



# FLOS

WORKING CATALOGUE 2024






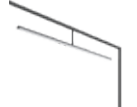








ITALIANO / ENGLISH










Questa marcatura è presente tra le novità Prodotto / This marker appears alongside Product News

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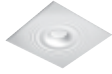
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## SOFT – IN

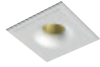
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# LIGHT STRUCTURES

*My Circuit, Belt, Infra-Structure,  
Infra-Structure Episode 2, Diversion, Zero  
Track PRO, Zero Track, The Micro Running  
Magnet, The Running Magnet, The Tracking  
Magnet, The Tracking Power, The Fast  
Track, In-Finity, Light Cut Mini.*

# LIGHT STRUCTURES OVERVIEW

		MY CIRCUIT	DIVERSION	ZERO TRACK PRO	ZERO TRACK	THE MICRO RUNNING MAGNET
						
PHYSICAL CHARACTERISTICS	<b>MOUNTING</b>	SURFACE	SURFACE SUSPENSION Down   Up & Down	SURFACE	SURFACE	RECESSED      SURFACE
	<b>COLORS</b>					
	<b>VOLTAGE / TRACK ADAPTER</b>	48 Vdc In-Track	24 Vdc In-Track	24 Vdc In-Track	24 Vdc In-Track	24 Vdc In-Track
	<b>INNER GAP (mm)</b>	-	12	11,5	8	5
	<b>OUTER GAP (mm)</b>	-	16	19	17	9      -
	<b>RECESSED DEPTH (mm)</b>	-	-	-	-	-      17
	<b>HEIGHT (mm)</b>	27	34	10,5	7	14      -
<b>LENGTH (mm)</b>	8000 / 15000 / 20000	1000 / 1500 / 2000 / 2500	1000 / 2000 / 3000	1000 / 2000 / 3000	1000 / 2000 / 3000	
CONTROL CHARACTERISTICS	<b>PROFILE EMISSION</b>	✗	✓ Upper & direct by light modules	✗	✗	✗
	<b>NON DIMMABLE</b>	✓	✓	✓	✓	✓
	<b>DALI</b>	✗	✓*	✓	✗	✓*
	<b>CASAMBI</b>	✓	✓	✓	✓	✓
	<b>1 - 10V</b>	✓*	✓*	✓*	✗	✓*
	<b>PUSH</b>	✗	✗	✗	✗	✓*
	<b>MAINS DIMMING</b>	✗	✗	✗	✗	✗
	<b>UP&amp;DOWN (Indep)</b>	-	✗	-	-	-
COMPATIBLE LIGHT MODULES	<b>ACCENT LIGHTING</b>	 My Circuit Spot 025  My Circuit Spot 035  My Circuit Light Shadow Spot 030  My Circuit Light Shadow Spot 045	 Atom 90  Atom 120	 Find Me 0  Find Me 1  Find Me 2  Atom 90  Atom 120  Light Shadow Spot 30°  Light Shadow Spot 45° * Only for Zero Track Pro  Find Me 1 Suspension	 Nano Spot  Light Shadow Spot  Micro Spot  Spot  Find Me 0  Find Me 1	
	<b>DIFFUSED LIGHTING</b>	 My Circuit Disc  My Circuit Dome  My Circuit Sphere  My Circuit Lines	-	 Light Stripe 600 / 900 / 1200  Atom 200  Magic Stick  Magic Stick Asymmetric	 Atom 200	 Light Stripe Diffused  Light Stripe Wall-Washer

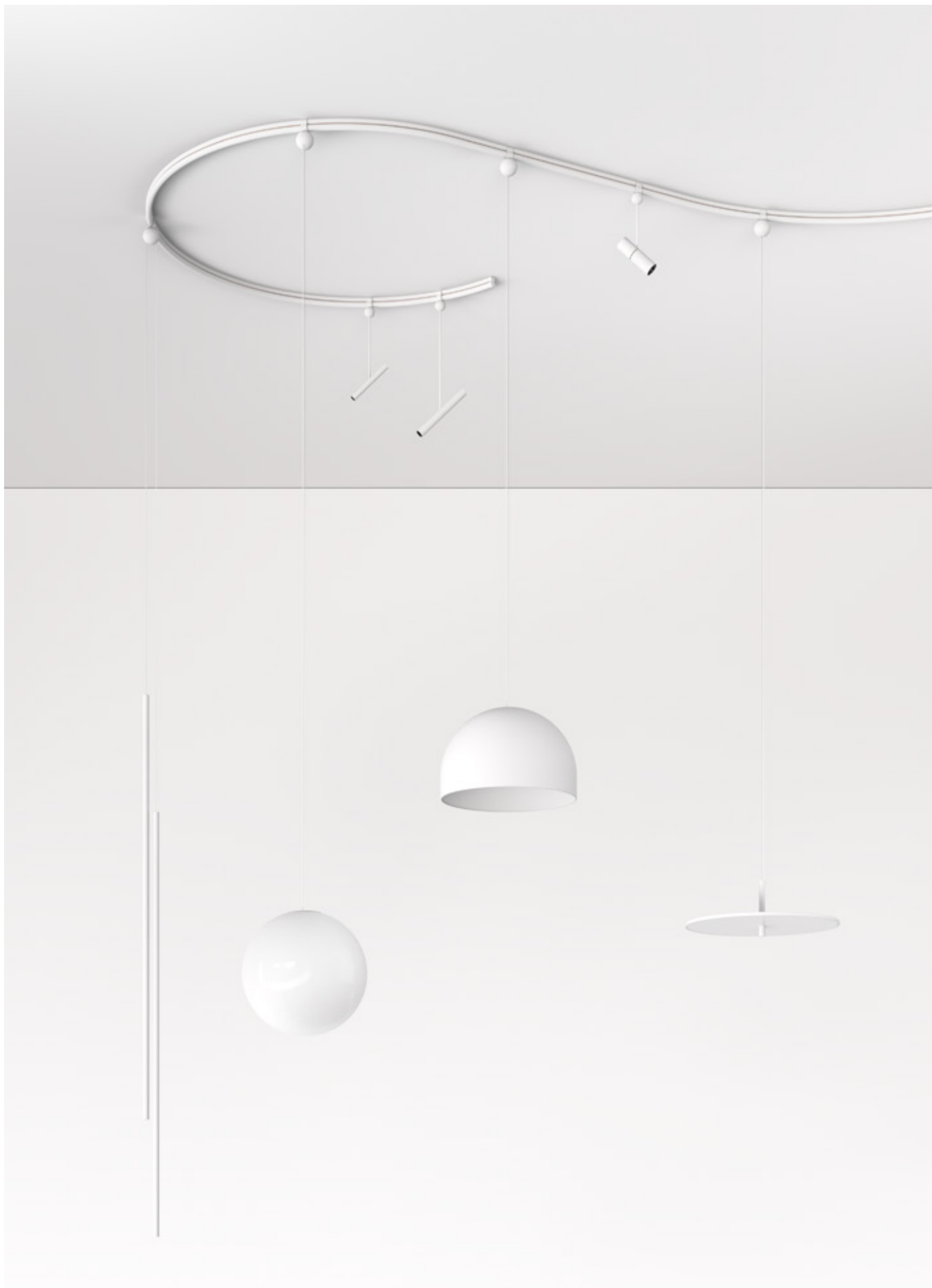
# LIGHT STRUCTURES OVERVIEW

THE RUNNING MAGNET			THE TRACKING MAGNET			INFRA_STRUCTURE	INFRA-STRUCTURE EPISODE 2	THE TRACKING POWER		THE FAST TRACK	
RECESSED	SURFACE	SUSPENSION Down   Up & Down	RECESSED	SURFACE SUSPENSION Down	SUSPENSION Up & Down	SURFACE & SUSPENSION	SURFACE & SUSPENSION	RECESSED	SURFACE	RECESSED	SURFACE
24 Vdc In-Track			48 Vdc In-Track			48 Vdc In-Track	48 Vdc	220-240V In-Track		48 Vdc In-Track	
35			15			-	-	15		35	
-	41		-	25		-	-	15		-	49
73,5	-	-	31,5	-	-	-	-	24,5	-	73,5	-
73 / 86	100	100	31 / 45	46	52	100 / 300 / 400 / 700	100 / 200 / 400 / 600 / 800 / 1000	24 / 37	32	73 / 86	92
1000 / 1500 / 2000 / 2500 / 3000			1000 / 1500 / 2000 / 2500 / 3000			1100 / 1600	900 / 1200 / 1500	1000 / 2000 / 3000 / 4000	1000 / 2000 / 3000	1000 / 1500 / 2000 / 3000	
✓ Upper integrated			✓ Upper integrated			✓ Upper & direct by light modules	✓ Upper & direct by light modules	✗		✗	
✓			✓**			✓**	✓	✓**/**		✗	
✓			✓			✓	✓	✗		✗	
✓			✓			✓	✓*	✗		✓	
✗			✓			✓	✓	✗		✗	
✗			✗			✗	✓	✗		✗	
✗			✗			✗	✗	✗		✗	
✓			✓****			✓	✗	-		-	
							-				
Light Shadow Spot 30	Light Shadow Spot 45	Multi Spot 4	Spot 50	Spot 90	Spot 120	Spot 150	-		UT Pro 150 **	UT Pro 175 **	Spot 100
							-				
Find Me 1 Suspension	Spot Module	Light Shadow Wall-Washer	Light Shadow Spot 30	Light Shadow Spot 45	Light Shadow Spot 60	Anthony Spot Track	-		UT Pro 175 Lens **	Spot 150	
							-				
Anthony Spot Track							-		Camera 60 ****	Camera 90 ****	
Light Stripe	Mini Glo-Ball	Workmates	Light Stripe	Wallee		Suspension Panel 600	Suspension Glass Downlight 110	Suspension Panel 600	Light Tube Covered	UT Pro Wall-Washer 3	
String Light Ball	String Light Cone	Mini Glo-Ball Suspension				Light Tube Direct / Indirect / Blind		Light Tube Direct / Indirect	Suspension Cone 300 / 400		

NEW

# MY CIRCUIT

DESIGNED BY MICHAEL ANASTASSIADES



**Descrizione**

My Circuit, disegnata da Michael Anastassiades, è la prima struttura per apparecchi d'illuminazione da interni composta da una struttura flessibile che permette disegnare sul soffitto dei tracciati continui e completamente liberi, combinando linee rette con curve di differente raggio (da R 500 a R 3000 mm).

Il sistema, previsto per installazioni da parete, permette l'uso di moduli d'illuminazione focale con prestazioni tecniche e apparecchi d'illuminazione a sospensione con un'attraiva immagine decorativa.

**Disegno, installazione e montaggio.**

Per disegnare il tracciato si devono selezionare e combinare in modo consecutivo i moduli di fissaggio, che verranno uniti tra loro per disegnare una colonna centrale da fissare sul soffitto e definire così la forma di My Circuit.

In base al numero dei punti d'illuminazione desiderati, alla loro posizione nel disegno della struttura e al loro requisito di consumo, nei punti del tracciato vengono aggiunti dei moduli che permettono l'alimentazione 48V del sistema (esiste un modulo per l'alimentazione remota e un altro modulo in cui l'alimentazione si trova in una cassa decorativa in sospensione). I moduli d'alimentazione dispongono di un segmento di fissaggio proprio, da aggiungere alla colonna principale (in una posizione intermedia o in un'estremità).

Dopo aver completato il tracciato e dopo averlo installato sul soffitto, si ottiene la lunghezza totale della colonna centrale. Su questa colonna verrà poi installata la struttura flessibile che vi si adatterà come una nervatura e che verrà agganciata al soffitto nella posizione desiderata. La struttura flessibile abbraccerà esteriormente la colonna centrale lungo tutto il tracciato, inserendosi all'interno degli adattatori dell'alimentazione. Le estremità della configurazione e le unioni dei segmenti della parte flessibile –nel caso in cui esistessero– vengono coperti con una placca estetica (finale o intermedia).

Si completa così il montaggio della struttura di My Circuit. Finalmente, vengono installati sulla struttura i vari tipi di apparecchi d'illuminazione e i moduli di luce mediante i loro adattatori corrispondenti.

**Moduli Luminosi**

Esistono questi moduli d'illuminazione:  
- MyCircuit Light Shadow Spot Ø30 / Ø45  
- MyCircuit Spot Ø25 / Ø35

Sono pure disponibili i seguenti apparecchi d'illuminazione decorativi:  
- MyCircuit Lines  
- MyCircuit Disc  
- MyCircuit Dome  
- MyCircuit Sphere

**Sistemi di Controllo**

My Circuit è disponibile nella versione on/off e con il sistema di regolazione senza fili Casambi, che permette controllare individualmente ogni apparecchio d'illuminazione e/o modulo d'illuminazione.

**Informazioni Aggiuntive**

My Circuit può essere installato solo su soffitti perpendicolari al piano verticale. Per la pulizia del sistema, usare esclusivamente un panno morbido. In caso di sporco più resistente pulire con un panno umido. Attenzione: Non usare alcol né solventi. La superficie dell'installazione deve essere piatta. Per il montaggio, usare i tasselli e le viti più adatti al materiale del soffitto.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

**Conformità e Marchi di Qualità**

Gli apparecchi d'illuminazione sono conformi alla Normativa Tecnica Europea EN60598-1 e seconde parti.

**Description**

My Circuit, designed by Michael Anastassiades, is the first structure for indoor lighting consisting of a flexible profile that allows the drawing of continuous and completely free paths on the ceiling, combining linear sections with curves of various radii (from R 500 to R 3000 mm).

The system, for surface installation, can hold light modules, projectors with technical performance and suspended luminaires with an attractive decorative appearance.

**Design, installation and assembly**

To design a layout, it is essential to select and consecutively combine the fixing modules that will be joined to form a central spine that will be fixed to the ceiling, thus defining the shape of My Circuit. Depending on the desired number of luminaires, their position in the layout and their consumption requirements, modules can be added along the circuit where needed to power (48V) the system (a module for remote power supply and another module where the power supply unit is located in a decorative suspension box are available). These power supply modules have their own fixing segment which is added (at an intermediate position or at one end) to the central spine track.

Once the layout has been completed - and installed on the ceiling - the total length of the central spine track is obtained. The flexible profile is installed on this spine track, so that it can be adapted to its core shape and anchored on the ceiling in the desired position. The flexible profile externally embraces the central spine along the entire circuit and is inserted into the power adapters. The flexible profile's layout ends and segment joints - if present - are covered with the corresponding cover caps (end or intermediate).

The implementation of My Circuit is thus finally completed. Last but not least, the various luminaires and light modules are installed on the structure with their respective adapters.

**Light Modules**

The following light modules are available:  
- MyCircuit Light Shadow Spot Ø30 / Ø45  
- MyCircuit Spot Ø25 / Ø35

The following decorative luminaires are also available:

- MyCircuit Lines  
- MyCircuit Disc  
- MyCircuit Dome  
- MyCircuit Sphere

**Control Systems**

My Circuit is available in on/off version and with Casambi wireless dimming system for individual control of each luminaire and/or light module.

**Additional Information**

My Circuit can only be installed on ceilings perpendicular to the vertical plane.

Use only a soft cloth to clean the system. For stubborn dirt, damp the cloth with water. Warning: do not use alcohol or other solvents. The installation surface must be flat. When mounting, use suitable dowels and screws, depending on the ceiling material.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

**Compliance of Standards and Quality Marks**

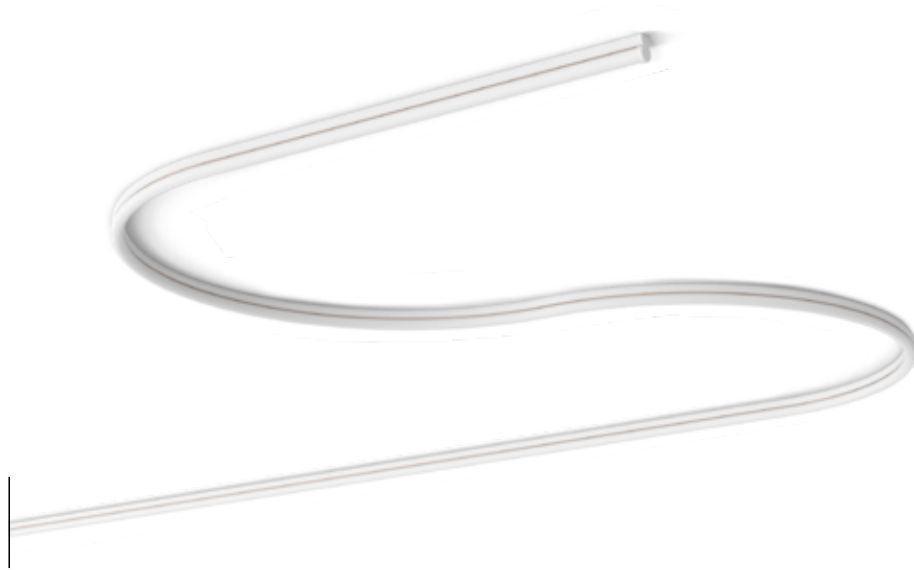
Luminaire conforms to European Technical Standard EN60598-1 and secondary parts.

**FLOS**  
CONTROL BY CASAMBI



**My Circuit Profile**

- C5 Bianco
- C5 White



**Spots - My Circuit Profile**

- C5 Bianco
- C5 White

MY CIRCUIT  
SPOT Ø25



**LIGHT SOURCE**  
POWER LED  
Up to 4W  
260 lm  
2700K/CRI 90  
262 lm  
3000K/CRI 90

MY CIRCUIT  
SPOT Ø35



**LIGHT SOURCE**  
LED ARRAY  
Up to 8W  
623 lm  
2700K/CRI 90  
641 lm  
3000K/CRI 90

MY CIRCUIT  
LIGHT SHADOW  
SPOT Ø30



**LIGHT SOURCE**  
POWER LED  
Up to 4W  
257 lm  
2700K/CRI 90  
263 lm  
3000K/CRI 90

MY CIRCUIT  
LIGHT SHADOW  
SPOT Ø45



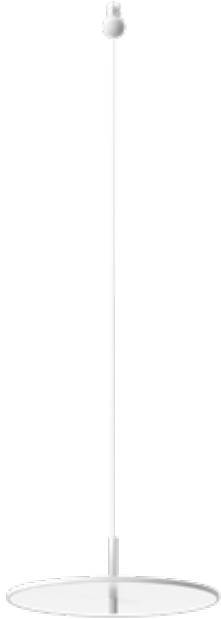
**LIGHT SOURCE**  
LED ARRAY  
Up to 8W  
799 lm  
2700K/CRI 90  
844 lm  
3000K/CRI 90



Suspension Fixtures - My Circuit Profile

C5 Bianco  
 C5 White

MY CIRCUIT  
DISC



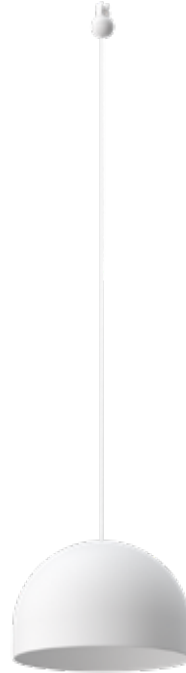
**LIGHT SOURCE**  
TOP LED  
42W  
4310 lm  
2700K/CRI 90  
4515 lm  
3000K/CRI 90

MY CIRCUIT  
LINES



**LIGHT SOURCE**  
TOP LED  
2 x 23W  
2 x 2360 lm  
2700K/CRI 90  
2 x 2470 lm  
3000K/CRI 90

MY CIRCUIT  
DOME



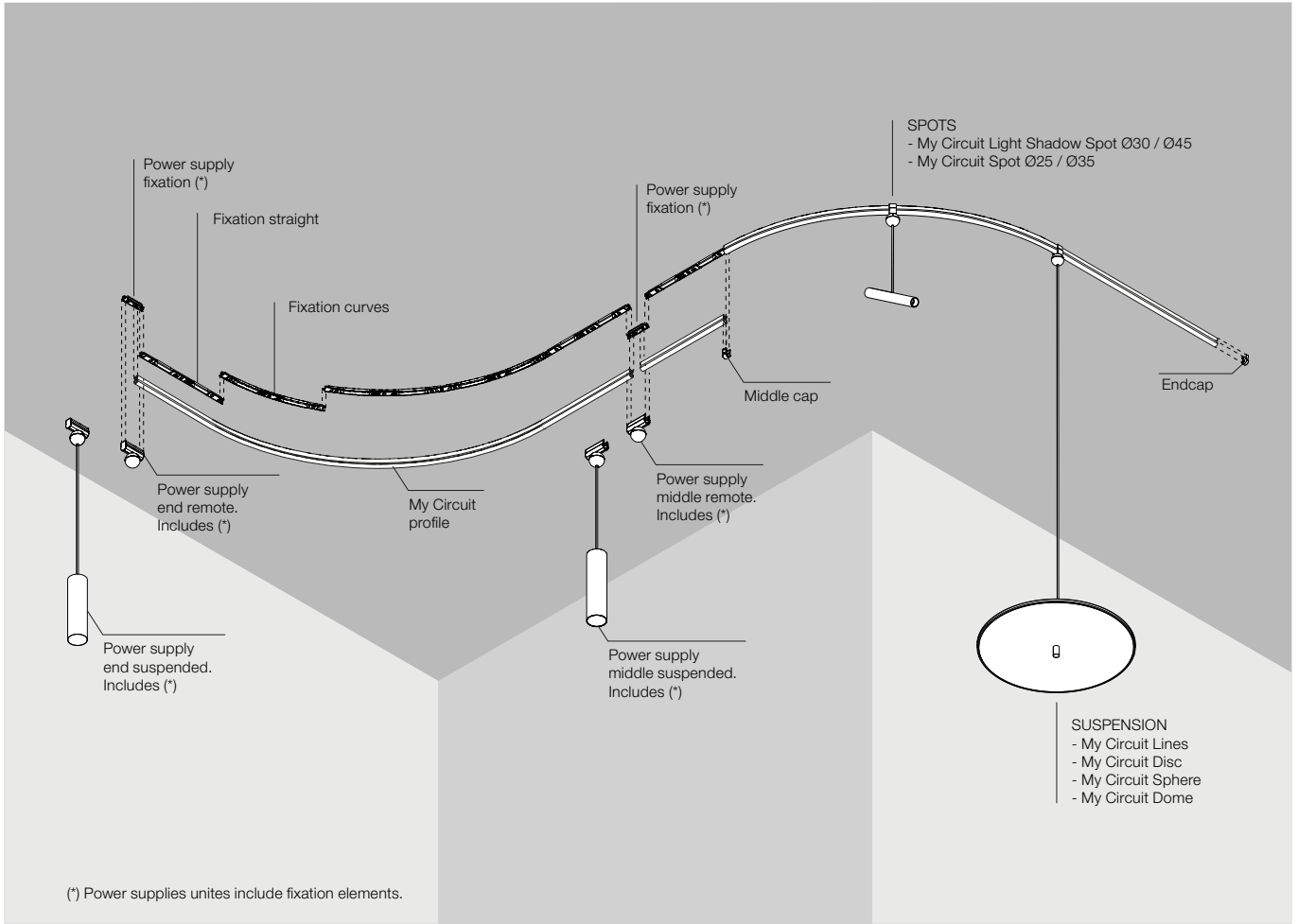
**LIGHT SOURCE**  
TOP LED  
40W  
2110 lm  
2700K / CRI 90  
2296 lm  
3000K / CRI 90









MY CIRCUIT  
SPHERE



**LIGHT SOURCE**  
TOP LED  
40W  
2278 lm  
2700K / CRI 90  
2467 lm  
3000K / CRI 90

# MY CIRCUIT – INSTALLATION

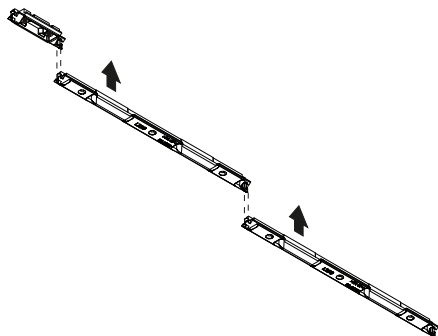


PHYSICAL CHARACTERISTICS		COMPATIBLE LIGHT MODULES	
<b>Mounting</b>	Surface	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Accent Lighting</b></p>  <p>My Circuit Light Shadow Spot Ø30</p>  <p>My Circuit Spot Ø25</p>  <p>My Circuit Light Shadow Spot Ø45</p>  <p>My Circuit Spot Ø35</p> </div> <div style="text-align: center;"> <p><b>Diffused Lighting</b></p>  <p>My Circuit Dome</p>  <p>My Circuit Sphere</p>  <p>My Circuit Disc</p>  <p>My Circuit Lines</p> </div> </div>	
<b>Voltage</b>	48Vdc		
<b>Track Adapter</b>	My Circuit Adapter		
<b>Height</b>	40 mm		
<b>Width</b>	24 mm		
<b>Length</b>	8 / 15 / 20 m		
CONTROL CHARACTERISTICS			
<b>No Dim</b>	✓		
<b>Casambi</b>	✓		

## My Circuit - Dettagli di installazione / Installation Details

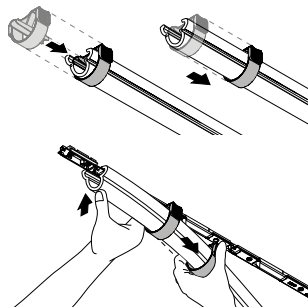
1. Per configurare il percorso My Circuit, selezionare, unire e installare i fissaggi prescelti al soffitto.

1. Simply select, splice and install your chosen fixations on the ceiling to configure the My Circuit route.



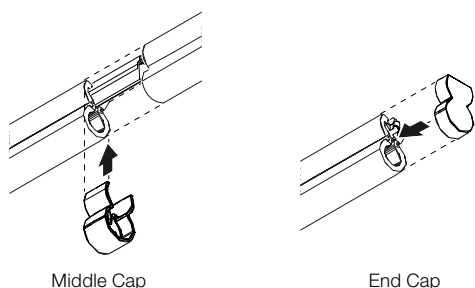
2. Tagliare il segmento del profilo My Circuit in base alla lunghezza richiesta. Inserire il binario flessibile a pressione iniziando da un'estremità.

2. Cut the My Circuit profile segment to the required length. Press to insert the flexible track. Start at one end of the profile.



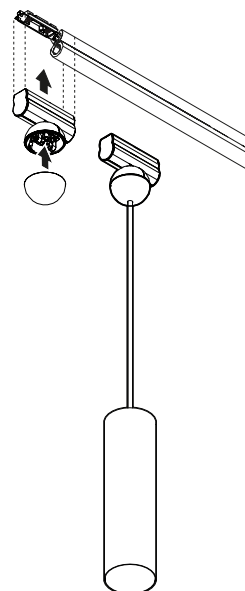
3. Nelle giunzioni intermedie del binario flessibile, applicare l'accessorio Middle Cap e, all'estremità, l'accessorio End Cap.

3. Insert a Middle Cap accessory in intermediate cuts in the flexible track. At the end of the circuit, insert an End Cap.



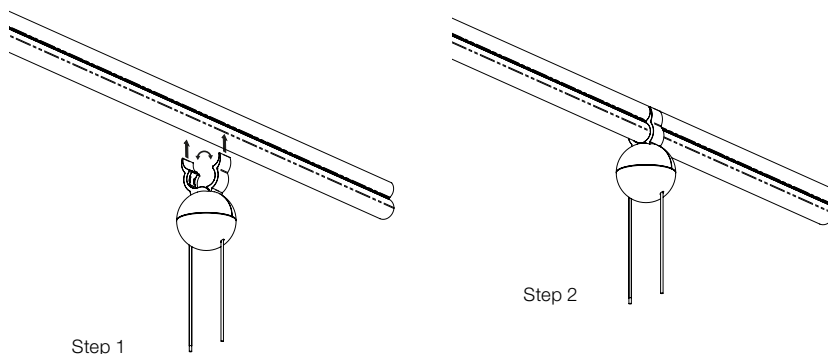
4. Nella posizione desiderata (intermedia o ad un'estremità), posizionare il modulo di alimentazione (remoto o sospeso). Questo modulo è provvisto del proprio fissaggio a soffitto.

4. Install the power module (remote or suspended) in the desired position (intermediate or at one end). This module includes its own ceiling fixation.



5. Posizionare gli apparecchi di illuminazione nella posizione desiderata mediante gli specifici adattatori per My Circuit. Per i dettagli, consultare le istruzioni di installazione.

5. Place the luminaires in the desired position using their My Circuit-specific adapters. See the installation instructions for more details.

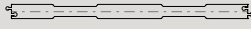


**1 DESIGN YOUR LAYOUT & SELECT MY CIRCUIT FIXATIONS**

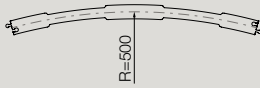
**My Circuit Power Supply Fixation**  
L= 48 / Included in Power Supplies



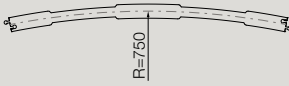
**My Circuit Fixation Straight**  
L= 250 / 1000 / 1500 / 2000 / 2500 / 3000



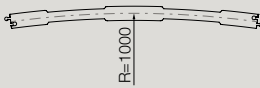
**My Circuit Fixation Curve R 500**  
30° / 90° / 180°



**My Circuit Fixation Curve R 750**  
22,5° / 45° / 90° / 135° / 180°



**My Circuit Fixation Curve R 1000**  
15° / 45° / 90° / 135° / 180°



**My Circuit Fixation Curve R 1500**  
9° / 45° / 90° / 135° / 180°



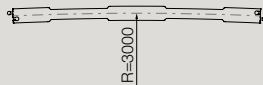
**My Circuit Fixation Curve R 2000**  
7,5° / 45° / 90° / 135° / 180°



**My Circuit Fixation Curve R 2500**  
5° / 45° / 90° / 135° / 180°



**My Circuit Fixation Curve R 3000**  
5° / 45° / 90° / 135° / 180°



**My Circuit Fixation Curve R Custom**



**2 SELECT & DEFINE PLACEMENT OF LIGHT MODULES IN YOUR LAYOUT**

No DIM / Casambi

**My Circuit Light Shadow Spot Ø30**



**My Circuit Light Shadow Pro Ø45**



**My Circuit Spot Ø25**



**My Circuit Spot Ø35**



Casambi

**My Circuit Dome**



**My Circuit Sphere**



**My Circuit Lines**



**My Circuit Disc**



**3 SELECT POWER SUPPLY & ADJUST YOUR FINAL LAYOUT**

**4 SELECT MY CIRCUIT PROFILE & ACCESSORIES**

**Power Supply Remote**

**Accessories**

**Drivers**

Feed Connector End Remote



320W



240W



150W



+

Feed Connector Middle Remote



**Suspended Power Supply**

Power Supply End Suspended  
240W / 150W



Power Supply Middle Suspended  
240W / 150W



**My Circuit Profile**  
L: 8000 / 15000 / 20000 mm



My Circuit Mounting Tool  
(included)

**Accessories**

End Cap



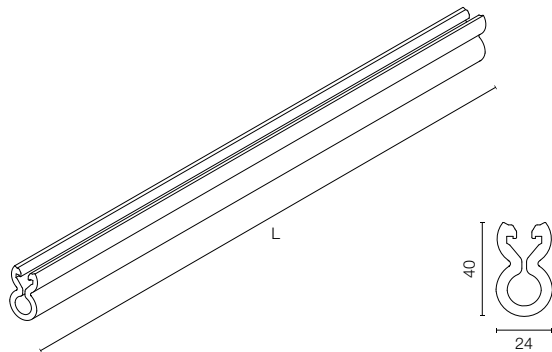
Middle Cap



### My Circuit Profiles

Profilo elettromeccanico flessibile disponibile in varie lunghezze e progettato per essere tagliato dal cliente alla lunghezza esatta desiderata a seconda del progetto. Il profilo viene fornito avvolto a spirale. Distendere prima di procedere all'installazione.

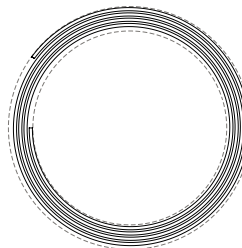
Selezionare la lunghezza necessaria in base alla somma delle lunghezze dei seguenti elementi: fissaggi dritti, archi dei fissaggi curvi e inserti del binario nei fissaggi degli adattatori di alimentazione (contrassegnati sui disegni dimensionali).



L: 8 m / 15 m / 20 m

Flexible electromechanical profile available in various lengths, designed to be cut by the customer to the exact length required for each project. The profile is supplied in a spiral roll. It must be unrolled before installation.

Select the required length based on the sum of the lengths of: the straight fixations, the arcs of the curved fixations and the track inserts in the power adapter fixations (marked on its dimensional drawings).



L: 8000 mm  
 06.0330.C5

L: 15000 mm  
 06.0331.C5

L: 20000 mm  
 06.0332.C5



Strumento di montaggio My Circuit (in dotazione).

My Circuit Mounting Tool (included).

### My Circuit Fixation Straight

Fissaggio dritto. Sezione minima: 250 mm. Kit di diverse lunghezze composti da varie sezioni minime combinabili.

Straight fixture. Minimum section 250 mm. Kits of different lengths made up of several minimum splicable sections.



L: 250 mm  
06.0335.00

Kit L: 1000 mm (4x 06.0335.00)  
06.0366.00

Kit L: 1500 mm (6x 06.0335.00)  
06.0367.00

Kit L: 2000 mm (8x 06.0335.00)  
06.0368.00

Kit L: 2500 mm (10x 06.0335.00)  
06.0369.00

Kit L: 3000 mm (12x 06.0335.00)  
06.0370.00

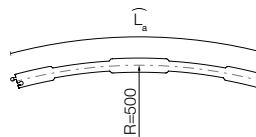
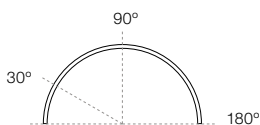
### My Circuit Fixation Curve R 500

Fissaggio curvo R 500. Angolo minimo de 30°. Kit da 90° e 180° disponibili e composti da vari angoli minimi combinabili.

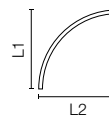
R 500 curved fixture. Minimum angle 30°. 90° and 180° kits are available, made up of several minimum splicable angles.



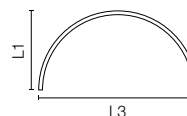
Minimum angle 30°  
Kit angles 90° / 180°



**R 500 - 30°**  
L<sub>1</sub>: 262 mm  
06.0336.00



**R 500 - Kit 90°** (3x 06.0336.00)  
L<sub>1</sub>: 785 mm  
L1: 500 mm L2: 500 mm  
06.0371.00



**R 500 - Kit 180°** (6x 06.0336.00)  
L<sub>1</sub>: 1571 mm  
L1: 500 mm L3: 1000 mm  
06.0372.00

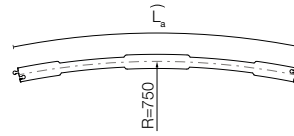
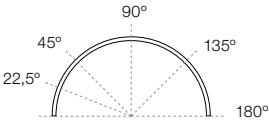
**My Circuit Fixation Curve R 750**

Fissaggio curvo R 750. Angolo minimo di 22,5°. Kit da 45°, 90°, 135° e 180° disponibili e composti da vari angoli minimi combinabili.

R 750 curved fixture. Minimum angle 22.5°. 45°, 90°, 135° and 180° kits available, made up of several minimum splicable angles.



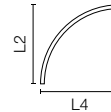
Minimum angle 22,5°  
Kit angles 45° / 90° / 135° / 180°



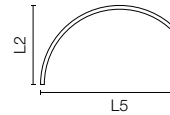
**R 750 - 22,5°**  
L<sub>a</sub>: 294,5 mm  
06.0337.00



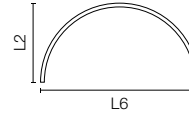
**R 750 - Kit 45°** (2x 06.0337.00)  
L<sub>a</sub>: 589 mm  
L1: 530 mm L3: 220 mm  
06.0373.00



**R 750 - Kit 90°** (4x 06.0337.00)  
L<sub>a</sub>: 1178 mm  
L2: 750 mm L4: 750 mm  
06.0374.00



**R 750 - Kit 135°** (6x 06.0337.00)  
L<sub>a</sub>: 1767 mm  
L2: 750 mm L5: 1280 mm  
06.0375.00



**R 750 - Kit 180°** (8x 06.0337.00)  
L<sub>a</sub>: 2356 mm  
L2: 750 mm L6: 1500 mm  
06.0376.00

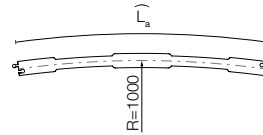
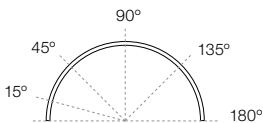
**My Circuit Fixation Curve R 1000**

Fissaggio curvo R 1000. Angolo minimo de 15°. Kit da 45°, 90°, 135° e 180° disponibili e composti da vari angoli minimi combinabili.

R 1000 curved fixture. Minimum angle 15°. 45°, 90°, 135° and 180° kits available, made up of several minimum splicable angles.



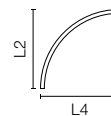
Minimum angle 15°  
Kit angles 45° / 90° / 135° / 180°



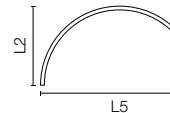
**R 1000 - 15°**  
L<sub>a</sub>: 262 mm  
06.0338.00



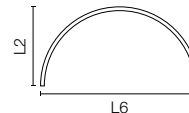
**R 1000 - Kit 45°** (3x 06.0338.00)  
L<sub>a</sub>: 785 mm  
L1: 707 mm L3: 293 mm  
06.0377.00



**R 1000 - Kit 90°** (6x 06.0338.00)  
L<sub>a</sub>: 1570 mm  
L2: 1000 mm L4: 1000 mm  
06.0378.00



**R 1000 - Kit 135°** (9x 06.0338.00)  
L<sub>a</sub>: 2356 mm  
L2: 1000 mm L5: 1707 mm  
06.0379.00



**R 1000 - Kit 180°** (12x 06.0338.00)  
L<sub>a</sub>: 3141 mm  
L2: 1000 mm L6: 2000 mm  
06.0380.00

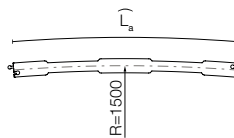
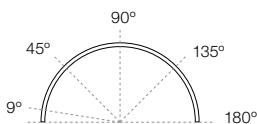
**My Circuit Fixation Curve R 1500**

Fissaggio curvo R 1500. Angolo minimo de 9°. Kit da 45°, 90°, 135° e 180° disponibili e composti da vari angoli minimi combinabili.

R 1500 curved fixture. Minimum angle 9°. 45°, 90°, 135° and 180° kits available, made up of several minimum splicable angles.



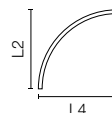
Minimum angle 9°  
Kit angles 45° / 90° / 135° / 180°



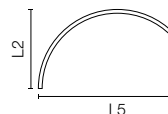
**R 1500 - 9°**  
L<sub>a</sub>: 236 mm  
06.0339.00



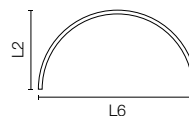
**R 1500 - Kit 45°** (5x 06.0339.00)  
L<sub>a</sub>: 1178 mm  
L1: 1061 mm L3: 439 mm  
06.0381.00



**R 1500 - Kit 90°** (10x 06.0339.00)  
L<sub>a</sub>: 2356 mm  
L2: 1500 mm L4: 1500 mm  
06.0382.00



**R 1500 - Kit 135°** (15x 06.0339.00)  
L<sub>a</sub>: 3534 mm  
L2: 1500 mm L5: 2561 mm  
06.0383.00



**R 1500 - Kit 180°** (20x 06.0339.00)  
AL: 4712 mm  
L2: 1500 mm L6: 3000 mm  
06.0384.00

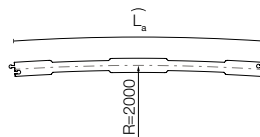
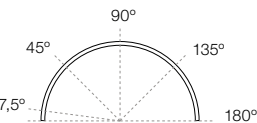
**My Circuit Fixation Curve R 2000**

Fissaggio curvo R 2000. Angolo minimo di 7,5°. Kit da 45°, 90°, 135° e 180° disponibili e composti da vari angoli minimi combinabili.

R 2000 curved fixture. Minimum angle 7.5°. 45°, 90°, 135° and 180° kits available, made up of several minimum splicable angles.



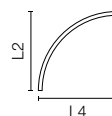
Minimum angle 7,5°  
Kit angles 45° / 90° / 135° / 180°



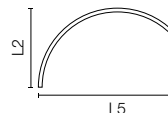
**R 2000 - 7,5°**  
L<sub>a</sub>: 262 mm  
06.0340.00



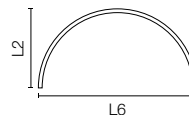
**R 2000 - Kit 45°** (6x 06.0340.00)  
L<sub>a</sub>: 1571 mm  
L1: 1414 mm L3: 586 mm  
06.0385.00



**R 2000 - Kit 90°** (12x 06.0340.00)  
L<sub>a</sub>: 3142 mm  
L2: 2000 mm L4: 2000 mm  
06.0386.00



**R 2000 - Kit 135°** (18x 06.0340.00)  
L<sub>a</sub>: 4712 mm  
L2: 2000 mm L5: 3414 mm  
06.0387.00



**R 2000 - Kit 180°** (24x 06.0340.00)  
L<sub>a</sub>: 6283 mm  
L2: 2000 mm L6: 4000 mm  
06.0388.00



# MY CIRCUIT – PROFILES

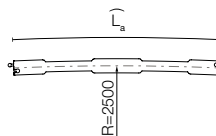
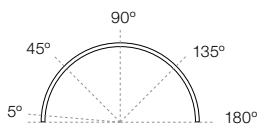
## My Circuit Fixation Curve R 2500

Fissaggio curvo R 2500. Angolo minimo de 5°. Kit da 45°, 90°, 135° e 180° disponibili e composti da vari angoli minimi combinabili.

R 2500 curved fixture. Minimum angle 5°. 45°, 90°, 135° and 180° kits available, made up of several minimum splicable angles.



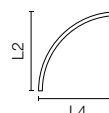
Minimum angle 5°  
Kit angles 45° / 90° / 135° / 180°



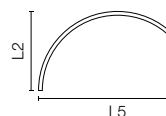
**R 2500 - 5°**  
L<sub>a</sub>: 218 mm  
06.0341.00



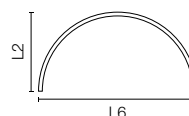
**R 2500 - Kit 45°** (9x 06.0341.00)  
L<sub>a</sub>: 1963 mm  
L1: 1768 mm L3: 732 mm  
06.0389.00



**R 2500 - Kit 90°** (18x 06.0341.00)  
L<sub>a</sub>: 3927 mm  
L2: 2500 mm L4: 2500 mm  
06.0390.00



**R 2500 - Kit 135°** (27x 06.0341.00)  
L<sub>a</sub>: 5890 mm  
L2: 2500 mm L5: 4268 mm  
06.0391.00



**R 2500 - Kit 180°** (36x 06.0341.00)  
L<sub>a</sub>: 7854 mm  
L2: 2500 mm L6: 5000 mm  
06.0392.00

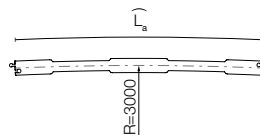
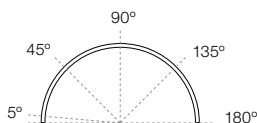
## My Circuit Fixation Curve R 3000

Fissaggio curvo R 3000. Angolo minimo de 5°. Kit da 45°, 90°, 135° e 180° disponibili e composti da vari angoli minimi combinabili.

R 3000 curved fixture. Minimum angle 5°. 45°, 90°, 135° and 180° kits available, made up of several minimum splicable angles.



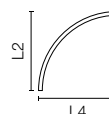
Minimum angle 5°  
Kit angles 45° / 90° / 135° / 180°



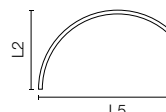
**R 3000 - 5°**  
L<sub>a</sub>: 262 mm  
06.0342.00



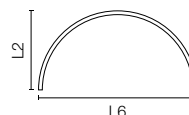
**R 3000 - Kit 45°** (9x 06.0342.00)  
L<sub>a</sub>: 2356 mm  
L1: 2121 mm L3: 879 mm  
06.0393.00



**R 3000 - Kit 90°** (18x 06.0342.00)  
L<sub>a</sub>: 4712 mm  
L2: 3000 mm L4: 3000 mm  
06.0394.00



**R 3000 - Kit 135°** (27x 06.0342.00)  
L<sub>a</sub>: 7069 mm  
L2: 3000 mm L5: 5121 mm  
06.0395.00

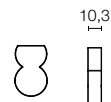


**R 3000 - Kit 180°** (36x 06.0342.00)  
L<sub>a</sub>: 9425 mm  
L2: 3000 mm L6: 6000 mm  
06.0396.00

**Accessori / Accessories**

Tappo estetico finale. Da applicare alle estremità del percorso di My Circuit (all'occorrenza).

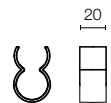
End trim cap. For use at the ends of the My Circuit circuit (only if necessary).



06.0350.C5

Tappo estetico intermedio. Da applicare nei tagli del binario flessibile di My Circuit (se necessario).

Intermediate trim cap. For use on cuts in the My Circuit flexible track (only if necessary).

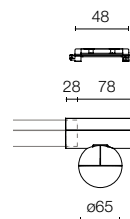


06.0351.C5

**Remote Drivers Accessories**

Accessorio per il collegamento di My Circuit all'alimentazione remota. Driver non incluso. Da applicare alle estremità del percorso (all'occorrenza).

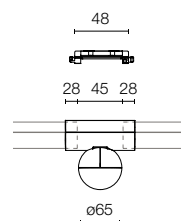
Accessory for connecting My Circuit to the remote power supply. Driver not included. For use at the ends of the circuit (if necessary).



06.0352.C5

Accessorio per il collegamento di My Circuit all'alimentazione remota. Driver non incluso. Da applicare in posizione intermedia lungo il percorso (all'occorrenza).

Accessory for connecting My Circuit to the remote power supply. Driver not included. For use in intermediate positions along the circuit (if necessary).

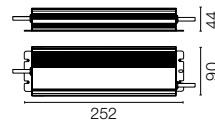


06.0353.C5

**Remote Drivers**

Alimentatore a tensione costante 48 V - 320 W, 100-110 V / 120/277 V - 50/60 Hz.

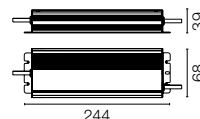
Constant voltage power supply 48V - 320W, 100 -110V / 120/277V - 50/60Hz.



60.9741

Alimentatore a tensione costante 48 V - 240W, 100-110 V / 120/277 V - 50/60 Hz.

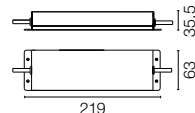
Constant voltage power supply 48V - 240W, 100 -110V / 120/277V - 50/60Hz.



60.8723

Alimentatore a tensione costante 48V - 150W, 100-110V / 120/277V - 50/60Hz.

Constant voltage power supply 48V - 150W, 100-110V / 120/277V - 50/60Hz.

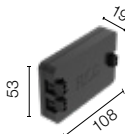


60.9781

**Unità di controllo / Control Units**

Gateway di regolazione wireless. Da 1-10V a Casambi. Per installazione remota. Vedi le specifiche del prodotto nel manuale Flos Control. Consigliato per fungere da gateway da Lutron a Casambi.

Wireless Dimmer Bridge. From 1-10V to Casambi. For remote installation. See product specifications in the Flos Control manual. Recommended to act as a gateway from Lutron to Casambi.

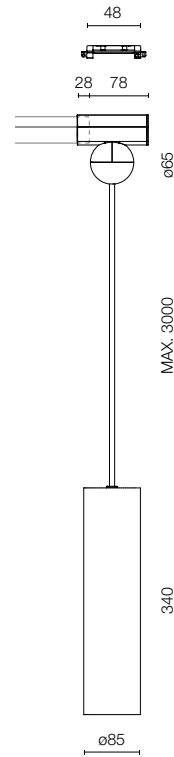


DIM 1-10V >> Casambi  
08.0824.14

**Suspended Drivers**

Accessorio per il collegamento di My Circuit all'alimentazione sospesa. Driver incluso (48 V). Da applicare alle estremità del percorso (all'occorrenza). Fissaggio alimentazione My Circuit (in dotazione).

Accessory for connecting My Circuit to the suspended power supply. Driver included (48V). For use at the ends of the circuit (if necessary). My Circuit Power Supply Fixation, included.

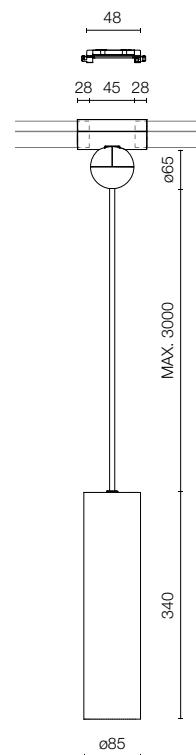


**240W · 100-240Vac**  
240W · 180-240Vac  
180W · 100-180Vac  
06.0354.C5

**150W · 100-240Vac**  
150W · 180-240Vac  
105W · 100-180Vac  
06.0403.C5

Accessorio per il collegamento di My Circuit all'alimentazione sospesa. Driver incluso (48 V). Da applicare in posizione intermedia lungo il percorso (all'occorrenza). Fissaggio alimentazione My Circuit (in dotazione).

Accessory for connecting My Circuit to the suspended power supply. Driver included (48V). For use in intermediate positions along the circuit (if necessary). My Circuit Power Supply Fixation, included.









**240W · 100-240Vac**  
240W · 180-240Vac  
180W · 100-180Vac  
06.0355.C5

**150W · 100-240Vac**  
150W · 180-240Vac  
105W · 100-180Vac  
06.0404.C5

## Requisiti di configurazione driver e binario / Drivers &amp; Track Configuration Requirements

Lunghezza massima del cavo secondario (sezione: 1,5 mm<sup>2</sup>): 5 metri dal driver al binario.  
Lunghezza massima binario: 20 metri.

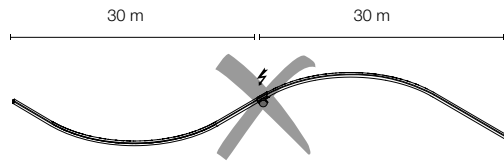
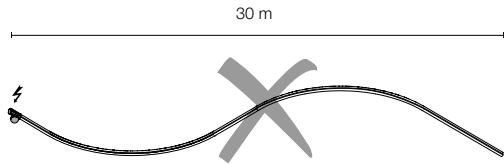
Maximum length of secondary cable (section 1.5mm<sup>2</sup>): 5 metres from the driver to the track.  
Maximum track length 20 metres.

Light Modules	Fixture W	Remote Drivers			Suspended Drivers	
		150W 60.9781	240W 60.8723	320W 60.9741	150W 06.0403.C5 / 06.0404.C5	240W 06.0354.C5 / 06.0355.C5
	3,5W	42 units	68 units	91 units	42 units	68 units
	4W	32 units	50 units	68 units	32 units	50 units
	7,5W	20 units	32 units	42 units	20 units	32 units
	8W	16 units	25 units	34 units	16 units	25 units
	40W	3 units	5 units	6 units	3 units	5 units
	40W	3 units	5 units	6 units	3 units	5 units
	42W	3 units	5 units	6 units	3 units	5 units
	44W	3 units	4 units	6 units	3 units	4 units

Esempi di configurazione / Configuration examples

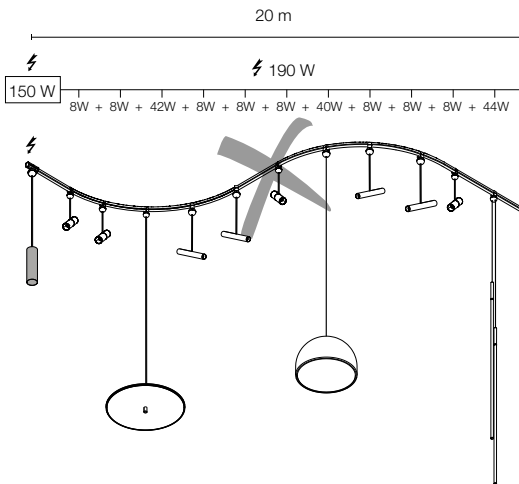
Esempio di configurazione errata:  
Distanza KO.

Example of incorrect configuration:  
Distance KO.



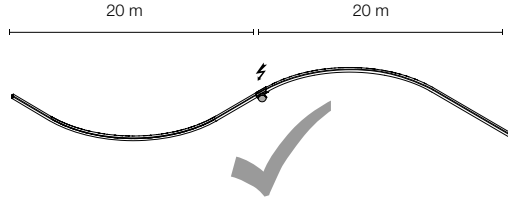
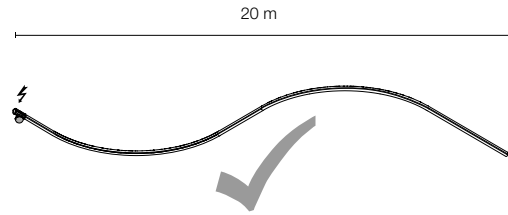
Esempio di configurazione errata:  
Distanza OK / Potenza KO.

Example of incorrect configuration:  
Distance OK / Power KO.



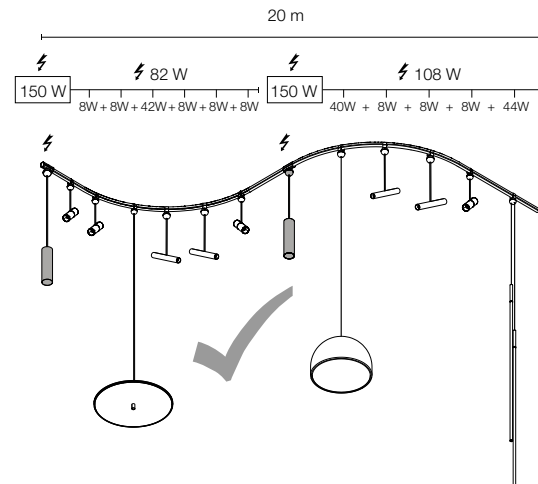
Esempio di configurazione corretta:  
Distanza OK.

Example of correct configuration:  
Distance OK.



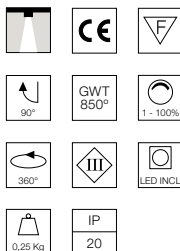
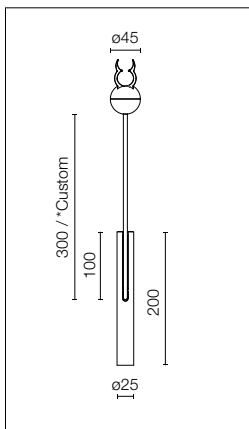
Esempio di configurazione corretta:  
Distanza OK / Potenza OK.

Example of correct configuration:  
Distance OK / Power OK.



My Circuit Spot Ø25

Light Source: Power LED Non Dimmable 3,5W - 260 lm - 2700K/CRI 90 / 262 lm - 3000K/ CRI 90  
 Power LED Casambi 4W - 260 lm - 2700K/CRI 90 / 262 lm - 3000K/ CRI 90



Modulo di illuminazione LED da montare sul sistema My Circuit. Ottica con tecnologia a lenti bifocali, a basso abbagliamento ed elevato comfort visivo. Orientabile mediante rotazione e inclinazione. Nella posizione downlight, il braccio di collegamento al binario si trova perfettamente a filo con il prodotto. Versione Casambi per il controllo senza fili. Casambi, distanza massima tra gli apparecchi: 12m. \* Su richiesta, è possibile personalizzare la lunghezza del braccio di collegamento al binario.

LED lighting module for installation in the My Circuit system. Optical with double focal lens technology, low glare and high visual comfort. Adjustable by tilting and turning. In the downlight position, the track connector arm is perfectly flush with the product. Casambi version for wireless control. Casambi, maximum distance between fixtures: 12m. \* Ask us about bespoke track connector arm lengths.

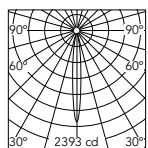
Optic Spot - 2700K

Non Dimmable

05.2900.C5

Casambi

05.2920.C5



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	2393	0.18
2	598	0.37
3	266	0.55
4	150	0.74
5	96	0.92

Luminous flux luminaire 2393 cd  
 132 lm

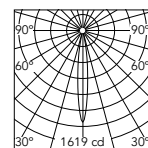
Optic Spot - 3000K

Non Dimmable

05.2905.C5

Casambi

05.2925.C5



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	1619	0.22
2	405	0.44
3	180	0.66
4	101	0.88
5	65	1.10

Luminous flux luminaire 1619 cd  
 115 lm

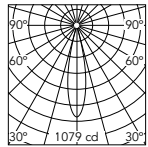
Optic Medium - 2700K

Non Dimmable

05.2901.C5

Casambi

05.2921.C5



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1079	0.39
2	270	0.77
3	120	1.16
4	67	1.54
5	43	1.93

Luminous flux luminaire 1079 cd  
 145 lm

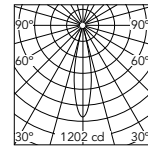
Optic Medium - 3000K

Non Dimmable

05.2906.C5

Casambi

05.2926.C5



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	1202	0.37
2	300	0.75
3	134	1.12
4	75	1.49
5	48	1.86

Luminous flux luminaire 1202 cd  
 148 lm

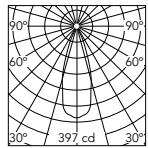
Optic Flood - 2700K

Non Dimmable

05.2902.C5

Casambi

05.2922.C5



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	397	0.63
2	99	1.26
3	44	1.89
4	25	2.51
5	16	3.14

Luminous flux luminaire 397 cd  
 135 lm

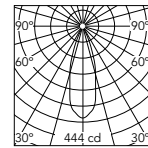
Optic Flood - 3000K

Non Dimmable

05.2907.C5

Casambi

05.2927.C5



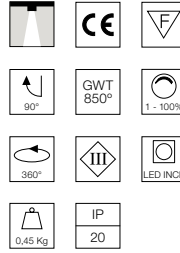
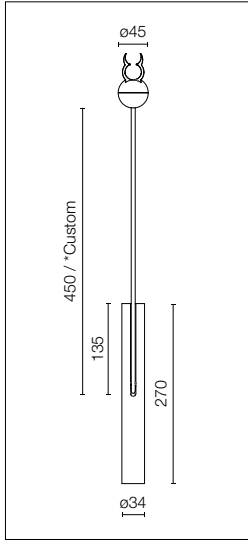
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	444	0.58
2	111	1.16
3	49	1.75
4	28	2.33
5	18	2.91

Luminous flux luminaire 444 cd  
 142 lm

**My Circuit Spot Ø35**

**Light Source:** LED Array Non Dimmable 7,5W - 623 lm - 2700K/CRI 90 / 641 lm - 3000K/ CRI 90  
 LED Array Casambi 8W - 623 lm - 2700K/CRI 90 / 641 lm - 3000K/ CRI 90



Modulo di illuminazione LED da montare sul sistema My Circuit. Ottica con tecnologia a lenti bifocali, a basso abbagliamento ed elevato comfort visivo. Orientabile mediante rotazione e inclinazione. Nella posizione downlight, il braccio di collegamento al binario si trova perfettamente a filo con il prodotto. Versione Casambi per il controllo senza fili. Casambi, distanza massima tra gli apparecchi: 6m. \* Su richiesta, è possibile personalizzare la lunghezza del braccio di collegamento al binario.

LED lighting module for installation in the My Circuit system. Optical with double focal lens technology, low glare and high visual comfort. Adjustable by tilting and turning. In the downlight position, the track connector arm is perfectly flush with the product. Casambi version for wireless control. Casambi, maximum distance between fixtures: 6m. \* Ask us about bespoke track connector arm lengths.

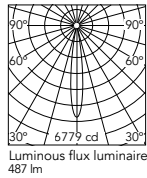
**Optic Spot - 2700K**

Non Dimmable

05.2910.C5

Casambi

05.2930.C5



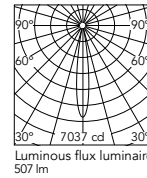
**Optic Spot - 3000K**

Non Dimmable

05.2915.C5

Casambi

05.2935.C5



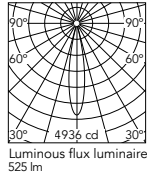
**Optic Medium - 2700K**

Non Dimmable

05.2911.C5

Casambi

05.2931.C5



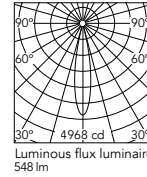
**Optic Medium - 3000K**

Non Dimmable

05.2916.C5

Casambi

05.2936.C5



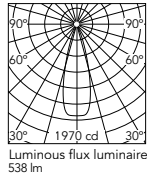
**Optic Flood - 2700K**

Non Dimmable

05.2912.C5

Casambi

05.2932.C5



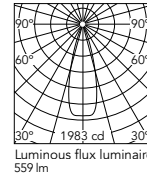
**Optic Flood - 3000K**

Non Dimmable

05.2917.C5

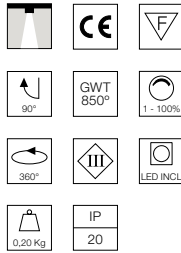
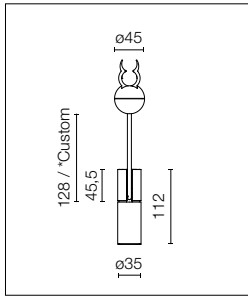
Casambi

05.2937.C5



**My Circuit Light Shadow Spot Ø30**

**Light Source:** Power LED Non Dimmable 3,5W - 257 lm - 2700K/CRI 90 / 263 lm - 3000K/ CRI 90  
 Power LED Casambi 4W - 257 lm - 2700K/CRI 90 / 263 lm - 3000K/ CRI 90



Modulo di illuminazione LED da montare sul sistema My Circuit. Ottica con tecnologia a lenti bifocali, a basso abbagliamento ed elevato comfort visivo. Orientabile mediante rotazione e inclinazione. Nella posizione downlight, il braccio di collegamento al binario si trova perfettamente a filo con il prodotto. Versione Casambi per il controllo senza fili. Casambi, distanza massima tra gli apparecchi: 12m. \* Su richiesta, è possibile personalizzare la lunghezza del braccio di collegamento al binario.

LED lighting module for installation in the My Circuit system. Optical with double focal lens technology, low glare and high visual comfort. Adjustable by tilting and turning. In the downlight position, the track connector arm is perfectly flush with the product. Casambi version for wireless control. Casambi, maximum distance between fixtures: 12m. \* Ask us about bespoke track connector arm lengths.

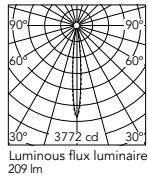
**Optic Spot - 2700K**

Non Dimmable

05.2950.C5

Casambi

05.2970.C5



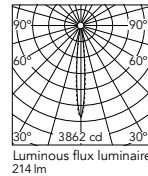
**Optic Spot - 3000K**

Non Dimmable

05.2955.C5

Casambi

05.2975.C5



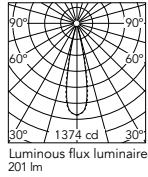
**Optic Medium - 2700K**

Non Dimmable

05.2951.C5

Casambi

05.2971.C5



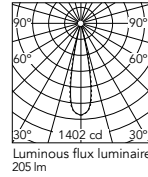
**Optic Medium - 3000K**

Non Dimmable

05.2956.C5

Casambi

05.2976.C5



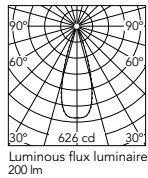
**Optic Flood - 2700K**

Non Dimmable

05.2952.C5

Casambi

05.2972.C5



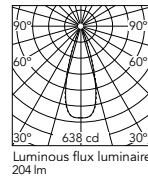
**Optic Flood - 3000K**

Non Dimmable

05.2957.C5

Casambi

05.2977.C5



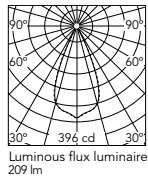
**Optic Wide Flood - 2700K**

Non Dimmable

05.2953.C5

Casambi

05.2973.C5



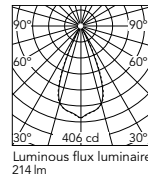
**Optic Wide Flood - 3000K**

Non Dimmable

05.2958.C5

Casambi

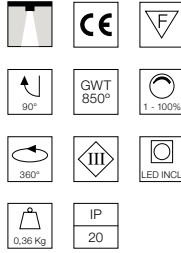
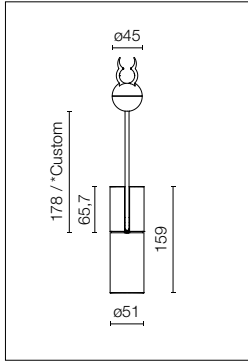
05.2978.C5





**My Circuit Light Shadow Spot Ø45**

**Light Source:** LED Array Non Dimmable 7,5W - 799 lm - 2700K/CRI 90 / 844 lm - 3000K/ CRI 90  
 LED Array Casambi 8W - 799 lm - 2700K/CRI 90 / 844 lm - 3000K/ CRI 90



Modulo di illuminazione LED da montare sul sistema My Circuit. Ottica con tecnologia a lenti bifocali, a basso abbagliamento ed elevato comfort visivo. Orientabile mediante rotazione e inclinazione. Nella posizione downlight, il braccio di collegamento al binario si trova perfettamente a filo con il prodotto. Versione Casambi per il controllo senza fili. Casambi, distanza massima tra gli apparecchi: 12m. \* Su richiesta, è possibile personalizzare la lunghezza del braccio di collegamento al binario.

LED lighting module for installation in the My Circuit system. Optical with double focal lens technology, low glare and high visual comfort. Adjustable by tilting and turning. In the downlight position, the track connector arm is perfectly flush with the product. Casambi version for wireless control. Casambi, maximum distance between fixtures: 12m. \* Ask us about bespoke track connector arm lengths.

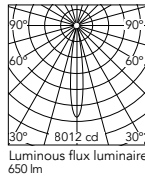
**Optic Spot - 2700K**

Non Dimmable

05.2960.C5

Casambi

05.2980.C5



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8012	0.27
2	2003	0.54
3	890	0.80
4	501	1.07
5	320	1.34

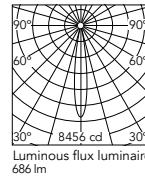
**Optic Spot - 3000K**

Non Dimmable

05.2965.C5

Casambi

05.2985.C5



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8456	0.27
2	2114	0.54
3	940	0.80
4	528	1.07
5	338	1.34

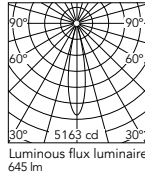
**Optic Medium - 2700K**

Non Dimmable

05.2961.C5

Casambi

05.2981.C5



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5163	0.36
2	1291	0.73
3	574	1.09
4	323	1.46
5	207	1.82

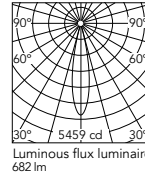
**Optic Medium - 3000K**

Non Dimmable

05.2966.C5

Casambi

05.2986.C5



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5459	0.36
2	1365	0.73
3	607	1.09
4	341	1.46
5	218	1.82

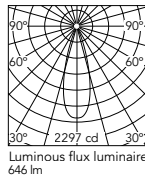
**Optic Flood - 2700K**

Non Dimmable

05.2962.C5

Casambi

05.2982.C5



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2296	0.56
2	574	1.11
3	255	1.67
4	144	2.22
5	92	2.78

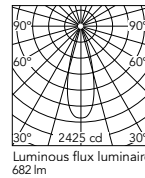
**Optic Flood - 3000K**

Non Dimmable

05.2967.C5

Casambi

05.2987.C5

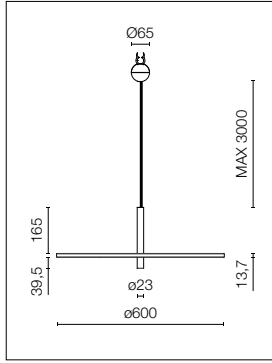
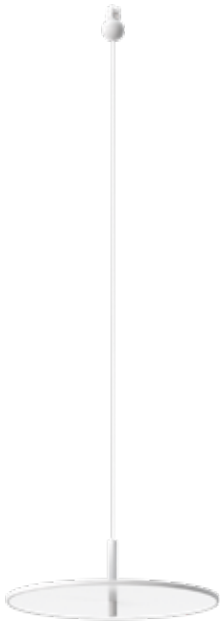


Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2424	0.56
2	606	1.11
3	269	1.67
4	152	2.22
5	97	2.78

**My Circuit Disc**

**Light Source:** TOP LED 42W - 4310 lm - 2700K/CRI 90 / 42W - 4515 lm - 3000K/CRI 90



	IP 20	
	4.55 Kg	
	1 - 100%	

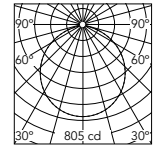
Apparecchio di illuminazione a sospensione LED da installare sul sistema My Circuit. Emissione Down diffusa. Sospensione ad altezza regolabile. Versione Casambi per il controllo senza fili..

Suspended luminaire for installation in the My Circuit system. Diffused Down emission. Adjustable suspension height. Casambi version for wireless control.

**2700K**

Casambi

05.2990.C5



Beam Angle: 110°

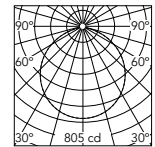
h(m)	E(lx)	D(m)
1	805	2.87
2	201	5.73
3	89	8.60
4	50	11.46
5	32	14.33

Luminous flux luminaire 2194 lm

**3000K**

Casambi

05.2992.C5



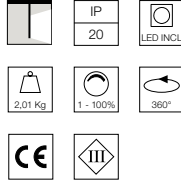
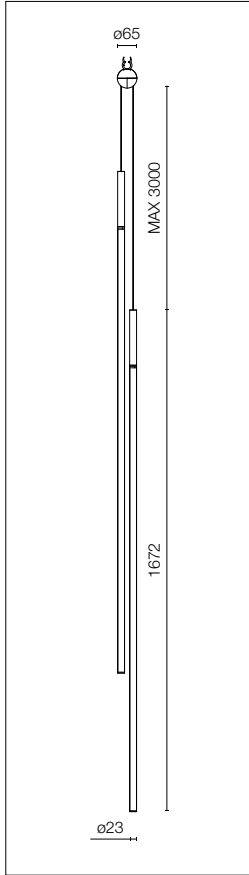
Beam Angle: 110°

h(m)	E(lx)	D(m)
1	805	2.87
2	201	5.73
3	89	8.60
4	50	11.46
5	32	14.33

Luminous flux luminaire 2298 lm

My Circuit Lines

Light Source: TOP LED 2 x 23W - 2 x 2360 lm - 2700K/CRI 90 / 2 x 23W - 2 x 2470 lm - 3000K/CRI 90



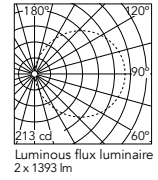
Apparecchio di illuminazione a sospensione LED da installare sul sistema My Circuit. Emissione diffusa laterale con orientamento indipendente (mediante rotazione sull'asse del prodotto) in ciascuna linea. Sospensione ad altezza regolabile. Idealmente, si consiglia una distanza di sospensione tale da assolvere a una funzionalità pari a quella di un apparecchio da terra. Versione Casambi per il controllo senza fili.

Suspended luminaire for installation in the My Circuit system. Lateral, independently adjustable diffuse emission (by rotating on the axis of the product) for each line. Adjustable suspension height. In principle, we recommend a suspension distance in order to achieve the same functionality as a freestanding luminaire. Casambi version for wireless control.

**2700K**

Casambi

05.2991.C5

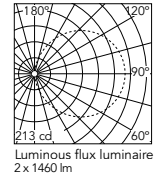


Beam Angle: 110°

**3000K**

Casambi

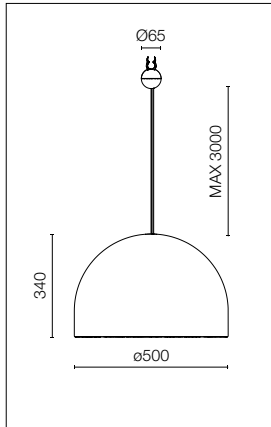
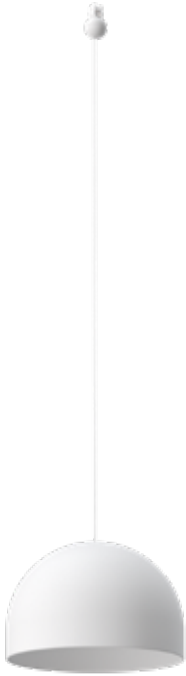
05.2993.C5



Beam Angle: 110°

## My Circuit Dome

Light Source: TOP LED 40W - 2110 lm - 2700K/CRI 90 / 40W - 2296 lm - 3000K/CRI 90



IP  
20



1 - 100%

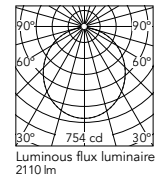


Apparecchio di illuminazione a sospensione LED da installare sul sistema My Circuit. Emissione luminosa downlight diffusa. Sospensione ad altezza regolabile. Versione Casambi per il controllo senza fili.

Suspended luminaire for installation in the My Circuit system. Diffused downlight emission. Adjustable suspension height. Casambi version for wireless control.

**2700K**

Casambi

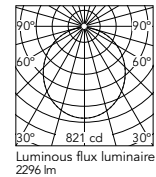
 05.2994.C5


Beam Angle: 110°

h(m)	E(lx)	D(m)
1	754	2.84
2	189	5.68
3	84	8.51
4	47	11.35
5	30	14.19

**3000K**

Casambi

 05.2996.C5


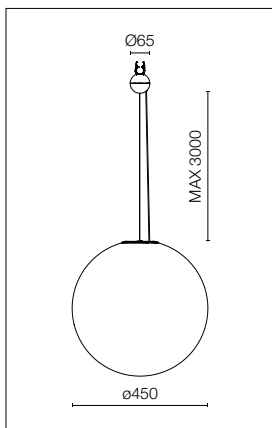
Beam Angle: 110°

h(m)	E(lx)	D(m)
1	821	2.84
2	205	5.68
3	91	8.51
4	51	11.35
5	33	14.19

# MY CIRCUIT – LIGHT MODULES

## My Circuit Sphere

Light Source: TOP LED 40W - 2278 lm - 2700K/CRI 90 / 40W - 2467 lm - 3000K/CRI 90



	IP 20	
	5,70 Kg	

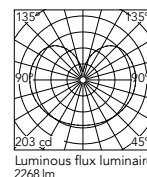
Apparecchio di illuminazione a sospensione LED da installare sul sistema My Circuit. Emissione luminosa onnidirezionale diffusa. Sospensione ad altezza regolabile. Versione Casambi per il controllo senza fili.

Suspended luminaire for installation in the My Circuit system. Diffused omnidirectional emission. Adjustable suspension height. Casambi version for wireless control.

### 2700K

Casambi

05.2995.C5



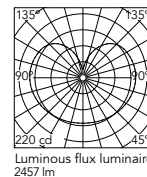
Beam Angle:

h(m)	E(lx)	D(m)
1	0	
2	0	
3	0	
4	0	
5	0	

### 3000K

Casambi

05.2997.C5



Beam Angle:

h(m)	E(lx)	D(m)
1	0	
2	0	
3	0	
4	0	
5	0	

# BELT

DESIGNED BY RONAN&ERWAN BOURULLEC

FLOS  
CONTROL BY CASAMBI



**LIGHT SOURCE**  
TOP LED  
27,5W/m

915 lm/m Up	1050 lm/m Up
2000 lm/m Down	2450 lm/m Down
2700K/CRI 95	3000K/CRI 95

Leather

Fabric

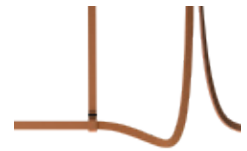
GN Green

18 Natural Leather

14 Black

GO Grey olive

M5 Copper Brown



## Descrizione

Questo iconico profilo per installazione a sospensione è caratterizzato da un pregiato rivestimento in pelle o tessuto sviluppato ad hoc per Flos Architectural per rispondere alle esigenze di sicurezza e pulizia di ambienti pubblici e privati.

Belt è pura flessibilità, una linea sinuosa la cui particolarità è l'equilibrio tra la morbidezza della pelle e la rigidità dell'alluminio. L'elemento morbido è rappresentato dalla connessione alla rete elettrica, mentre le parti rigide corrispondono alle sorgenti luminose, delle lunghe linee di luce. Ogni profilo è dotato di illuminazione integrata diretta e indiretta ed è possibile controllare ogni emissione individualmente con controllo remoto dell'installazione. L'installazione del prodotto avviene tramite tiranti utilizzati per sospendere il profilo luminoso facendoli scorrere attraverso fibbie in metallo dedicate che fungono da agganci a soffitto. Ogni tirante può essere regolato per rispettare la conformazione dell'ambiente.

Uno speciale microconnettore integrato nel terminale del profilo luminoso permette di realizzare la connessione elettrica attraverso un semplice scatto. L'elemento di connessione viene nascosto all'interno del passante, che funge da sospensione per sostenere la composizione.

Profili disponibili con lunghezze di 2 e 3m con finiture in pelle (nera, pelle naturale e verde) e in tessuto (grey olive e copper brown).

## Sistema Ottico

Profilo lineare Up&Down - emissione diretta/indiretta: General Lighting.

## Unità di Alimentazione

Il sistema può essere alimentato solo con fonte di alimentazione remota non compresa con i profili. I driver consigliati vanno ordinati separatamente.

## Sistema di Regolazione

Sistema dimmerabile con driver 1-10V, DALI o CASAMBI integrato nell'apparecchio. La regolazione individuale dell'emissione diretta e di quella indiretta può essere gestita mediante controllo Casambi o DALI.

## Informazioni Aggiuntive

Sistema elettrico alimentato a 48V.

Grado di protezione IP20.

Adatti ad installazioni su superfici normalmente infiammabili.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

This iconic profile for suspended installation features a leather or textile Surface developed specifically for Flos Architectural to respond to the needs of safety and cleanliness in public and private environments.

Belt is pure flexibility, a sinuous line that creates a balance between the softness of leather and the rigidity of aluminium. The soft part is represented by the connection to the electrical network, while the rigid parts correspond to the light source of the long lines of light.

Each profile is equipped with integrated direct and indirect lighting, and each light source can be controlled individually via remote control.

The product is installed with the use of straps to hang the lighting profile, sliding the straps through dedicated metal clasps that act as hooks on the ceiling. Each strap may be regulated to match the shape of the environment. A special microconnector integrated into the terminal of the lighting profile allows for electrical connection through a simple snap. The electrical connection is hidden within the strap, which supports the composition.

Profiles available with 2- and 3-m lengths in leather finishes (black, natural leather and green), as well as in textile finishes (grey olive and copper brown).

## Optic system

Linear Up&Down profile – direct/indirect emission: General Lighting.

## Power Supply

The system may be powered only with remote power sources not included with the profiles. Recommended drivers sold separately.

## Regulation System

Dimmable system with 1–10 V, DALI, or CASAMBI controller integrated inside the fixture. Individual direct and indirect emission may be regulated through Casambi or DALI control system.

## Additional Information

Electrical system powered at 48V.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

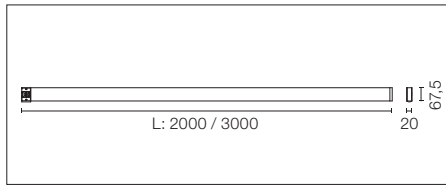
## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# BELT – LIGHT MODULE STRUCTURE

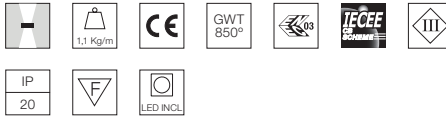
## Belt

**Light Source:** Top LED 27,5W/m - 915 lm/m UP - 2000 lm/m DOWN - 2700K/CRI 95 / 27,5W/m - 1050 lm/m UP - 2450 lm/m DOWN - 3000K/CRI 95



Profilo elettromeccanico da interni con illuminazione lineare integrata per installazione a sospensione disponibile con lunghezza da 2 a 3m. Installazione tramite cinghie di sospensione a soffitto e kit di alimentazione remoto, da ordinare separatamente. Sistema Up&Down controllato tramite DALI o CASAMBI individualmente e via 1-10V insieme (Broadcast).

Electromechanical profile for interior use with integrated linear lighting for suspended installation available with 2 or 3 m lengths. Installation via suspension straps on the ceiling and remote power kit, to be ordered separately. Up&Down system controlled via DALI or CASAMBI individually and via 1-10V all together (Broadcast).



### 2700K

L: 2000 mm

Dali Version

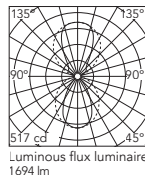
- 03.8500.GN.DA
- 03.8500.18.DA
- 03.8500.14.DA
- 03.8500.GO.DA
- 03.8500.M5.DA

1-10V (Broadcast)

- 03.8500.GN.1V
- 03.8500.18.1V
- 03.8500.14.1V
- 03.8500.GO.1V
- 03.8500.M5.1V

Casambi integrated

- 03.8500.GN.CB
- 03.8500.18.CB
- 03.8500.14.CB
- 03.8500.GO.CB
- 03.8500.M5.CB



Beam Angle: 60°

h(m)	E(lx)	D(m)
1	517	1.16
2	129	2.31
3	57	3.47
4	32	4.63
5	21	5.79

### 3000K

L: 2000 mm

Dali Version

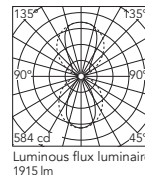
- 03.8505.GN.DA
- 03.8505.18.DA
- 03.8505.14.DA
- 03.8505.GO.DA
- 03.8505.M5.DA

1-10V (Broadcast)

- 03.8505.GN.1V
- 03.8505.18.1V
- 03.8505.14.1V
- 03.8505.GO.1V
- 03.8505.M5.1V

Casambi integrated

- 03.8505.GN.CB
- 03.8505.18.CB
- 03.8505.14.CB
- 03.8505.GO.CB
- 03.8505.M5.CB



Beam Angle: 60°

h(m)	E(lx)	D(m)
1	584	1.16
2	146	2.31
3	65	3.47
4	37	4.63
5	23	5.79

### 2700K

L: 3000 mm

Dali Version

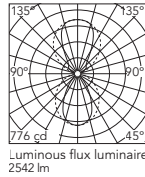
- 03.8501.GN.DA
- 03.8501.18.DA
- 03.8501.14.DA
- 03.8501.GO.DA
- 03.8501.M5.DA

1-10V (Broadcast)

- 03.8501.GN.1V
- 03.8501.18.1V
- 03.8501.14.1V
- 03.8501.GO.1V
- 03.8501.M5.1V

Casambi integrated

- 03.8501.GN.CB
- 03.8501.18.CB
- 03.8501.14.CB
- 03.8501.GO.CB
- 03.8501.M5.CB



Beam Angle: 60°

h(m)	E(lx)	D(m)
1	776	1.16
2	194	2.31
3	86	3.47
4	48	4.63
5	31	5.79

### 3000K

L: 3000 mm

Dali Version

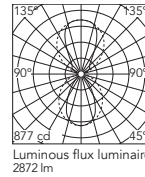
- 03.8506.GN.DA
- 03.8506.18.DA
- 03.8506.14.DA
- 03.8506.GO.DA
- 03.8506.M5.DA

1-10V (Broadcast)

- 03.8506.GN.1V
- 03.8506.18.1V
- 03.8506.14.1V
- 03.8506.GO.1V
- 03.8506.M5.1V

Casambi integrated

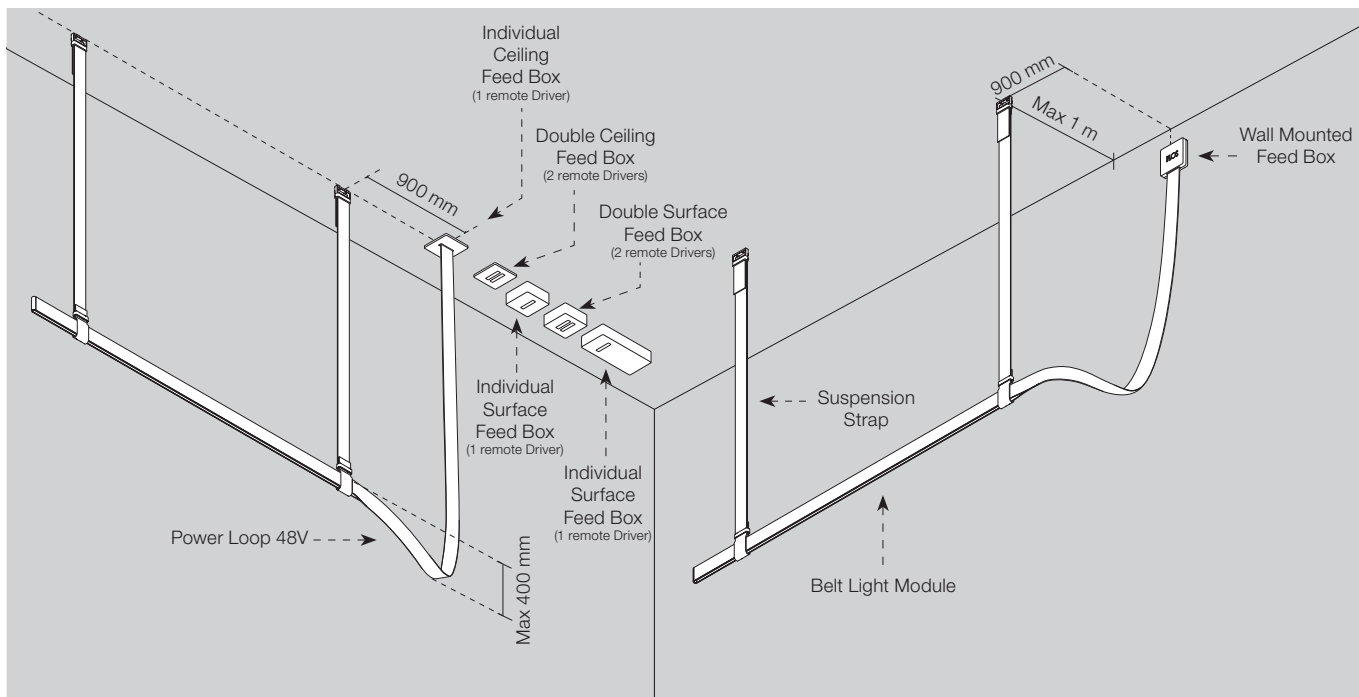
- 03.8506.GN.CB
- 03.8506.18.CB
- 03.8506.14.CB
- 03.8506.GO.CB
- 03.8506.M5.CB



Beam Angle: 60°

h(m)	E(lx)	D(m)
1	877	1.16
2	219	2.31
3	97	3.47
4	55	4.63
5	35	5.79

# BELT – INSTALLATION



## Accessori / Accessories

Cinghia di sospensione. 2 unità.

Suspension strap. 2 units.

Loop di alimentazione 48V.

48-V power loop.

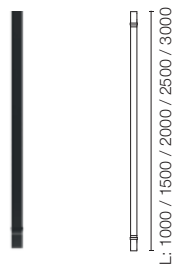
- L: 1000 mm
- 03.8510.GN
  - 03.8510.18
  - 03.8510.14
  - 03.8510.GO
  - 03.8510.M5

- L: 1500 mm
- 03.8513.GN
  - 03.8513.18
  - 03.8513.14
  - 03.8513.GO
  - 03.8513.M5

- L: 2000 mm
- 03.8511.GN
  - 03.8511.18
  - 03.8511.14
  - 03.8511.GO
  - 03.8511.M5

- L: 2500 mm
- 03.8514.GN
  - 03.8514.18
  - 03.8514.14
  - 03.8514.GO
  - 03.8514.M5

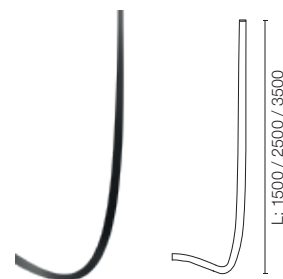
- L: 3000 mm
- 03.8512.GN
  - 03.8512.18
  - 03.8512.14
  - 03.8512.GO
  - 03.8512.M5



- L: 1500 mm
- 03.8520.GN
  - 03.8520.18
  - 03.8520.14
  - 03.8520.GO
  - 03.8520.M5

- L: 2500 mm
- 03.8521.GN
  - 03.8521.18
  - 03.8521.14
  - 03.8521.GO
  - 03.8521.M5

- L: 3500 mm
- 03.8522.GN
  - 03.8522.18
  - 03.8522.14
  - 03.8522.GO
  - 03.8522.M5


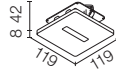

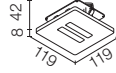



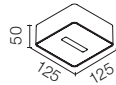

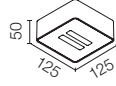

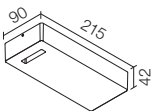


Suspension Strap (mm)	Power Loop (mm)
1000	1500
1500	2500
2000	
2500	3500
3000	


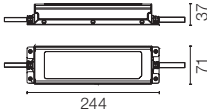

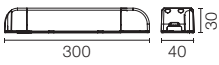


# BELT

## Accessori / Accessories

Unità di alimentazione individuale a soffitto. Driver non incluso.	Individual ceiling feed box. Driver not included.			08.0180.00
Unità di alimentazione doppia a soffitto. Driver non incluso.	Double ceiling feed box. Driver not included.			08.0181.00
Unità di alimentazione individuale a parete. Da installare in parallelo al profilo Belt. Driver non incluso.	Wall mounted feed box. To be install in parallel to the Belt profile. Driver not included.			08.0182.00
Unità di alimentazione individuale a superficie. Driver non incluso.	Individual surface feed box. Driver not included.			08.0194.00
Unità di alimentazione doppia a superficie. Driver non incluso.	Double surface feed box. Driver not included.			08.0195.00
Box driver di superficie 96W - 48V, 110-240V.	Surface driver box 96W - 48V, 110-240V.			06.0173.14

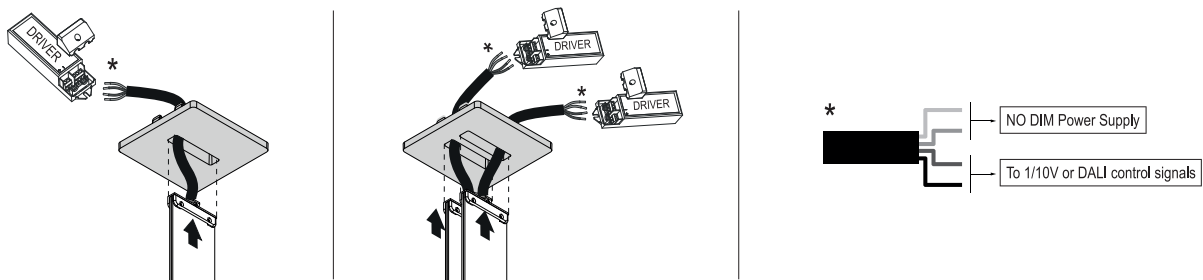
## Driver / Drivers

Alimentatore LED per installazione remota, 110Vac-135W / 220Vac-200W.	LED power supply source for remote installation, 110Vac-135W / 220Vac-200W.			*60.9607
Alimentatore LED per installazione remota, 48V/120W. 220/240 Vac.	LED power supply source for remote installation, 48V/120W. 220/240 Vac.			*60.9170

## Unità di controllo / Control Units

Gateway di regolazione wireless. Da 1-10V a Casambi. Per installazione remota. Vedi le specifiche del prodotto nel manuale Flos Control. Consigliato per fungere da gateway da Lutron a Casambi.	Wireless Dimmer Bridge. From 1-10V to Casambi. For remote installation. See product specifications in the Flos Control manual. Recommended to act as a gateway from Lutron to Casambi.		DIM 1-10V >> Casambi 08.0824.14
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## Remote Driver Installations



\* Per il dimensionamento dell'impianto, mantenere un margine di sicurezza di circa il 15% della potenza massima dell'alimentatore LED / For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

INFRA-STRUCTURE  
DESIGNED BY VINCENT VAN DUYSSEN

FLOS  
CONTROL BY CASAMBI



Profiles  14 Nero  
14 Black

40 Bianco  
40 White



# INFRA - STRUCTURE

## Descrizione

Innovativo sistema di illuminazione disegnato da Vincent Van Duysen per l'installazione di superfici a soffitto mediante aste rigide e regolabili. Nella nuova proposta, oltre alla conosciuta versione "On Board Dimmer", Flos fa un passo avanti, aggiungendo bianchi e corpi illuminanti che possono essere controllati anche con differenti sistemi di controllo remoto: DALI, 1-10V e Casambi.

Entrambe le versioni del profilo sono realizzate con estrusione di alluminio bianco o nero, dotato di conduttori elettrici a 48V.

Inoltre, le versioni controllabili a sistema (DALI, 1-10V), sono dotate di un bus dati in grafite per la regolazione.

Sistema magnetico di installazione dei corpi illuminanti con blocco meccanico di sicurezza.

La famiglia di apparecchi di illuminazione è composta da moduli di illuminazione d'accento con diverse ottiche, sistemi di illuminazione ambientale a luce diretta e indiretta e apparecchi di illuminazione decorativi con il design distintivo di Flos.

Tutti gli apparecchi di illuminazione sono disponibili con potenziometro integrato, dimmable DALI, 1-10V e Casambi per gestire l'intensità luminosa con una regolazione remota.

## Controllo

- Per installazione di corpi illuminanti "On Board Dimmer" usare la versione di binario

"On Board Dimmer". I corpi illuminanti in versione DALI e 1-10V sono compatibili esclusivamente con il profilo in versione DALI e 1-10V.

I corpi illuminanti in versione Casambi sono compatibili con tutti i profili.

- Per la gestione mediante protocollo DALI è necessario collegare il bus dati di controllo direttamente al profilo.

- Per la gestione 1/10V è necessario che il sistema di controllo sia attivo e collegare il bus dati di controllo direttamente al profilo. In questo caso la regolazione sarà uniforme in tutti gli apparecchi di illuminazione collegati.

- Per gestione con il sistema Casambi (Max. 200 apparecchi) è necessario ordinare apparecchi di illuminazione in versione Casambi. Questi sono compatibili con tutti i profili disponibili nel sistema.

Per la gestione e controllo del sistema Casambi è necessario scaricare l'app FLOS Control® powered by Casambi (disponibile in Apple Store e Google Play) per dispositivi mobili.

Numero massimo di interconnessioni tra guide per garantire la comunicazione del segnale DALI o 1-10V: 20 interconnessioni.

Necessaria APP per dispositivi mobili (disponibile su Apple Store).

## Sistema Ottico

- Light Tube Direct / Light Tube Indirect / Suspension Glass Downlight 110 / Suspension Panel 600: luce ambiente diffusa.

- Spot 50: Medium.

- Spot 90: Spot, Medium.

- Spot 120 Power LED (stessa fonte luminosa degli Spot 50 e Spot 90): Spot, Medium.

- Spot 120 LED Array (stessa fonte luminosa dello Spot 150): Medium, Flood.

- Spot 150: Spot, Medium, Flood.

- Light Shadow Spot 30: Spot, Medium, Flood, Wide Flood.

- Light Shadow Spot 45: Spot, Medium, Flood.

- Light Shadow Spot 60: Super Spot, Spot, Medium, Flood, Wide Flood.

## Unità di Alimentazione

Alimentatore remoto a 48V non compreso. Max 6A - 320W.

## Accessori

I moduli ad illuminazione Spot e Light Shadow Spot includono gli accessori di mascheramento (schermo a nido d'ape e crocette) e i filtri correttori per la temperatura del colore. Consultare la disponibilità in base al modello.

## Informazioni Aggiuntive

Grado di protezione IP20.

Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Groundbreaking lighting system designed by Vincent Van Duysen for surface installation on ceiling with rigid and adjustable rods.

In the new proposal, beside the successful "On Board Dimmer" version, FLOS goes one step beyond, launching both track and luminaires designed for system management in a variety of options: DALI, 1-10V and Casambi.

Both profile version are manufactured with aluminium profiling extruded in white or black, provided with electric tracks powered at 48V.

The system controlled versions (DALI, 1-10V) are also equipped with graphite data bus for regulation.

The LED light fixtures are installed by means of a magnetic fixture system with mechanical safety fastening.

The light fixtures product group is composed of accent lighting modules with different optics, direct and indirect light ambient lighting systems and decorative light fixtures with the distinctive Flos design.

All light fixtures are available with potentiometer incorporated, dimmable DALI, 1-10V and Casambi to adjust the light intensity.

## Control

- For installation of "On Board Dimmer" fixtures use "On Board Dimmer" track version.

Luminaires DALI and 1-10V are only compatible with track DALI and 1-10V.

Casambi luminaires can be installed on all profiles available in the system.

- To manage using DALI protocol, it is necessary to connect the control data bus directly to the profile.

- For 1-10V management, the control system must be active and the data bus must be connected directly to the profile. In this case, regulation will be uniform in all the connected luminaires.

- For Casambi management (Max. 200 luminaires) it is mandatory to use fixtures in the Casambi version, these are compatible with all profiles available in the system.

For managing and controlling the Casambi system, the FLOS Control® app powered by Casambi for mobile devices is necessary (available in the Apple Store and Google Play).

Maximum number of track interconnections to guarantee the communication of the DALI or 1-10V signal: 20 interconnections.

## Optic system

- Light Tube Direct / Light Tube Indirect / Suspension Glass Downlight 110 / Suspension Panel 600: diffuse ambient light.

- Spot 50: Medium.

- Spot 90: Spot, Medium.

- Spot 120 Power LED (same light source as the Spot 50 and Spot 90): Spot, Medium.

- Spot 120 LED Array (same light source as the Spot 150): Medium, Flood.

- Spot 150: Spot, Medium, Flood.

- Light Shadow Spot 30: Spot, Medium, Flood, Wide Flood.

- Light Shadow Spot 45: Spot, Medium, Flood.

- Light Shadow Spot 60: Super Spot, Spot, Medium, Flood, Wide Flood.

## Power Supply

Remote 48V power supply not included. Max 6A - 320W.

## Accessories

For Spot and Light Shadow Spot lighting modules, shielding accessories (honeycomb and crossheads) and color temperature correction filters are available. Please check model availability.

## Additional Information

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# INFRA-STRUCTURE

## LIGHT MODULES

### LIGHT TUBE DIRECT-INDIRECT



**LIGHT SOURCE**  
TOP LED  
23W/m  
1978 lm/m  
2700K/CRI 90  
2227 lm/m  
3000K/CRI 90

### SPOT 50



**LIGHT SOURCE**  
POWER LED  
3,5W  
286 lm  
2700K/CRI 90  
307 lm  
3000K/CRI 90

### SPOT 90



**LIGHT SOURCE**  
POWER LED  
8,5W  
610 lm  
2700K/CRI 90  
656 lm  
3000K/CRI 90

### SPOT 120



**LIGHT SOURCE**  
POWER LED  
12W  
724 lm  
2700K/CRI 90  
779 lm  
3000K/CRI 90

### SPOT 120



**LIGHT SOURCE**  
LED ARRAY  
12,5W  
1075 lm  
2700K/CRI 90  
1138 lm  
3000K/CRI 90

### SPOT 150



**LIGHT SOURCE**  
LED ARRAY  
22,5W  
2411 lm  
2700K/CRI 90  
2569 lm  
3000K/CRI 90

### LIGHT SHADOW SPOT 30



**LIGHT SOURCE**  
POWER LED  
4,5W  
257 lm  
2700K/CRI 90  
263 lm  
3000K/CRI 90

### LIGHT SHADOW SPOT 45



**LIGHT SOURCE**  
LED ARRAY  
10W  
799 lm  
2700K/CRI 90  
844 lm  
3000K/CRI 90

### LIGHT SHADOW SPOT 60



**LIGHT SOURCE**  
LED ARRAY  
Up to 20W  
Up to 1563 lm  
2700K/CRI 90  
Up to 1751 lm  
3000K/CRI 90

### SUSPENSION PANEL 600



**LIGHT SOURCE**  
TOP LED  
25,6W  
3332 lm  
2700K/CRI 90  
3540 lm  
3000K/CRI 90

### SUSPENSION GLASS DOWNLIGHT 110



**LIGHT SOURCE**  
LED ARRAY  
13,5W  
1296 lm  
2700K/CRI 90  
1371 lm  
3000K/CRI 90

### MULTIFUNCTION SMART DEVICE



**FLOS CONTROL®**  
by Casambi

# INFRA - STRUCTURE

## Light Tube

□ 40 Bianco  
40 White

■ 14 Nero  
14 Black



## Spot

□ 40 Bianco  
40 White

■ 05 Acciaio Spazzolato  
05 Brushed Steel

■ 14 Nero  
14 Black



## Light Shadow Spot

□ 40 Bianco  
40 White

■ 14 Nero  
14 Black

■ EQ Rame Spazzolato  
EQ Brushed Copper

■ ER Acciaio Spazzolato  
ER Brushed Steel

■ ES Bronzo Spazzolato  
ES Brushed Bronze



## Suspension Glass Downlight 110

□ 00 Vetro Trasparente  
00 Transparent Glass

■ FU Vetro Fumé  
FU Smoked Glass

■ RC Vetro Rosso  
RC Red Glass



## Suspension Panel

□ □

■ 14 Nero  
14 Black

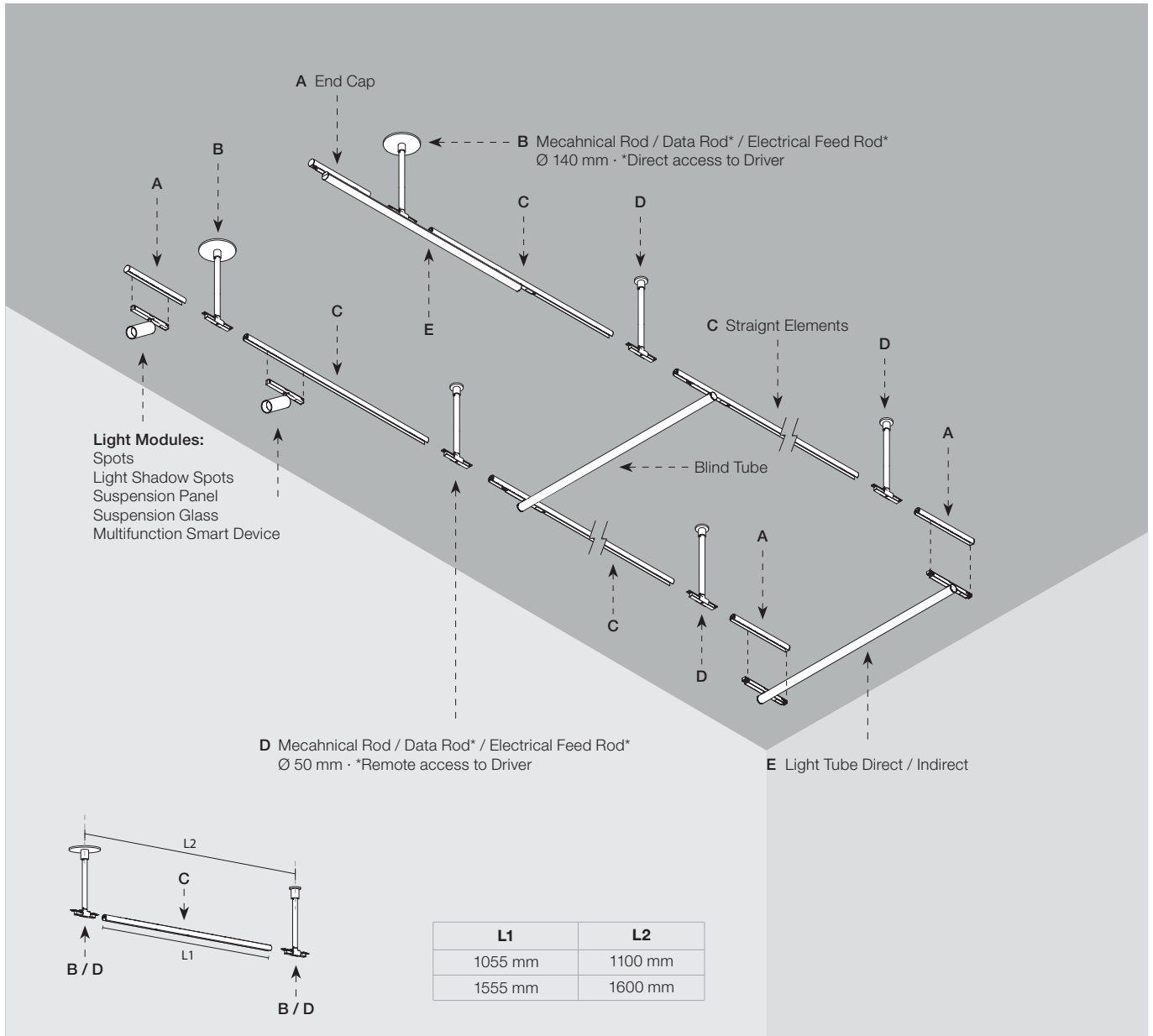


## Multifunction Smart Device

□ 40 Bianco  
40 White

■ 14 Nero  
14 Black





## Profili

Profilo elettromagnetico tubolare per installazione a superficie su soffitto con fissaggio con aste rigide e regolabili in altezza (25 mm). Aste non regolabili disponibili a richiesta.

I profili possono contenere apparecchi di illuminazione in versione "on board dimmer", DALI o 1-10 V, a seconda del sistema di controllo scelto.

Profili tubolari e terminali di chiusura disponibili in versione compatibile con apparecchi On Board Dimmer e versione compatibile con apparecchi controllabili come sistema (DALI, 1-10V o FLOS Control® by Casambi).

Profili tubolari disponibili in due lunghezze: 1055 mm (separazione tra aste 1100 mm) e 1555 mm (separazione tra aste 1600 mm).

I terminali di chiusura sono anch'essi elettrificati e devono essere ordinati separatamente.

Tutte le aste meccaniche ed elettriche sono comuni alle due versioni e sono disponibili in varie altezze (100, 300, 400 e 700mm).

Diverse versioni di aste di fissaggio:

- Asta meccanica con rosone da Ø50 o da Ø140: per fissaggio di profili.
- Asta di alimentazione elettrica con rosone da Ø50: asta di alimentazione per installazione remota della fonte di alimentazione in luogo accessibile.
- Asta di alimentazione elettrica con rosone da Ø140: asta di alimentazione per installazione remota della fonte di alimentazione attraverso il rosone.
- Asta di connessione dati con rosone da Ø50 o da Ø140: per connessione alla sorgente di segnale DALI o 1-10V.
- Maschera in alluminio per contrassegnare i punti di fissaggio per l'installazione delle aste disponibile separatamente.

## Profiles

Tubular electromagnetic profile for surface installation in ceilings through rigid and adjustable rods (25 mm). Not adjustable rigid rods available on request. Profiles and closure terminals are available in version compatible with luminaires "on board dimmer" and versions compatible with system controlled luminaires (DALI, 1-10V, FLOS Control® by Casambi).

Tubular profiles available in two lengths: 1055 mm (1100 mm separation between rods) and 1555 mm (1600 mm separation between rods).

The closure terminals will also be electrified and must be ordered separately. Mechanical and electrical rods are the same for the two profile versions and they are all available in multiple lengths (100, 300, 400, 700mm).

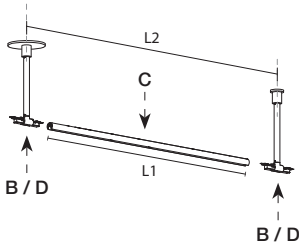
Different versions of fastening rods:

- Mechanic rod with a Ø50 or Ø140 connection rose: to fasten profiles.
- Electrical rod with a Ø50 connection rose: a supply rod for remote installation of the power supply in an accessible place.
- Electrical rod with a Ø140 connection rose: a supply rod for remote installation of the power supply through the connection rose.
- Data connection rod with a Ø50 or Ø140 connection rose: for connection to DALI or 1-10V bus signal.
- Aluminium stencil to mark the points for installing the rods available as separate item.

# INFRA-STRUCTURE – PROFILES

## C Elementi lineari.

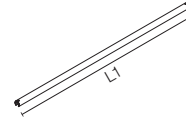
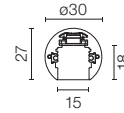
## C Straight elements.



L1	L2
1055 mm	1100 mm
1555 mm	1600 mm

Modello di maschera d'installazione in alluminio

Aluminium Installation Stencil



### On board dimmer / Casambi

L1: 1055 mm

06.5140.40

06.5140.14

L1: 1555 mm

06.5141.40

06.5141.14

### DALI / 1-10V / Casambi

L1: 1055 mm

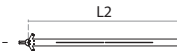
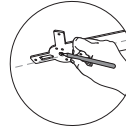
06.5100.40

06.5100.14

L1: 1555 mm

06.5101.40

06.5101.14



L2: 1100 mm

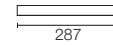
08.0032.00

L2: 1600 mm

08.0033.00

## A Terminale di chiusura.

## A Endcap.



### On board dimmer / Casambi

06.5142.40A

06.5142.14A

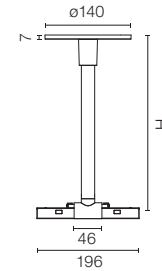
### DALI / 1-10V / Casambi

06.5135.40A

06.5135.14A

**B** Asta meccanica rosone ø140 mm.  
Regolabile 25mm per poter essere adattato a soffitti irregolari.

**B** Mechanical rod rose ø140 mm.  
Adjustable 25 mm, to adapt it to irregular ceilings.



H: 100 mm

06.5115.40

06.5115.14

H: 300 mm

06.5116.40

06.5116.14

H: 400 mm

06.5117.40

06.5117.14

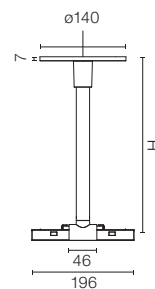
H: 700 mm

06.5118.40

06.5118.14

**B** Asta di alimentazione elettrica rosone ø140 mm.  
Regolabile 25mm per poter essere adattato a soffitti irregolari.

**B** Electrical feed rod rose ø140 mm.  
Adjustable 25 mm, to adapt it to irregular ceilings.



H: 100 mm

06.5125.40

06.5125.14

H: 300 mm

06.5126.40

06.5126.14

H: 400 mm

06.5127.40

06.5127.14

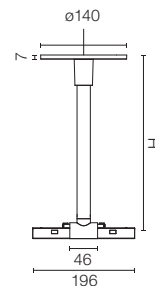
H: 700 mm

06.5128.40

06.5128.14

**B** Asta di connessione dati con rosone ø140 mm.  
Utilizzare una per ogni linea della installazione, per connessione alla sorgente di segnale DALI o 1-10V.  
Regolabile 25mm per poter essere adattato a soffitti irregolari.

**B** Data connection rod rose ø140 mm.  
Use one for each line of the installation, for connection to DALI or 1-10V signal source.  
Adjustable 25 mm, to adapt it to irregular ceilings.



H: 100 mm

06.5155.40

06.5155.14

H: 300 mm

06.5156.40

06.5156.14

H: 400 mm

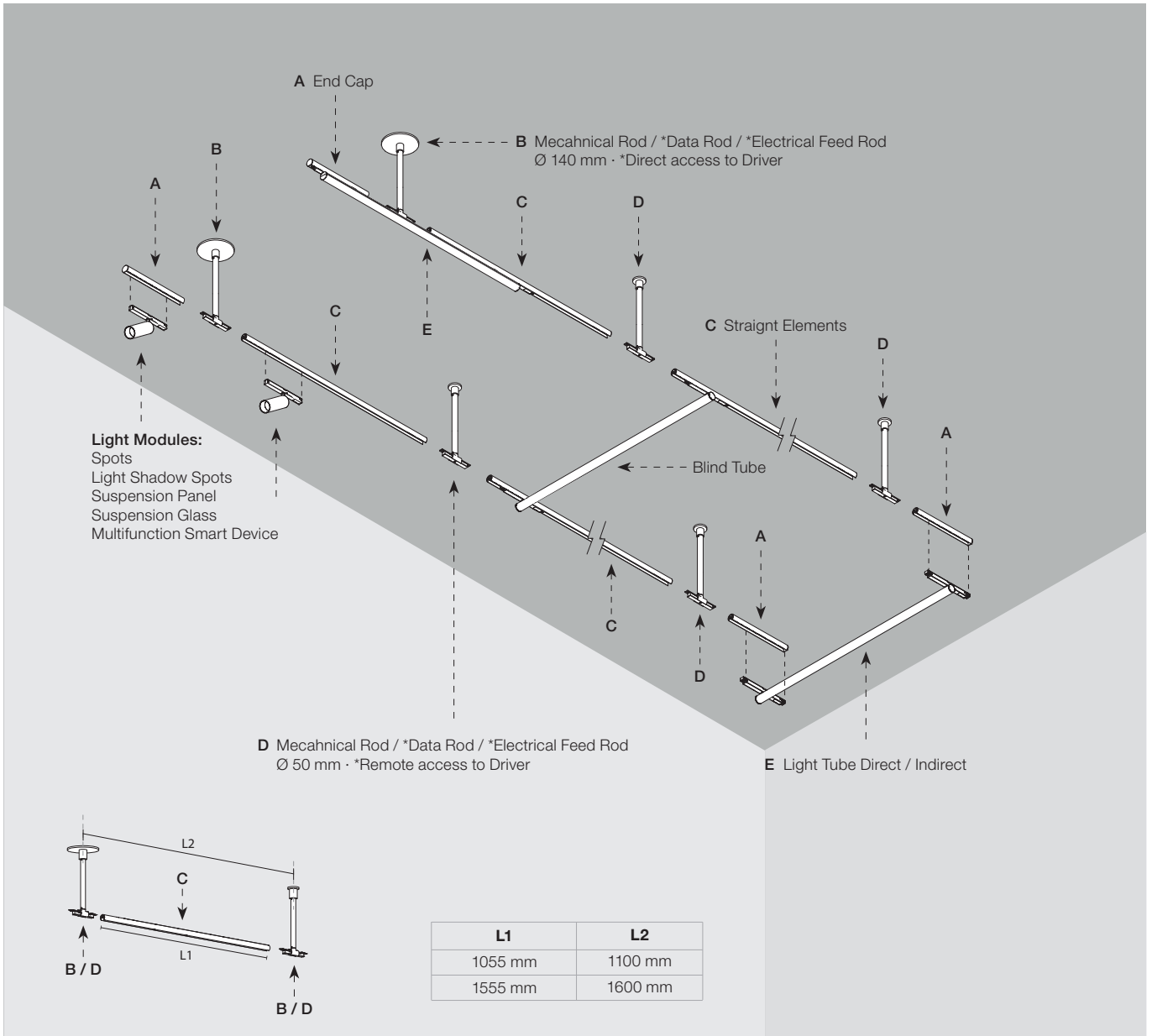
06.5157.40

06.5157.14

H: 700 mm

06.5158.40

06.5158.14

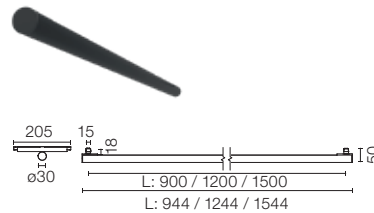


Tubo cieco.

Modulo meccanico (senza illuminazione) per l'installazione nel sistema Infra-Structure. Elementi di fissaggio girevoli 0°-90°, con connessione magnetica e blocco di sicurezza meccanico, per installazione trasversale tra due linee di profilo.

Blind tube.

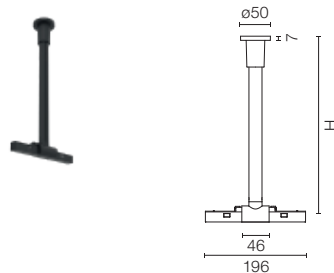
A mechanical module (without lighting) to be installed in the system infrastructure. Fixing components that rotate 0°-90°, with a magnetic connection and a mechanical safety lock. To be installed transversely between two profile lines.



- L: 900 mm
- 03.8120.40
- 03.8120.14
- L: 1200 mm
- 03.8121.40
- 03.8121.14
- L: 1500 mm
- 03.8122.40
- 03.8122.14

**D** Asta meccanica rosone ø50 mm. Regolabile 25mm per poter essere adattato a soffitti irregolari.

**D** Mechanical rod rose ø50 mm. Adjustable 25 mm, to adapt it to irregular ceilings.



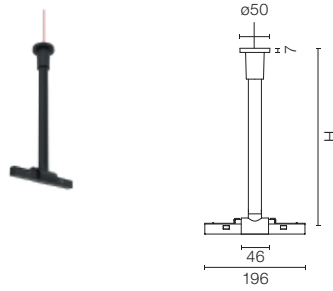
- H: 100 mm
- 06.5110.40
- 06.5110.14
- H: 300 mm
- 06.5111.40
- 06.5111.14
- H: 400 mm
- 06.5112.40
- 06.5112.14
- H: 700 mm
- 06.5113.40
- 06.5113.14



# INFRA-STRUCTURE – PROFILES

**D** Asta di alimentazione elettrica rosone ø50 mm. Regolabile 25mm per poter essere adattato a soffitti irregolari.

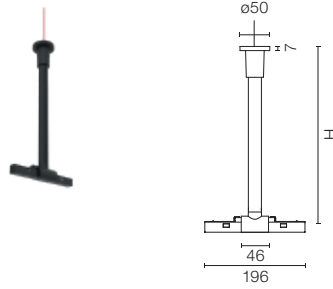
**D** Electrical feed rod rose ø50 mm. Adjustable 25 mm, to adapt it to irregular ceilings.



H: 100 mm  
 06.5120.40  
 06.5120.14  
 H: 300 mm  
 06.5121.40  
 06.5121.14  
 H: 400 mm  
 06.5122.40  
 06.5122.14  
 H: 700 mm  
 06.5123.40  
 06.5123.14

**D** Asta di connessione dati con rosone ø50 mm. Utilizzare una per ogni linea della installazione, per connessione alla sorgente di segnale DALI o 1-10V. Regolabile 25mm per poter essere adattato a soffitti irregolari.

**D** Data connection rod rose ø50mm. Use one for each line of the installation, for connection to DALI or 1-10V signal source. Adjustable 25 mm, to adapt it to irregular ceilings.

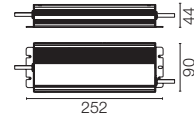


H: 100 mm  
 06.5150.40  
 06.5150.14  
 H: 300 mm  
 06.5151.40  
 06.5151.14  
 H: 400 mm  
 06.5152.40  
 06.5152.14  
 H: 700 mm  
 06.5153.40  
 06.5153.14

## Driver / Drivers

Alimentatore LED per installazione remota, 48V/320W. 100/240 Vac.

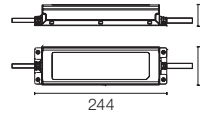
LED power supply source for remote installation, 48V/320W. 100/240 Vac.



\*RF27321

Alimentatore LED per installazione remota, 110Vac-135W / 220Vac-200W.

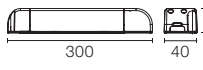
LED power supply source for remote installation, 110Vac-135W / 220Vac-200W.



\*60.9607

Alimentatore LED per installazione remota, 48V/120W. 220/240 Vac.

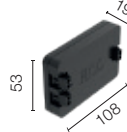
LED power supply source for remote installation, 48V/120W. 220/240 Vac.



\*60.9170

Scatola di controllo dimmerabile da 1-10V, 24/48V. Per installazione remota. Per trasformare sistemi passivi (SINK) in attivi (SOURCE). Deve essere posizionata tra l'unità di controllo e il binario. Nota importante: Massimo 25 moduli di luce.

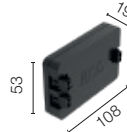
Control dimming box, 1-10V, 24/48V. For remote installation. For transforming passive systems (SINK) into active systems (SOURCE). It must be positioned between the control unit and the track. Important note: Maximum of 25 light modules.



DIM 1-10V - 24/48V  
 \*\*08.0613.14A

Gateway di regolazione wireless. Da 1-10V a Casambi. Per installazione remota. Vedi le specifiche del prodotto nel manuale Flos Control. Consigliato per fungere da gateway da Lutron a Casambi.

Wireless Dimmer Bridge. From 1-10V to Casambi. For remote installation. See product specifications in the Flos Control manual. Recommended to act as a gateway from Lutron to Casambi.

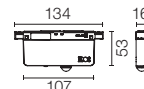


DIM 1-10V >> Casambi  
 08.0824.14

## Accessori / Accessories

Dispositivo intelligente multifunzione. Triplice funzionalità 3x1: ripetitore di segnale Casambi, sensore per l'illuminazione d'ambiente e rilevatore di presenza. FLOS Control® by Casambi.

Multifunction Smart Device. Triple functionality 3x1: Casambi signal repeater, light sensor and presence detector. FLOS Control® by Casambi.



06.1988.40  
 06.1988.14

\* Per il dimensionamento dell'impianto, mantenere un margine di sicurezza di circa il 15% della potenza massima dell'alimentatore LED / For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

\*\* È necessario un sistema di controllo attivo (SOURCE) e il collegamento del bus di dati di controllo direttamente al profilo. Per sistemi passivi (SINK) è necessaria l'unità di controllo Dimming BOX (posizionata tra l'unità di controllo e il binario). / An active control system (SOURCE) is required and the data bus must be connected directly to the profile. For passive systems (SINK), a Dimming BOX Control unit is required (located between the control unit and the profile).

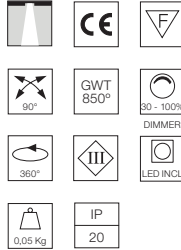
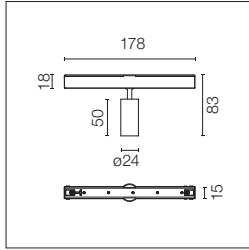




# INFRA-STRUCTURE – LIGHT MODULES

## Spot 50

**Light Source:** Power LED 3,5W - 286 lm - 2700K/CRI 90 / 3,5W - 307 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema Infra-Structure.  
Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Infra-Structure System.  
For wireless lighting control, choose Casambi versions.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

### 2700K

On board dimmer

- 03.8032.40A
- 03.8032.05A
- 03.8032.14A

Dali 2

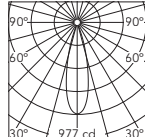
- 03.8032.40ADA
- 03.8032.05ADA
- 03.8032.14ADA

1-10V

- 03.8032.40A1V
- 03.8032.05A1V
- 03.8032.14A1V

Casambi

- 03.8032.40ACB
- 03.8032.05ACB
- 03.8032.14ACB



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	977	0.47
2	244	0.94
3	109	1.41
4	61	1.88
5	39	2.35

Luminous flux luminaire  
205 lm (EXTREME CUT OFF)

### 3000K

On board dimmer

- 03.8033.40A
- 03.8033.05A
- 03.8033.14A

Dali 2

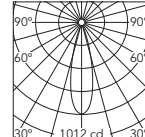
- 03.8033.40ADA
- 03.8033.05ADA
- 03.8033.14ADA

1-10V

- 03.8033.40A1V
- 03.8033.05A1V
- 03.8033.14A1V

Casambi

- 03.8033.40ACB
- 03.8033.05ACB
- 03.8033.14ACB



Beam Angle: 26°

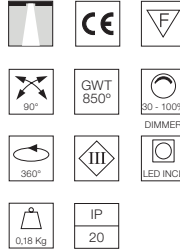
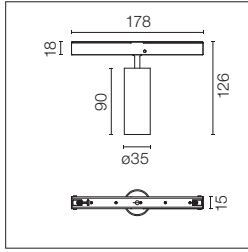
h(m)	E(lx)	D(m)
1	1012	0.47
2	253	0.94
3	112	1.41
4	63	1.88
5	40	2.35

Luminous flux luminaire  
212 lm (EXTREME CUT OFF)

# INFRA-STRUCTURE – LIGHT MODULES

## Spot 90

**Light Source:** Power LED 8,5W - 610 lm - 2700K/CRI 90 / 8,5W - 656 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema Infra-Structure.  
Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Infra-Structure System.  
For wireless lighting control, choose Casambi versions.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

### 2700K

On board dimmer

- 03.8042.40A
- 03.8042.05A
- 03.8042.14A

Dali 2

- 03.8042.40ADA
- 03.8042.05ADA
- 03.8042.14ADA

1-10V

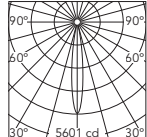
- 03.8042.40A1V
- 03.8042.05A1V
- 03.8042.14A1V

Casambi

- 03.8042.40ACB
- 03.8042.05ACB
- 03.8042.14ACB



SPOT



Luminous flux luminaire  
428 lm (EXTREME CUT OFF)

Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5601	0.25
2	1400	0.49
3	622	0.74
4	350	0.98
5	224	1.23

### 3000K

On board dimmer

- 03.8043.40A
- 03.8043.05A
- 03.8043.14A

Dali 2

- 03.8043.40ADA
- 03.8043.05ADA
- 03.8043.14ADA

1-10V

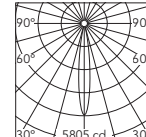
- 03.8043.40A1V
- 03.8043.05A1V
- 03.8043.14A1V

Casambi

- 03.8043.40ACB
- 03.8043.05ACB
- 03.8043.14ACB



SPOT



Luminous flux luminaire  
443 lm (EXTREME CUT OFF)

Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5805	0.25
2	1451	0.49
3	645	0.74
4	363	0.98
5	232	1.23

### 2700K

On board dimmer

- 03.8044.40A
- 03.8044.05A
- 03.8044.14A

Dali 2

- 03.8044.40ADA
- 03.8044.05ADA
- 03.8044.14ADA

1-10V

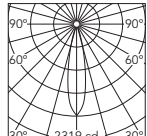
- 03.8044.40A1V
- 03.8044.05A1V
- 03.8044.14A1V

Casambi

- 03.8044.40ACB
- 03.8044.05ACB
- 03.8044.14ACB



MEDIUM



Luminous flux luminaire  
392 lm (EXTREME CUT OFF)

Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2319	0.38
2	580	0.77
3	258	1.15
4	145	1.54
5	93	1.92

### 3000K

On board dimmer

- 03.8045.40A
- 03.8045.05A
- 03.8045.14A

Dali 2

- 03.8045.40ADA
- 03.8045.05ADA
- 03.8045.14ADA

1-10V

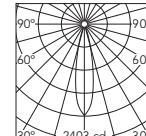
- 03.8045.40A1V
- 03.8045.05A1V
- 03.8045.14A1V

Casambi

- 03.8045.40ACB
- 03.8045.05ACB
- 03.8045.14ACB



MEDIUM



Luminous flux luminaire  
406 lm (EXTREME CUT OFF)

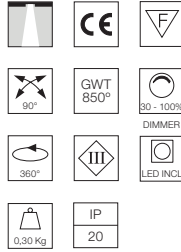
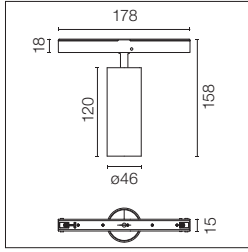
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2403	0.38
2	601	0.77
3	267	1.15
4	150	1.54
5	96	1.92

# INFRA-STRUCTURE – LIGHT MODULES

## Spot 120

**Light Source:** Power LED 12W - 724 lm - 2700K/CRI 90 / 12W - 779 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema Infra-Structure.  
Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Infra-Structure System.  
For wireless lighting control, choose Casambi versions.

### 2700K

On board dimmer

- 03.8052.40A
- 03.8052.05A
- 03.8052.14A

Dali 2

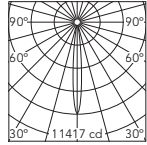
- 03.8052.40ADA
- 03.8052.05ADA
- 03.8052.14ADA

1-10V

- 03.8052.40A1V
- 03.8052.05A1V
- 03.8052.14A1V

Casambi

- 03.8052.40ACB
- 03.8052.05ACB
- 03.8052.14ACB



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	11417	0.19
2	2854	0.37
3	1269	0.56
4	714	0.75
5	457	0.93

Luminous flux luminaire  
539 lm (EXTREME CUT OFF)

### 3000K

On board dimmer

- 03.8053.40A
- 03.8053.05A
- 03.8053.14A

Dali 2

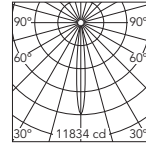
- 03.8053.40ADA
- 03.8053.05ADA
- 03.8053.14ADA

1-10V

- 03.8053.40A1V
- 03.8053.05A1V
- 03.8053.14A1V

Casambi

- 03.8053.40ACB
- 03.8053.05ACB
- 03.8053.14ACB



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	11834	0.19
2	2958	0.37
3	1315	0.56
4	740	0.75
5	473	0.93

Luminous flux luminaire  
558 lm (EXTREME CUT OFF)

### 2700K

On board dimmer

- 03.8054.40A
- 03.8054.05A
- 03.8054.14A

Dali 2

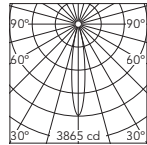
- 03.8054.40ADA
- 03.8054.05ADA
- 03.8054.14ADA

1-10V

- 03.8054.40A1V
- 03.8054.05A1V
- 03.8054.14A1V

Casambi

- 03.8054.40ACB
- 03.8054.05ACB
- 03.8054.14ACB



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	3865	0.29
2	966	0.59
3	429	0.88
4	242	1.18
5	155	1.47

Luminous flux luminaire  
487 lm (EXTREME CUT OFF)

### 3000K

On board dimmer

- 03.8055.40A
- 03.8055.05A
- 03.8055.14A

Dali 2

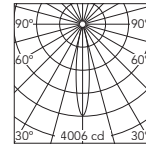
- 03.8055.40ADA
- 03.8055.05ADA
- 03.8055.14ADA

1-10V

- 03.8055.40A1V
- 03.8055.05A1V
- 03.8055.14A1V

Casambi

- 03.8055.40ACB
- 03.8055.05ACB
- 03.8055.14ACB



Beam Angle: 17°

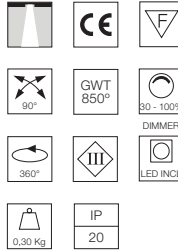
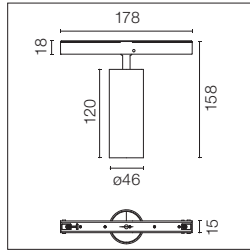
h(m)	E(lx)	D(m)
1	4006	0.29
2	1001	0.59
3	445	0.88
4	250	1.18
5	160	1.47

Luminous flux luminaire  
505 lm (EXTREME CUT OFF)

# INFRA-STRUCTURE – LIGHT MODULES

## Spot 120

Light Source: LED Array 12,5W - 1075 lm - 2700K/CRI 90 / 12,5W - 1138 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema Infra-Structure.  
Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Infra-Structure System.  
For wireless lighting control, choose Casambi versions.

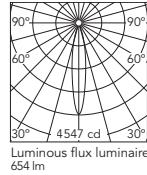
Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

### 2700K

On board dimmer

- 03.8154.40
- 03.8154.05
- 03.8154.14
- Dali 2
- 03.8154.40.DA
- 03.8154.05.DA
- 03.8154.14.DA
- 1-10V
- 03.8154.40.1V
- 03.8154.05.1V
- 03.8154.14.1V
- Casambi
- 03.8154.40.CB
- 03.8154.05.CB
- 03.8154.14.CB



Beam Angle: 17°

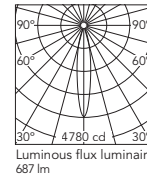
h(m)	Elx)	D(m)
1	4547	0.31
2	1137	0.61
3	505	0.92
4	284	1.23
5	182	1.53

Luminous flux luminaire 654 lm

### 3000K

On board dimmer

- 03.8155.40
- 03.8155.05
- 03.8155.14
- Dali 2
- 03.8155.40.DA
- 03.8155.05.DA
- 03.8155.14.DA
- 1-10V
- 03.8155.40.1V
- 03.8155.05.1V
- 03.8155.14.1V
- Casambi
- 03.8155.40.CB
- 03.8155.05.CB
- 03.8155.14.CB



Beam Angle: 17°

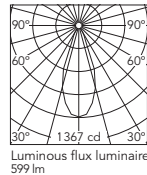
h(m)	Elx)	D(m)
1	4780	0.31
2	1195	0.61
3	531	0.92
4	299	1.23
5	191	1.53

Luminous flux luminaire 687 lm

### 2700K

On board dimmer

- 03.8156.40
- 03.8156.05
- 03.8156.14
- Dali 2
- 03.8156.40.DA
- 03.8156.05.DA
- 03.8156.14.DA
- 1-10V
- 03.8156.40.1V
- 03.8156.05.1V
- 03.8156.14.1V
- Casambi
- 03.8156.40.CB
- 03.8156.05.CB
- 03.8156.14.CB



Beam Angle: 40°

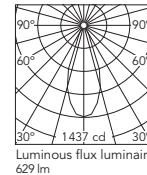
h(m)	Elx)	D(m)
1	1367	0.73
2	342	1.45
3	152	2.18
4	85	2.91
5	55	3.64

Luminous flux luminaire 599 lm

### 3000K

On board dimmer

- 03.8157.40
- 03.8157.05
- 03.8157.14
- Dali 2
- 03.8157.40.DA
- 03.8157.05.DA
- 03.8157.14.DA
- 1-10V
- 03.8157.40.1V
- 03.8157.05.1V
- 03.8157.14.1V
- Casambi
- 03.8157.40.CB
- 03.8157.05.CB
- 03.8157.14.CB



Beam Angle: 40°

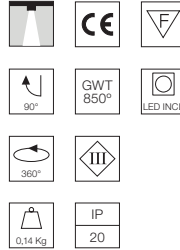
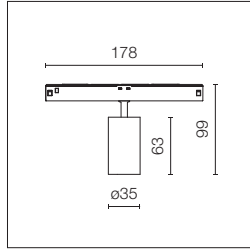
h(m)	Elx)	D(m)
1	1437	0.73
2	359	1.45
3	160	2.18
4	90	2.91
5	57	3.64

Luminous flux luminaire 629 lm

# INFRA-STRUCTURE – LIGHT MODULES

## Light Shadow Spot 30

**Light Source:** Power LED 4,5W - 257 lm - 2700K/CRI 90 / 4,5W - 263 lm - 3000K/CRI 90



Modulo d'illuminazione LED focale da installare nel sistema Infra-Structure  
 Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
 Accessori disponibili (schermo nido d'ape e filtri dichroici CCT).

LED accent lighting module for installation in Infra-Structure system.  
 For wireless control of luminaires, please select Casambi integrated versions.  
 Accessories available, (honeycomb and CCT dichroic filters).

### Optic Spot - 2700K

On board dimmer

- 05.9000.40
- 05.9000.14
- 05.9000.ER
- 05.9000.ES
- 05.9000.EQ

Dali 2

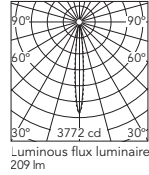
- 05.9000.40.DA
- 05.9000.14.DA
- 05.9000.ER.DA
- 05.9000.ES.DA
- 05.9000.EQ.DA

1-10V

- 05.9000.40.1V
- 05.9000.14.1V
- 05.9000.ER.1V
- 05.9000.ES.1V
- 05.9000.EQ.1V

Casambi

- 05.9000.40.CB
- 05.9000.14.CB
- 05.9000.ER.CB
- 05.9000.ES.CB
- 05.9000.EQ.CB



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	3772	0.18
2	943	0.36
3	419	0.54
4	236	0.72
5	151	0.90

### Optic Spot - 3000K

On board dimmer

- 05.9005.40
- 05.9005.14
- 05.9005.ER
- 05.9005.ES
- 05.9005.EQ

Dali 2

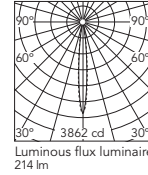
- 05.9005.40.DA
- 05.9005.14.DA
- 05.9005.ER.DA
- 05.9005.ES.DA
- 05.9005.EQ.DA

1-10V

- 05.9005.40.1V
- 05.9005.14.1V
- 05.9005.ER.1V
- 05.9005.ES.1V
- 05.9005.EQ.1V

Casambi

- 05.9005.40.CB
- 05.9005.14.CB
- 05.9005.ER.CB
- 05.9005.ES.CB
- 05.9005.EQ.CB



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	3862	0.18
2	966	0.36
3	429	0.54
4	241	0.72
5	154	0.90

### Optic Medium - 2700K

On board dimmer

- 05.9001.40
- 05.9001.14
- 05.9001.ER
- 05.9001.ES
- 05.9001.EQ

Dali 2

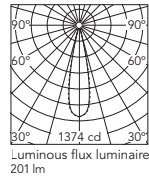
- 05.9001.40.DA
- 05.9001.14.DA
- 05.9001.ER.DA
- 05.9001.ES.DA
- 05.9001.EQ.DA

1-10V

- 05.9001.40.1V
- 05.9001.14.1V
- 05.9001.ER.1V
- 05.9001.ES.1V
- 05.9001.EQ.1V

Casambi

- 05.9001.40.CB
- 05.9001.14.CB
- 05.9001.ER.CB
- 05.9001.ES.CB
- 05.9001.EQ.CB



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1374	0.39
2	344	0.78
3	153	1.17
4	86	1.56
5	55	1.95

### Optic Medium - 3000K

On board dimmer

- 05.9006.40
- 05.9006.14
- 05.9006.ER
- 05.9006.ES
- 05.9006.EQ

Dali 2

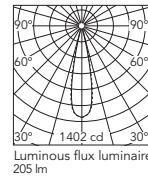
- 05.9006.40.DA
- 05.9006.14.DA
- 05.9006.ER.DA
- 05.9006.ES.DA
- 05.9006.EQ.DA

1-10V

- 05.9006.40.1V
- 05.9006.14.1V
- 05.9006.ER.1V
- 05.9006.ES.1V
- 05.9006.EQ.1V

Casambi

- 05.9006.40.CB
- 05.9006.14.CB
- 05.9006.ER.CB
- 05.9006.ES.CB
- 05.9006.EQ.CB



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1402	0.39
2	350	0.78
3	156	1.17
4	88	1.56
5	56	1.95

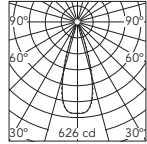


# INFRA-STRUCTURE – LIGHT MODULES

## Optic Flood - 2700K

On board dimmer

- 05.9002.40
- 05.9002.14
- 05.9002.ER
- 05.9002.ES
- 05.9002.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	625	0.60
2	156	1.19
3	69	1.79
4	39	2.39
5	25	2.99

Luminous flux luminaire  
200 lm

Dali 2

- 05.9002.40.DA
- 05.9002.14.DA
- 05.9002.ER.DA
- 05.9002.ES.DA
- 05.9002.EQ.DA

1-10V

- 05.9002.40.1V
- 05.9002.14.1V
- 05.9002.ER.1V
- 05.9002.ES.1V
- 05.9002.EQ.1V

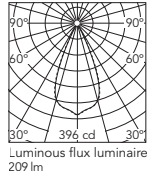
Casambi

- 05.9002.40.CB
- 05.9002.14.CB
- 05.9002.ER.CB
- 05.9002.ES.CB
- 05.9002.EQ.CB

## Optic Wide Flood - 2700K

On board dimmer

- 05.9003.40
- 05.9003.14
- 05.9003.ER
- 05.9003.ES
- 05.9003.EQ



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	396	0.84
2	99	1.69
3	44	2.53
4	25	3.38
5	16	4.22

Luminous flux luminaire  
209 lm

Dali 2

- 05.9003.40.DA
- 05.9003.14.DA
- 05.9003.ER.DA
- 05.9003.ES.DA
- 05.9003.EQ.DA

1-10V

- 05.9003.40.1V
- 05.9003.14.1V
- 05.9003.ER.1V
- 05.9003.ES.1V
- 05.9003.EQ.1V

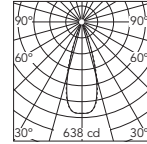
Casambi

- 05.9003.40.CB
- 05.9003.14.CB
- 05.9003.ER.CB
- 05.9003.ES.CB
- 05.9003.EQ.CB

## Optic Flood - 3000K

On board dimmer

- 05.9007.40
- 05.9007.14
- 05.9007.ER
- 05.9007.ES
- 05.9007.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	638	0.60
2	159	1.19
3	71	1.79
4	40	2.39
5	26	2.99

Luminous flux luminaire  
204 lm

Dali 2

- 05.9007.40.DA
- 05.9007.14.DA
- 05.9007.ER.DA
- 05.9007.ES.DA
- 05.9007.EQ.DA

1-10V

- 05.9007.40.1V
- 05.9007.14.1V
- 05.9007.ER.1V
- 05.9007.ES.1V
- 05.9007.EQ.1V

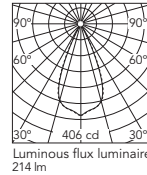
Casambi

- 05.9007.40.CB
- 05.9007.14.CB
- 05.9007.ER.CB
- 05.9007.ES.CB
- 05.9007.EQ.CB

## Optic Wide Flood - 3000K

On board dimmer

- 05.9008.40
- 05.9008.14
- 05.9008.ER
- 05.9008.ES
- 05.9008.EQ



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	406	0.84
2	101	1.69
3	45	2.53
4	25	3.38
5	16	4.22

Luminous flux luminaire  
214 lm

Dali 2

- 05.9008.40.DA
- 05.9008.14.DA
- 05.9008.ER.DA
- 05.9008.ES.DA
- 05.9008.EQ.DA

1-10V

- 05.9008.40.1V
- 05.9008.14.1V
- 05.9008.ER.1V
- 05.9008.ES.1V
- 05.9008.EQ.1V

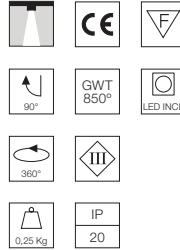
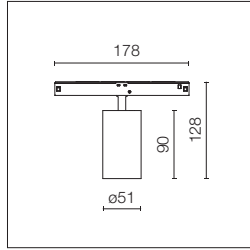
Casambi

- 05.9008.40.CB
- 05.9008.14.CB
- 05.9008.ER.CB
- 05.9008.ES.CB
- 05.9008.EQ.CB

# INFRA-STRUCTURE – LIGHT MODULES

## Light Shadow Spot 45

Light Source: LED Array 10W - 799 lm - 2700K/CRI 90 / 10W - 844 lm - 3000K/CRI 90



Modulo d'illuminazione LED focale da installare nel sistema Infra-Structure  
 Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
 Accessori disponibili (schermo nido d'ape e filtri dichroici CCT).

LED accent lighting module for installation in Infra-Structure system.  
 For wireless control of luminaires, please select Casambi integrated versions.  
 Accessories available, (honeycomb and CCT dichroic filters).

### Optic Spot - 2700K

On board dimmer

- 05.9030.40
- 05.9030.14
- 05.9030.ER
- 05.9030.ES
- 05.9030.EQ

Dali 2

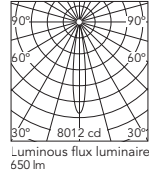
- 05.9030.40.DA
- 05.9030.14.DA
- 05.9030.ER.DA
- 05.9030.ES.DA
- 05.9030.EQ.DA

1-10V

- 05.9030.40.1V
- 05.9030.14.1V
- 05.9030.ER.1V
- 05.9030.ES.1V
- 05.9030.EQ.1V

Casambi

- 05.9030.40.CB
- 05.9030.14.CB
- 05.9030.ER.CB
- 05.9030.ES.CB
- 05.9030.EQ.CB



Beam Angle: 15°			
h(m)	E(lx)	D(m)	
1	8012	0.27	
2	2003	0.54	
3	890	0.80	
4	501	1.07	
5	320	1.34	

Luminous flux luminaire 650 lm

### Optic Spot - 3000K

On board dimmer

- 05.9035.40
- 05.9035.14
- 05.9035.ER
- 05.9035.ES
- 05.9035.EQ

Dali 2

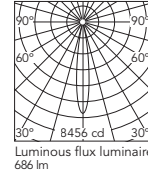
- 05.9035.40.DA
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- 05.9035.EQ.DA

1-10V

- 05.9035.40.1V
- 05.9035.14.1V
- 05.9035.ER.1V
- 05.9035.ES.1V
- 05.9035.EQ.1V

Casambi

- 05.9035.40.CB
- 05.9035.14.CB
- 05.9035.ER.CB
- 05.9035.ES.CB
- 05.9035.EQ.CB



Beam Angle: 15°			
h(m)	E(lx)	D(m)	
1	8456	0.27	
2	2114	0.54	
3	940	0.80	
4	528	1.07	
5	338	1.34	

Luminous flux luminaire 686 lm

### Optic Medium - 2700K

On board dimmer

- 05.9031.40
- 05.9031.14
- 05.9031.ER
- 05.9031.ES
- 05.9031.EQ

Dali 2

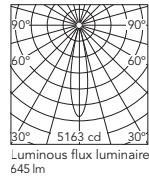
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- 05.9031.ES.DA
- 05.9031.EQ.DA

1-10V

- 05.9031.40.1V
- 05.9031.14.1V
- 05.9031.ER.1V
- 05.9031.ES.1V
- 05.9031.EQ.1V

Casambi

- 05.9031.40.CB
- 05.9031.14.CB
- 05.9031.ER.CB
- 05.9031.ES.CB
- 05.9031.EQ.CB



Beam Angle: 21°			
h(m)	E(lx)	D(m)	
1	5163	0.36	
2	1291	0.73	
3	574	1.09	
4	323	1.46	
5	207	1.82	

Luminous flux luminaire 645 lm

### Optic Medium - 3000K

On board dimmer

- 05.9036.40
- 05.9036.14
- 05.9036.ER
- 05.9036.ES
- 05.9036.EQ

Dali 2

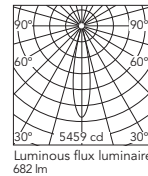
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- 05.9036.14.DA
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- 05.9036.EQ.DA

1-10V

- 05.9036.40.1V
- 05.9036.14.1V
- 05.9036.ER.1V
- 05.9036.ES.1V
- 05.9036.EQ.1V

Casambi

- 05.9036.40.CB
- 05.9036.14.CB
- 05.9036.ER.CB
- 05.9036.ES.CB
- 05.9036.EQ.CB





Beam Angle: 21°			
h(m)	E(lx)	D(m)	
1	5459	0.36	
2	1365	0.73	
3	607	1.09	
4	341	1.46	
5	218	1.82	

Luminous flux luminaire 682 lm






# INFRA-STRUCTURE – LIGHT MODULES

## Optic Flood - 2700K






On board dimmer

-  05.9032.40
-  05.9032.14
-  05.9032.ER
-  05.9032.ES
-  05.9032.EQ






Dali 2

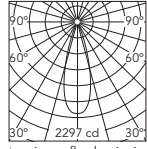
-  05.9032.40.DA
-  05.9032.14.DA
-  05.9032.ER.DA
-  05.9032.ES.DA
-  05.9032.EQ.DA

1-10V

-  05.9032.40.1V
-  05.9032.14.1V
-  05.9032.ER.1V
-  05.9032.ES.1V
-  05.9032.EQ.1V

Casambi

-  05.9032.40.CB
-  05.9032.14.CB
-  05.9032.ER.CB
-  05.9032.ES.CB
-  05.9032.EQ.CB








Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2296	0.56
2	574	1.11
3	255	1.67
4	144	2.22
5	92	2.78






Luminous flux luminaire  
646 lm

## Optic Flood - 3000K






On board dimmer

-  05.9037.40
-  05.9037.14
-  05.9037.ER
-  05.9037.ES
-  05.9037.EQ






Dali 2

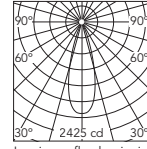
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-  05.9037.14.DA
-  05.9037.ER.DA
-  05.9037.ES.DA
-  05.9037.EQ.DA

1-10V

-  05.9037.40.1V
-  05.9037.14.1V
-  05.9037.ER.1V
-  05.9037.ES.1V
-  05.9037.EQ.1V

Casambi

-  05.9037.40.CB
-  05.9037.14.CB
-  05.9037.ER.CB
-  05.9037.ES.CB
-  05.9037.EQ.CB



Beam Angle: 31°

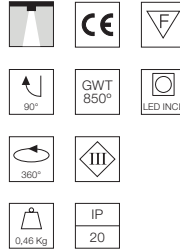
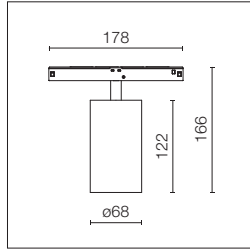
h(m)	E(lx)	D(m)
1	2424	0.56
2	606	1.11
3	269	1.67
4	152	2.22
5	97	2.78

Luminous flux luminaire  
682 lm

# INFRA-STRUCTURE – LIGHT MODULES

## Light Shadow Spot 60

**Light Source:** Super Spot: LED Array 10W - 799 lm - 2700K/CRI 90 / 10W - 844 lm - 3000K/CRI 90  
S/M/F/WF: LED Array 20W - 1563 lm - 2700K/CRI 90 / 20W - 1751 lm - 3000K/CRI 90



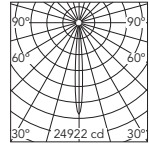
Modulo d'illuminazione LED focale da installare nel sistema Infra-Structure  
Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
Accessori disponibili (schermo nido d'ape e filtri dicroici CCT).

LED accent lighting module for installation in Infra-Structure system.  
For wireless control of luminaires, please select Casambi integrated versions.  
Accessories available, (honeycomb and CCT dichroic filters).

### Optic Super Spot - 2700K

On board dimmer

- 05.9060.40
- 05.9060.14
- 05.9060.ER
- 05.9060.ES
- 05.9060.EQ



Beam Angle:	9°
	h(m) E(lx) D(m)
1	24922 0.16
2	6230 0.32
3	2769 0.48
4	1558 0.64
5	997 0.80

Luminous flux luminaire 765 lm

Dali 2

- 05.9060.40.DA
- 05.9060.14.DA
- 05.9060.ER.DA
- 05.9060.ES.DA
- 05.9060.EQ.DA

1-10V

- 05.9060.40.1V
- 05.9060.14.1V
- 05.9060.ER.1V
- 05.9060.ES.1V
- 05.9060.EQ.1V

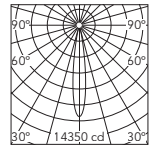
Casambi

- 05.9060.40.CB
- 05.9060.14.CB
- 05.9060.ER.CB
- 05.9060.ES.CB
- 05.9060.EQ.CB

### Optic Spot - 2700K

On board dimmer

- 05.9061.40
- 05.9061.14
- 05.9061.ER
- 05.9061.ES
- 05.9061.EQ



Beam Angle:	15°
	h(m) E(lx) D(m)
1	14350 0.27
2	3587 0.54
3	1594 0.81
4	897 1.09
5	574 1.36

Luminous flux luminaire 1251 lm

Dali 2

- 05.9061.40.DA
- 05.9061.14.DA
- 05.9061.ER.DA
- 05.9061.ES.DA
- 05.9061.EQ.DA

1-10V

- 05.9061.40.1V
- 05.9061.14.1V
- 05.9061.ER.1V
- 05.9061.ES.1V
- 05.9061.EQ.1V

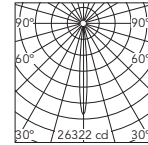
Casambi

- 05.9061.40.CB
- 05.9061.14.CB
- 05.9061.ER.CB
- 05.9061.ES.CB
- 05.9061.EQ.CB

### Optic Super Spot - 3000K

On board dimmer

- 05.9065.40
- 05.9065.14
- 05.9065.ER
- 05.9065.ES
- 05.9065.EQ



Beam Angle:	9°
	h(m) E(lx) D(m)
1	26322 0.16
2	6581 0.32
3	2925 0.48
4	1645 0.64
5	1053 0.80

Luminous flux luminaire 808 lm

Dali 2

- 05.9065.40.DA
- 05.9065.14.DA
- 05.9065.ER.DA
- 05.9065.ES.DA
- 05.9065.EQ.DA

1-10V

- 05.9065.40.1V
- 05.9065.14.1V
- 05.9065.ER.1V
- 05.9065.ES.1V
- 05.9065.EQ.1V

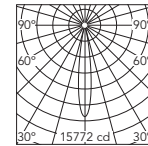
Casambi

- 05.9065.40.CB
- 05.9065.14.CB
- 05.9065.ER.CB
- 05.9065.ES.CB
- 05.9065.EQ.CB

### Optic Spot - 3000K

On board dimmer

- 05.9066.40
- 05.9066.14
- 05.9066.ER
- 05.9066.ES
- 05.9066.EQ



Beam Angle:	15°
	h(m) E(lx) D(m)
1	15772 0.27
2	3943 0.54
3	1752 0.81
4	986 1.09
5	631 1.36

Luminous flux luminaire 1375 lm

Dali 2

- 05.9066.40.DA
- 05.9066.14.DA
- 05.9066.ER.DA
- 05.9066.ES.DA
- 05.9066.EQ.DA

1-10V

- 05.9066.40.1V
- 05.9066.14.1V
- 05.9066.ER.1V
- 05.9066.ES.1V
- 05.9066.EQ.1V

Casambi

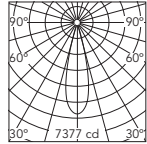
- 05.9066.40.CB
- 05.9066.14.CB
- 05.9066.ER.CB
- 05.9066.ES.CB
- 05.9066.EQ.CB

# INFRA-STRUCTURE – LIGHT MODULES

## Optic Medium - 2700K

On board dimmer

- 05.9062.40
- 05.9062.14
- 05.9062.ER
- 05.9062.ES
- 05.9062.EQ



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	7377	0.45
2	1844	0.91
3	820	1.36
4	461	1.82
5	295	2.27

Luminous flux luminaire  
1298 lm

Dali 2

- 05.9062.40.DA
- 05.9062.14.DA
- 05.9062.ER.DA
- 05.9062.ES.DA
- 05.9062.EQ.DA

1-10V

- 05.9062.40.1V
- 05.9062.14.1V
- 05.9062.ER.1V
- 05.9062.ES.1V
- 05.9062.EQ.1V

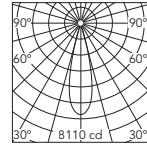
Casambi

- 05.9062.40.CB
- 05.9062.14.CB
- 05.9062.ER.CB
- 05.9062.ES.CB
- 05.9062.EQ.CB

## Optic Medium - 3000K

On board dimmer

- 05.9067.40
- 05.9067.14
- 05.9067.ER
- 05.9067.ES
- 05.9067.EQ



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	8110	0.45
2	2027	0.91
3	901	1.36
4	507	1.82
5	324	2.27

Luminous flux luminaire  
1427 lm

Dali 2

- 05.9067.40.DA
- 05.9067.14.DA
- 05.9067.ER.DA
- 05.9067.ES.DA
- 05.9067.EQ.DA

1-10V

- 05.9067.40.1V
- 05.9067.14.1V
- 05.9067.ER.1V
- 05.9067.ES.1V
- 05.9067.EQ.1V

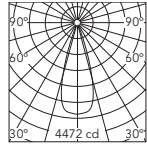
Casambi

- 05.9067.40.CB
- 05.9067.14.CB
- 05.9067.ER.CB
- 05.9067.ES.CB
- 05.9067.EQ.CB

## Optic Flood - 2700K

On board dimmer

- 05.9063.40
- 05.9063.14
- 05.9063.ER
- 05.9063.ES
- 05.9063.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	4472	0.60
2	1118	1.20
3	497	1.80
4	279	2.40
5	179	3.00

Luminous flux luminaire  
1304 lm

Dali 2

- 05.9063.40.DA
- 05.9063.14.DA
- 05.9063.ER.DA
- 05.9063.ES.DA
- 05.9063.EQ.DA

1-10V

- 05.9063.40.1V
- 05.9063.14.1V
- 05.9063.ER.1V
- 05.9063.ES.1V
- 05.9063.EQ.1V

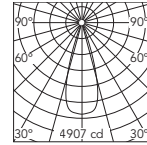
Casambi

- 05.9063.40.CB
- 05.9063.14.CB
- 05.9063.ER.CB
- 05.9063.ES.CB
- 05.9063.EQ.CB

## Optic Flood - 3000K

On board dimmer

- 05.9068.40
- 05.9068.14
- 05.9068.ER
- 05.9068.ES
- 05.9068.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	4907	0.60
2	1227	1.20
3	545	1.80
4	307	2.40
5	196	3.00

Luminous flux luminaire  
1431 lm

Dali 2

- 05.9068.40.DA
- 05.9068.14.DA
- 05.9068.ER.DA
- 05.9068.ES.DA
- 05.9068.EQ.DA

1-10V

- 05.9068.40.1V
- 05.9068.14.1V
- 05.9068.ER.1V
- 05.9068.ES.1V
- 05.9068.EQ.1V

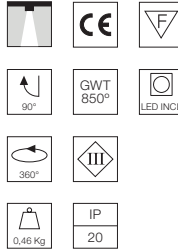
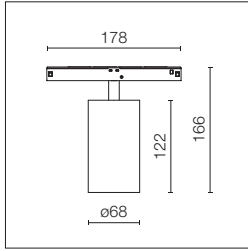
Casambi

- 05.9068.40.CB
- 05.9068.14.CB
- 05.9068.ER.CB
- 05.9068.ES.CB
- 05.9068.EQ.CB

# INFRA-STRUCTURE – LIGHT MODULES

## Light Shadow Spot 60

**Light Source:** Super Spot: LED Array 10W - 799 lm - 2700K/CRI 90 / 10W - 844 lm - 3000K/CRI 90  
S/M/F/WF: LED Array 20W - 1563 lm - 2700K/CRI 90 / 20W - 1751 lm - 3000K/CRI 90



Modulo d'illuminazione LED focale da installare nel sistema Infra-Structure  
Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
Accessori disponibili (schermo nido d'ape e filtri dicroici CCT).

LED accent lighting module for installation in Infra-Structure system.  
For wireless control of luminaires, please select Casambi integrated versions.  
Accessories available, (honeycomb and CCT dichroic filters).

### Optic Wide Flood - 2700K

On board dimmer

- 05.9064.40
- 05.9064.14
- 05.9064.ER
- 05.9064.ES
- 05.9064.EQ

Dali 2

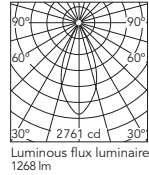
- 05.9064.40.DA
- 05.9064.14.DA
- 05.9064.ER.DA
- 05.9064.ES.DA
- 05.9064.EQ.DA

1-10V

- 05.9064.40.1V
- 05.9064.14.1V
- 05.9064.ER.1V
- 05.9064.ES.1V
- 05.9064.EQ.1V

Casambi

- 05.9064.40.CB
- 05.9064.14.CB
- 05.9064.ER.CB
- 05.9064.ES.CB
- 05.9064.EQ.CB



Beam Angle: 43°

h(m)	E(lx)	D(m)
1	2761	0.79
2	690	1.59
3	307	2.38
4	173	3.17
5	110	3.97

### Optic Wide Flood - 3000K

On board dimmer

- 05.9069.40
- 05.9069.14
- 05.9069.ER
- 05.9069.ES
- 05.9069.EQ

Dali 2

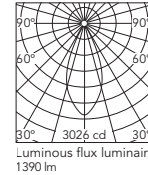
- 05.9069.40.DA
- 05.9069.14.DA
- 05.9069.ER.DA
- 05.9069.ES.DA
- 05.9069.EQ.DA

1-10V

- 05.9069.40.1V
- 05.9069.14.1V
- 05.9069.ER.1V
- 05.9069.ES.1V
- 05.9069.EQ.1V

Casambi

- 05.9069.40.CB
- 05.9069.14.CB
- 05.9069.ER.CB
- 05.9069.ES.CB
- 05.9069.EQ.CB



Beam Angle: 43°

h(m)	E(lx)	D(m)
1	3026	0.79
2	757	1.59
3	336	2.38
4	189	3.17
5	121	3.97

# INFRA-STRUCTURE – LIGHT MODULES

## Accessori / Accessories

### Light Shadow Spot 30

Pannello nido d'ape	Honeycomb		08.0790.00
Filtro bicromatico CCT	Dichroic CCT Filter	 	Increase 2700K >> 3125±75K 3000K >> 3600±75K 08.0791.00  Decrease 2700K >> 2450±75K 3000K >> 2700±75K 08.0792.00

### Light Shadow Spot 45

Pannello nido d'ape	Honeycomb		08.0793.00
Filtro bicromatico CCT	Dichroic CCT Filter	 	Increase 2700K >> 3125±75K 3000K >> 3600±75K 08.0794.00  Decrease 2700K >> 2450±75K 3000K >> 2700±75K 08.0795.00

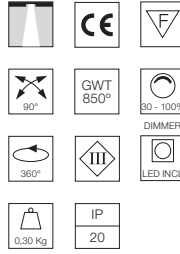
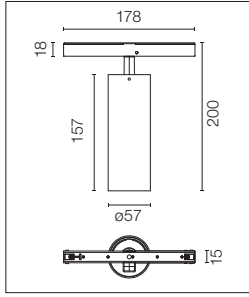
### Light Shadow Spot 60

Pannello nido d'ape	Honeycomb	 	Super Spot 08.0175.14  Spot / Medium / Flood / Wide Flood 08.0176.14
Filtro bicromatico CCT	Dichroic CCT Filter	   	Increase Super Spot 2700K >> 3125±75K 3000K >> 3600±75K 08.0796.00  Spot / Medium / Flood / Wide Flood 2700K >> 3125±75K 3000K >> 3600±75K 08.0798.00  Decrease Super Spot 2700K >> 2450±75K 3000K >> 2700±75K 08.0797.00  Spot / Medium / Flood / Wide Flood 2700K >> 2450±75K 3000K >> 2700±75K 08.0799.00

# INFRA-STRUCTURE – LIGHT MODULES

## Spot 150

Light Source: LED Array 22,5W - 2411 lm - 2700K/CRI 90 / 22,5W - 2569 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema Infra-Structure.  
Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Infra-Structure System.  
For wireless lighting control, choose Casambi versions.

### 2700K

On board dimmer

- 03.8072.40A
- 03.8072.05A
- 03.8072.14A

Dali 2

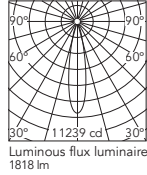
- 03.8072.40ADA
- 03.8072.05ADA
- 03.8072.14ADA

1-10V

- 03.8072.40A1V
- 03.8072.05A1V
- 03.8072.14.A1V

Casambi

- 03.8072.40ACB
- 03.8072.05ACB
- 03.8072.14ACB



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	11239	0.37
2	2810	0.74
3	1249	1.11
4	702	1.48
5	450	1.85

Luminous flux luminaire  
1818 lm

### 3000K

On board dimmer

- 03.8073.40A
- 03.8073.05A
- 03.8073.14A

Dali 2

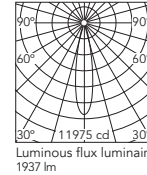
- 03.8073.40ADA
- 03.8073.05ADA
- 03.8073.14.ADA

1-10V

- 03.8073.40A1V
- 03.8073.05A1V
- 03.8073.14A1V

Casambi

- 03.8073.40ACB
- 03.8073.05ACB
- 03.8073.14ACB



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	11975	0.37
2	2994	0.74
3	1331	1.11
4	748	1.48
5	479	1.85

Luminous flux luminaire  
1937 lm

### 2700K

On board dimmer

- 03.8074.40A
- 03.8074.05A
- 03.8074.14A

Dali 2

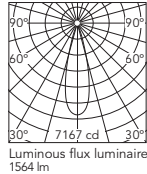
- 03.8074.40ADA
- 03.8074.05ADA
- 03.8074.14ADA

1-10V

- 03.8074.40A1V
- 03.8074.05A1V
- 03.8074.14A1V

Casambi

- 03.8074.40ACB
- 03.8074.05ACB
- 03.8074.14ACB



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	7167	0.49
2	1792	0.98
3	796	1.47
4	448	1.96
5	287	2.44

Luminous flux luminaire  
1564 lm

### 3000K

On board dimmer

- 03.8075.40A
- 03.8075.05A
- 03.8075.14A

Dali 2

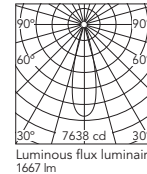
- 03.8075.40ADA
- 03.8075.05ADA
- 03.8075.14ADA

1-10V

- 03.8075.40A1V
- 03.8075.05A1V
- 03.8075.14A1V

Casambi

- 03.8075.40ACB
- 03.8075.05ACB
- 03.8075.14ACB



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	7638	0.49
2	1910	0.98
3	849	1.47
4	477	1.96
5	306	2.44

Luminous flux luminaire  
1667 lm

### 2700K

On board dimmer

- 03.8076.40A
- 03.8076.05A
- 03.8076.14A

Dali 2

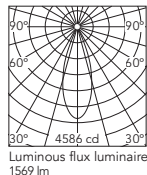
- 03.8076.40ADA
- 03.8076.05ADA
- 03.8076.14ADA

1-10V

- 03.8076.40A1V
- 03.8076.05A1V
- 03.8076.14A1V

Casambi

- 03.8076.40ACB
- 03.8076.05ACB
- 03.8076.14ACB



Beam Angle: 36°

h(m)	E(lx)	D(m)
1	4586	0.64
2	1146	1.28
3	510	1.92
4	287	2.56
5	183	3.20

Luminous flux luminaire  
1569 lm

### 3000K

On board dimmer

- 03.8077.40A
- 03.8077.05A
- 03.8077.14A

Dali 2

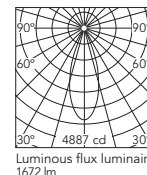
- 03.8077.40ADA
- 03.8077.05ADA
- 03.8077.14ADA

1-10V

- 03.8077.40A1V
- 03.8077.05A1V
- 03.8077.14A1V

Casambi

- 03.8077.40ACB
- 03.8077.05ACB
- 03.8077.14ACB



Beam Angle: 36°

h(m)	E(lx)	D(m)
1	4887	0.64
2	1222	1.28
3	543	1.92
4	305	2.56
5	195	3.20

Luminous flux luminaire  
1672 lm











# INFRA-STRUCTURE – LIGHT MODULES

## Accessori / Accessories

### Spot 150

Crocetta di schermatura, lenti e honeycomb direttamente installabili sulla testa dell'apparecchio di illuminazione senza necessità di accessori di fissaggio. Compatibilità di installazione di honeycomb + lente contemporaneamente.

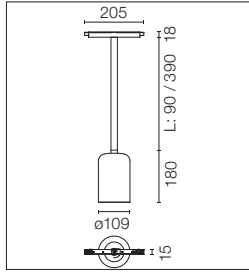
Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory. Installation compatible with honeycomb + lense at the same time.

Filtro a croce antiabbagliamento.	Screening crosspiece.		08.8429.00
Lente ellittica.	Elliptical lens.		08.8431.00
Lente flood.	Flood lens.		08.8432.00
Honeycomb.	Honeycomb.		08.8428.00
Cono di schermatura.	Snoot shielding cone.		 08.0526.00
			 08.0526.40
			 08.0526.BW

# INFRA-STRUCTURE – LIGHT MODULES

## Suspension Glass Downtlight 110

Light Source: LED Array 13,5W - 1296 lm - 2700K/CRI 90 / 13,5W - 1371 lm - 3000K/CRI 90



Apparecchio sospeso con asta rigida e vetro soffiato in diverse finiture, per installazione nel sistema Infra-Structure.

Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Suspended luminaire with rigid rod and blown glass in several finishes to be installed in the Infra-Structure system.

For wireless lighting control, choose Casambi versions.

### 2700K

Black Rod

L: 100 mm

On board dimmer

03.8130.00

03.8130.FU

03.8130.RC

Dali 2

03.8130.00.DA

03.8130.FU.DA

03.8130.RC.DA

1-10V

03.8130.00.1V

03.8130.FU.1V

03.8130.RC.1V

Casambi

03.8130.00.CB

03.8130.FU.CB

03.8130.RC.CB

Black Rod

L: 400 mm

On board dimmer

03.8131.00

03.8131.FU

03.8131.RC

Dali 2

03.8131.00.DA

03.8131.FU.DA

03.8131.RC.DA

1-10V

03.8131.00.1V

03.8131.FU.1V

03.8131.RC.1V

Casambi

03.8131.00.CB

03.8131.FU.CB

03.8131.RC.CB

White Rod

L: 100 mm

On board dimmer

03.8135.00

03.8135.FU

03.8135.RC

Dali 2

03.8135.00.DA

03.8135.FU.DA

03.8135.RC.DA

1-10V

03.8135.00.1V

03.8135.FU.1V

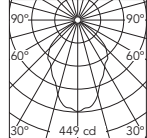
03.8135.RC.1V

Casambi

03.8135.00.CB

03.8135.FU.CB

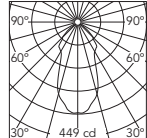
03.8135.RC.CB



Beam Angle: 82°

h(m)	E(lx)	D(m)
1	449	1.74
2	112	3.48
3	50	5.22
4	28	6.96
5	18	8.71

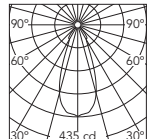
Luminous flux luminaire  
706 lm



Beam Angle: 47°

h(m)	E(lx)	D(m)
1	449	0.86
2	112	1.72
3	50	2.58
4	28	3.45
5	18	4.31

Luminous flux luminaire  
483 lm



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	435	0.76
2	109	1.52
3	48	2.28
4	27	3.04
5	17	3.80

Luminous flux luminaire  
292 lm

### 3000K

Black Rod

L: 100 mm

On board dimmer

03.8132.00

03.8132.FU

03.8132.RC

Dali 2

03.8132.00.DA

03.8132.FU.DA

03.8132.RC.DA

1-10V

03.8132.00.1V

03.8132.FU.1V

03.8132.RC.1V

Casambi

03.8132.00.CB

03.8132.FU.CB

03.8132.RC.CB

Black Rod

L: 400 mm

On board dimmer

03.8133.00

03.8133.FU

03.8133.RC

Dali 2

03.8133.00.DA

03.8133.FU.DA

03.8133.RC.DA

1-10V

03.8133.00.1V

03.8133.FU.1V

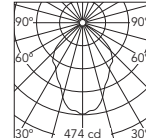
03.8133.RC.1V

Casambi

03.8133.00.CB

03.8133.FU.CB

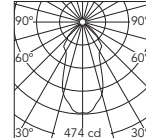
03.8133.RC.CB



Beam Angle: 82°

h(m)	E(lx)	D(m)
1	474	1.74
2	119	3.48
3	53	5.22
4	30	6.96
5	19	8.71

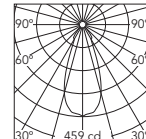
Luminous flux luminaire  
746 lm



Beam Angle: 47°

h(m)	E(lx)	D(m)
1	474	0.86
2	119	1.72
3	53	2.58
4	30	3.45
5	19	4.31

Luminous flux luminaire  
510 lm



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	459	0.76
2	115	1.52
3	51	2.28
4	29	3.04
5	18	3.80

Luminous flux luminaire  
309 lm

# INFRA-STRUCTURE – LIGHT MODULES

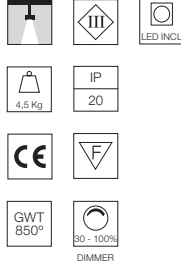
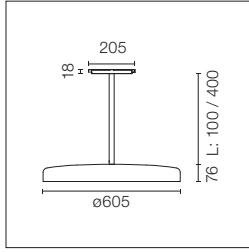
White Rod  
L: 400 mm  
On board dimmer  
03.8136.00  
03.8136.FU  
03.8136.RC  
Dali 2  
03.8136.00.DA  
03.8136.FU.DA  
03.8136.RC.DA  
1-10V  
03.8136.00.1V  
03.8136.FU.1V  
03.8136.RC.1V  
Casambi  
03.8136.00.CB  
03.8136.FU.CB  
03.8136.RC.CB

White Rod  
L: 400 mm  
On board dimmer  
03.8138.00  
03.8138.FU  
03.8138.RC  
Dali 2  
03.8138.00.DA  
03.8138.FU.DA  
03.8138.RC.DA  
1-10V  
03.8138.00.1V  
03.8138.FU.1V  
03.8138.RC.1V  
Casambi  
03.8138.00.CB  
03.8138.FU.CB  
03.8138.RC.CB

# INFRA-STRUCTURE – LIGHT MODULES

## Suspension Panel 600

Light Source: Top LED 25,6W - 3332 lm - 2700K/CRI 90 / 40W - 3540 lm - 3000K/ CRI 90



Apparecchio sospeso con asta rigida per installazione nel sistema Infra-Structure.  
Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Suspended luminaire with rigid rod, to be installed in the Infra-Structure system.  
For wireless lighting control, choose Casambi versions.

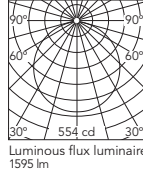
E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

### 2700K

L: 100 mm

- E I On board dimmer
- 03.8140.40A
- E I Dali 2
- 03.8140.40ADA
- E I 1-10V
- 03.8140.40A1V
- E I Casambi
- 03.8140.40ACB



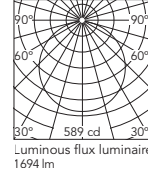
Beam Angle: 113°

h(m)	E(lx)	D(m)
1	554	3.05
2	139	6.09
3	62	9.14
4	35	12.19
5	22	15.24

### 3000K

L: 100 mm

- E I On board dimmer
- 03.8142.40A
- E I Dali 2
- 03.8142.40ADA
- E I 1-10V
- 03.8142.40A1V
- E I Casambi
- 03.8142.40ACB



Beam Angle: 113°

h(m)	E(lx)	D(m)
1	589	3.05
2	147	6.09
3	65	9.14
4	37	12.19
5	24	15.24

L: 400 mm

- E I On board dimmer
- 03.8141.40A
- E I Dali 2
- 03.8141.40ADA
- E I 1-10V
- 03.8141.40A1V
- E I Casambi
- 03.8141.40ACB

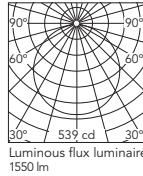
L: 400 mm

- E I On board dimmer
- 03.8143.40A
- E I Dali 2
- 03.8143.40ADA
- E I 1-10V
- 03.8143.40A1V
- E I Casambi
- 03.8143.40ACB

### 2700K

L: 100 mm

- E I On board dimmer
- 03.8140.14A
- E I Dali 2
- 03.8140.14ADA
- E I 1-10V
- 03.8140.14A1V
- E I Casambi
- 03.8140.14ACB



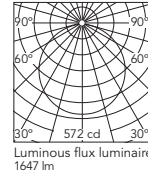
Beam Angle: 113°

h(m)	E(lx)	D(m)
1	539	3.05
2	135	6.09
3	60	9.14
4	34	12.19
5	22	15.24

### 3000K

L: 100 mm

- E I On board dimmer
- 03.8142.14A
- E I Dali 2
- 03.8142.14ADA
- E I 1-10V
- 03.8142.14A1V
- E I Casambi
- 03.8142.14ACB



Beam Angle: 113°

h(m)	E(lx)	D(m)
1	572	3.05
2	143	6.09
3	64	9.14
4	36	12.19
5	23	15.24

L: 400 mm

- E I On board dimmer
- 03.8141.14A
- E I Dali 2
- 03.8141.14ADA
- E I 1-10V
- 03.8141.14A1V
- E I Casambi
- 03.8141.14ACB

L: 400 mm

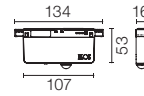
- E I On board dimmer
- 03.8143.14A
- E I Dali 2
- 03.8143.14ADA
- E I 1-10V
- 03.8143.14A1V
- E I Casambi
- 03.8143.14ACB

# INFRA-STRUCTURE – ACCESSORY MODULES

## Accessori / Accessories

Dispositivo intelligente multifunzione. Triplice funzionalità 3x1: ripetitore di segnale Casambi, sensore per l'illuminazione d'ambiente e rilevatore di presenza. FLOS Control® by Casambi.

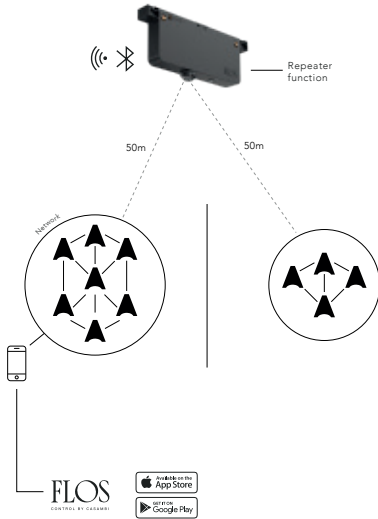
Multifunction Smart Device. Triple functionality 3x1: Casambi signal repeater, light sensor and presence detector. FLOS Control® by Casambi.



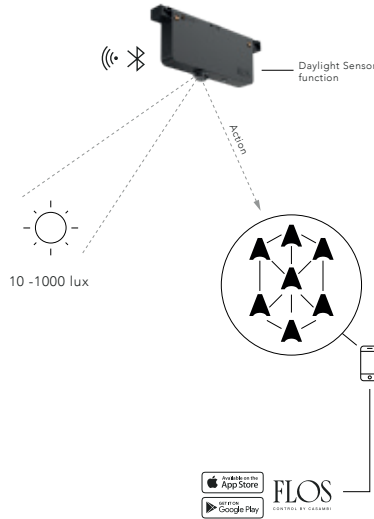
06.1988.40  
06.1988.14

## Multifunction Smart Device. Triple Functionality 3x1

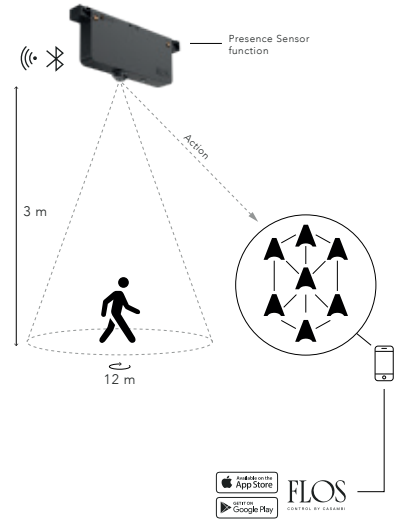
### Repeater



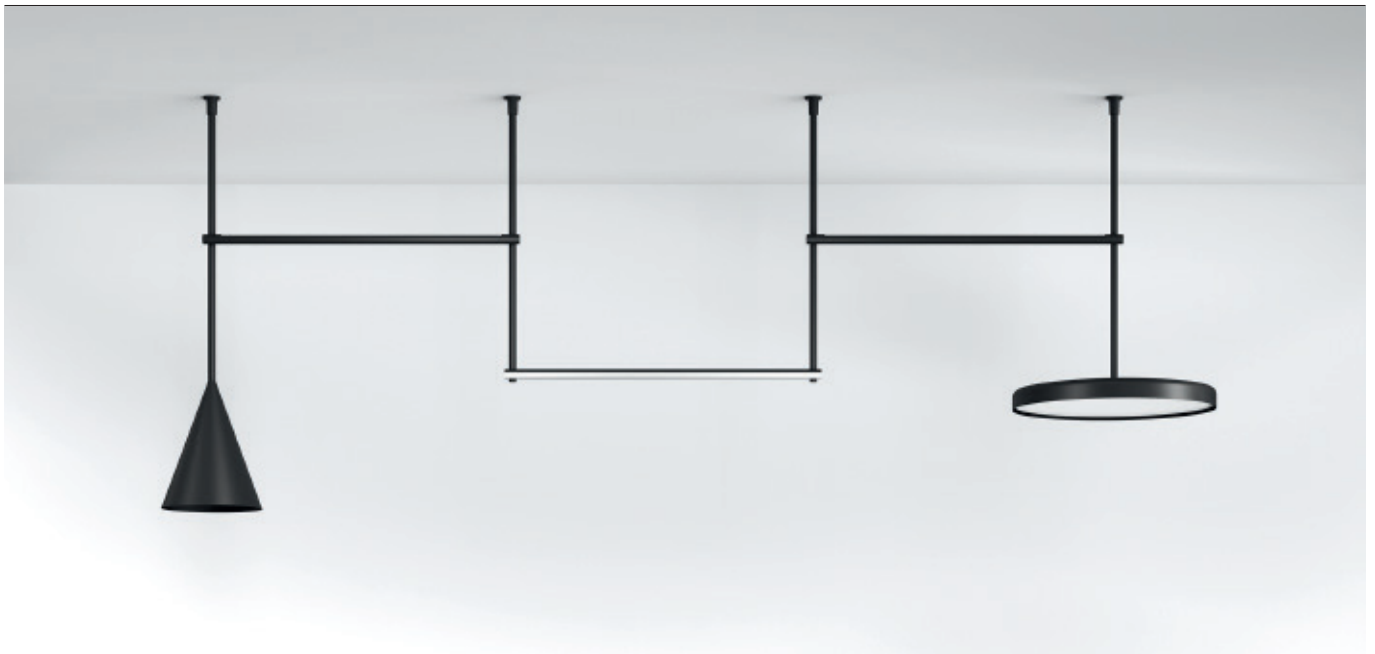
### Daylight Sensor



### Presence Sensor



▲ Casambi object



Profiles  40 Bianco  
40 White  14 Nero  
14 Black

LIGHT MODULES

LIGHT TUBE  
DIRECT-INDIRECT



**LIGHT SOURCE**  
TOP LED  
24W/m  
1978 lm/m  
2700K/CRI 90  
2227 lm/m  
3000K/CRI 90

SUSPENSION  
CONE 300



**LIGHT SOURCE**  
TOP LED  
30W  
2800 lm  
2700K/CRI 90  
3000 lm  
3000K/CRI 90

SUSPENSION  
CONE 400



**LIGHT SOURCE**  
TOP LED  
41W  
3750 lm  
2700K/CRI 90  
4000 lm  
3000K/CRI 90

SUSPENSION  
PANEL 600



**LIGHT SOURCE**  
TOP LED  
35,5W  
3195 lm  
2700K/CRI 90  
3381 lm  
3000K/CRI 90

LIGHT TUBE  
COVERED



**LIGHT SOURCE**  
TOP LED  
24W/m  
1978 lm/m  
2700K/CRI 90  
2227 lm/m  
3000K/CRI 90

## Descrizione

La reinterpretazione di un'icona: il design unico di Infra-Structure si evolve grazie ad un nuovo concetto modulare estremamente semplificato. Elementi essenziali ma di grande impatto visivo possono essere combinati per caratterizzare qualsiasi spazio architettonico con una forte presenza scenica. Essenziale struttura tubolare incredibilmente versatile. Grazie ad uno speciale sistema di connessione è possibile combinare elementi verticali e orizzontali tra di loro per creare combinazioni tridimensionali in infinite varianti utilizzando moduli lineari e geometrici. La connessione meccanica tra i singoli moduli che compongono la struttura avviene tramite un sistema a vite che garantisce un'installazione rapida e sicura. Ogni modulo è bloccato in sede con l'integrazione di due piccole grani, pressochè invisibile una volta completata l'installazione. Le connessioni elettriche dei moduli illuminanti sono estremamente semplici da effettuare. Ogni elemento luminoso è completo con un cavo elettrico lungo 4 m equipaggiato con micro-connettore in uscita. Il cavo viene fatto scorrere attraverso le varie sezioni della struttura verticale per essere poi collegato alla rete in corrispondenza del soffitto. Le parti strutturali si fabbricano con elementi tubolari in alluminio estrusi e verniciati in bianco o nero, alimentati a 48V. Controllabili come sistema (DALI, 1-10V, FLOS Control®) tramite driver remoti con controllo broadcast o indipendente tramite un driver per ogni elemento luminoso. La famiglia è composta da moduli di illuminazione generale con varie ottiche e moduli di luce ambiente diretta e indiretta.

## Configurazione

L'estrema semplicità degli elementi e la rapidità con cui possono essere combinati permette di liberare la creatività del progetto ottenendo innumerevoli combinazioni. Come in un reticolo tridimensionale, basterà definire quali sono gli assi verticali della struttura per poi unirli visivamente (ed elettricamente) a dei moduli luminosi che possono ruotare liberamente di 360° garantendo un'incredibile flessibilità d'installazione.

## Controllo

- Gli apparecchi sono compatibili con sistemi DALI, 1-10V e Casambi.
- Per la gestione tramite 1-10V è necessario che il sistema di controllo sia attivo e il bus di dati sia collegato direttamente al controller. Per un controllo individuale è necessario un driver dimmerabile per ogni modulo luminoso o gruppo di moduli.
- Per la gestione attraverso il sistema Casambi è necessario ordinare un'interfaccia Casambi da collegare ad un driver DALI o 1/10V. Necessaria applicazione FLOS Control® powered by Casambi per dispositivi mobili (disponibile su Apple Store e Google Play).

## Sistema Ottico

- Light Tube Direct / Light Tube Indirect / Light Tube Covered / Suspension Panel 600: illuminazione generale diretta.
- Light Tube Indirect: illuminazione generale indiretta.
- Suspension Cone 300 / Suspension Cone 400: illuminazione generale diretta Flood.

## Unità di Alimentazione

Alimentatore remoto a 48V non compreso.

## Informazioni Aggiuntive

Grado di protezione IP20.  
Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

The reinterpretation of an icon: the unique design of Infra-Structure evolves thanks to a new, extremely simplified modular concept. The subtle but visually stunning elements can be combined to characterize any architectural space with a strong stage presence. Subtle, incredibly versatile tubular structure. Thanks to a special connection system, it is possible to combine vertical and horizontal elements to create three-dimensional combinations in infinite variations using linear and geometric modules. The mechanical connection between the individual modules that make up the structure is made through a screw system that guarantees a fast and safe installation. Each module is locked in place by integrating two small, almost invisible grub screws once the installation is complete. The electrical connections of the lighting modules are extremely simple to make. Each lighting element is completed by a long 4 m electrical cable equipped with an output micro connector. The cable runs through all the different sections of the vertical structure and is then connected to the grid in the ceiling. All structural components are made of extruded aluminium tubular profiles painted black or white with 48V feeding. The system can be controlled as a group (DALI, 1-10V, FLOS Control®) through remote power supply units with broadcast control or individual control by means of one single driver for each lighting module. The family is made of lighting modules for general lighting featuring different optics and linear lighting modules providing diffused direct or indirect emission.

## Configuration

The extreme simplicity of the elements and the speed with which they can be combined allows to free up the creativity of the project and to achieve innumerable combinations. As in a three-dimensional network, simply define the vertical axes of the structure and then connect them visually (and electrically) with lighting modules that can freely rotate 360°. An incredible installation flexibility is guaranteed.

## Control

- Lighting modules are compatible with DALI, 1-10V and Casambi.
- For 1-10V management, the control system must be active, and the data bus must be connected directly to the controller. In case of individual control one dimmable driver for each lighting unit or group is required.
- To manage the Casambi system a Casambi interface module must be ordered and connected to a DALI or 1-10V driver. To manage the system it is necessary to download the FLOS Control® powered by Casambi app (available on Apple Store and Google Play).

## Optic system

- Light Tube Direct / Light Tube Indirect / Light Tube Covered / Suspension Panel 600: diffused lighting direct.
- Light Tube Indirect: diffused lighting indirect.
- Suspension Cone 300 / Suspension Cone 400: direct Flood lighting.

## Power Supply

Remote 48V power supply not included.

## Additional Information

IP20 protection grade.  
Suitable for installation on normally inflammable surfaces.

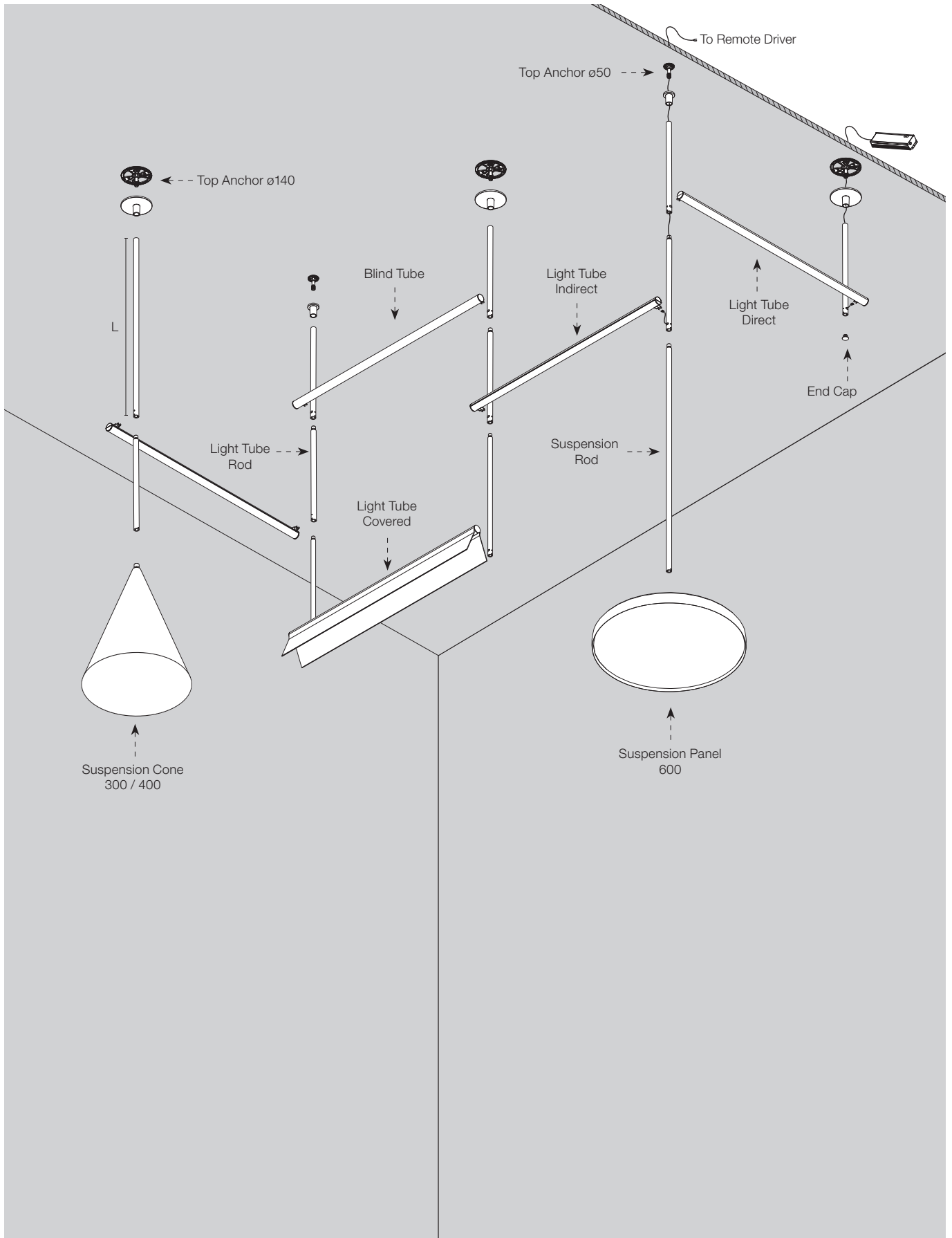
Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# INFRA-STRUCTURE Episode 2 – PROFILES

## SURFACE INSTALLATION

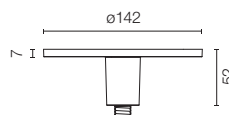




# INFRA-STRUCTURE Episode 2 – PROFILES

Ancoraggio superiore ø140.  
Per installazioni in cui l'unità di alimentazione debba essere nascosta nel controsoffitto e non esista un accesso alternativo. L'elemento decorativo di 140mm nasconde il foro necessario per il passaggio del driver.

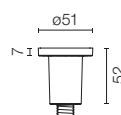
Top Anchor ø140.  
For installation where the power supply is to be hidden within a drop ceiling and there is no other access. The 140-mm cover conceals the hole needed to install the device.



06.5421.40  
06.5421.14

Ancoraggio superiore ø50.  
Per installazioni in cui l'unità di alimentazione debba essere installata remota o esista un accesso dedicato per la manutenzione dello stesso. L'elemento decorativo di 50mm nasconde il passaggio del cavo ma non permette l'accesso diretto al driver.

Top Anchor ø50.  
For installations where the power supply equipment must be installed remotely in an installation box or there is access to it from another point. The 50-mm cover conceals the cable and prevents access to the power supply.



06.5420.40  
06.5420.14

Terminale di chiusura.

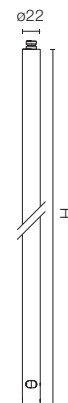
End cap.



06.5430.40  
06.5430.14

Asta.  
Elemento tubolare verticale disponibile in diverse lunghezze per la connessione dei moduli di luce lineari. È possibile collegare più elementi insieme tramite un meccanismo di bloccaggio a vite con grano di sicurezza integrato. È possibile passare cavi di alimentazione fino a tre apparecchi per ogni elemento verticale.

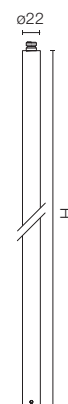
Rod.  
Rod available in different lengths for connection of direct and indirect linear light tubes. Various elements may be connected simultaneously by means of attachment elements along with a mechanically integrated safety device. Power cables for three luminaires may be fed through each vertical rod.



H: 100 mm  
06.5400.40  
06.5400.14  
H: 200 mm  
06.5401.40  
06.5401.14  
H: 400 mm  
06.5402.40  
06.5402.14  
H: 600 mm  
06.5403.40  
06.5403.14  
H: 800 mm  
06.5404.40  
06.5404.14  
H: 1000 mm  
06.5405.40  
06.5405.14

Asta di sospensione.  
Elemento tubolare verticale disponibile in diverse lunghezze per la connessione dei moduli luminosi a sospensione e per estensioni senza connessione ad elementi luminosi. È possibile passare cavi di alimentazione fino a tre apparecchi per ogni elemento verticale.

Suspension Rod.  
Rod available in different lengths for connection of "Suspension Panel" and "Suspension Cone" modules and for extensions without connection to a light fixture. Power cables for three luminaires may be fed through each vertical rod.



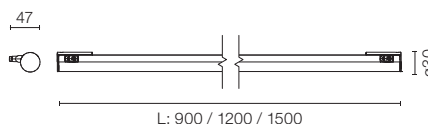
H: 100 mm  
06.5410.40  
06.5410.14  
H: 200 mm  
06.5411.40  
06.5411.14  
H: 400 mm  
06.5412.40  
06.5412.14  
H: 600 mm  
06.5413.40  
06.5413.14  
H: 800 mm  
06.5414.40  
06.5414.14  
H: 1000 mm  
06.5415.40  
06.5415.14

Tubo cieco.

Blind tube.

Modulo meccanico (senza illuminazione) per l'installazione nel sistema Infra-Structure Episode 2.

A mechanical module (without lighting) to be installed in the system infrastructure Episode 2.



L: 900 mm  
03.8430.40  
03.8430.14  
L: 1200 mm  
03.8431.40  
03.8431.14  
L: 1500 mm  
03.8432.40  
03.8432.14

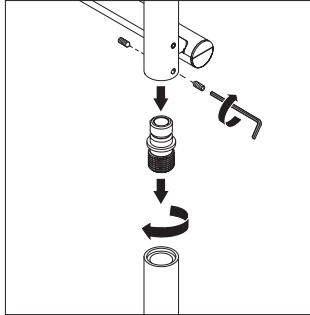
## INFRA-STRUCTURE Episode 2 – FAQ

• **Infra-Structure Episode 2 è un sistema a binario come Infra-Structure?**

No, Infra-Structure Episode 2 è un sistema modulare ma non ha binari.

• **Come si collegano gli elementi verticali tra di loro?**

La connessione meccanica tra i singoli moduli che compongono la struttura avviene tramite un sistema a vite che garantisce un'installazione rapida e sicura. Ogni modulo è bloccato in sede con l'integrazione di piccoli grani, pressoché invisibile una volta completata l'installazione.



• **Is Infra-Structure Episode 2 a system on tracks like Infra-Structure?**

No. Infra-Structure Episode 2 is a modular system, but it doesn't have tracks.

• **How are the vertical rods connected together?**

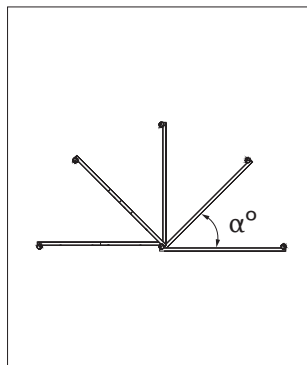
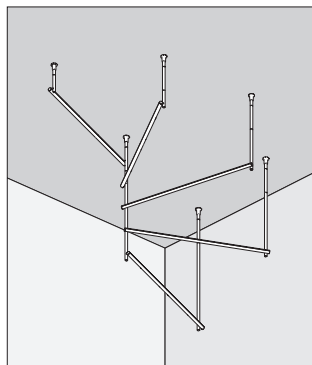
The individual modules composing the vertical structure are connected using a system of screws that guarantee quick, safe installation. Each module is fixed in place with the help of small set screws that is practically invisible once installation is complete.

• **È possibile realizzare composizioni non lineari?**

Sì, è possibile. La flessibilità è massima grazie alla connessione meccanica tra gli elementi verticali che può essere regolata secondo l'angolo di rotazione necessario.

• **Is it possible to obtain non-linear compositions?**

Yes. Maximum flexibility is provided for with the mechanical connection between the vertical rods, which can be adjusted to the desired angle.

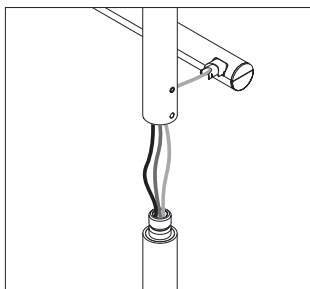


• **Quanti apparecchi posso alimentare attraverso lo stesso elemento verticale?**

È possibile passare cavi di alimentazione fino a tre apparecchi per ogni elemento verticale.

• **How many luminaires can I power using the same vertical rod?**

Power cables for three luminaires may be fed through each vertical rod.



• **È possibile regolare l'intensità della luce nei moduli luminosi?**

Sì, usando il modulo di controllo che proponiamo nella sezione alimentatori tramite DALI, 1-10V e Casambi.

• **Can the light from the luminaires be dimmed?**

Yes. With the control module listed in the equipment section, the amount of light can be regulated via DALI, 1-10V and Casambi.

• **Qual è la lunghezza massima di sospensione?**

I cavi predisposti per ogni modulo luminoso hanno una lunghezza massima di 4 metri.

• **What is the maximum suspension length?**

The cables supplied with the lamp have a maximum length of 4 metres.

• **È possibile installare la struttura con driver remoto nascosto in un controsoffitto?**

Il sistema può essere installato esclusivamente con driver remoto. A questo proposito sono disponibili elementi di ancoraggio a soffitto (rosoni) di 140mm per consentire il passaggio del driver attraverso il soffitto.

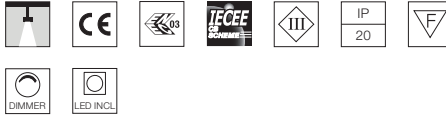
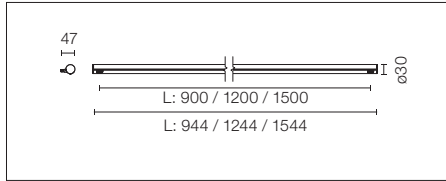
• **Can it be installed with the power supply hidden in the drop ceiling?**

The system can only be installed with a hidden power supply. It is equipped with a 140-mm rose for the power to pass through and to hide the hole.

# INFRA-STRUCTURE Episode 2 – LIGHT MODULES

## Light Tube Direct

Light Source: Top LED 24W/m - 1978 lm/m - 2700K/CRI 90 / 24W/m - 2227 lm/m - 3000K/CRI 90



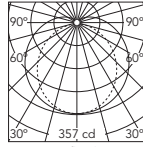
Modulo di illuminazione a LED diffusa predisposto per installazione nel sistema Infra-Structure Episode 2. Elementi di fissaggio e blocco di sicurezza meccanico integrati per installazione trasversale tra due supporti verticali. I Light Tubes si possono alimentare solo da un estremo e non trasmettono corrente all'estremo opposto. Ogni elemento luminoso è completo con un cavo elettrico di 4m di lunghezza equipaggiato con un microconnettore in uscita.

Diffused LED light module to be installed in the Infra-Structure Episode 2. Safety fixing and locking mechanical elements integrated for a transversal installation between two rods of the profile. The Light Tubes are only fed by one of the ends and do not communicate current through the other end. Each lighting element is completed by a long 4m electrical cable equipped with an output microconnector.

### 2700K

L: 900 mm - 22W - 1820 lm

03.8400.40  
03.8400.14



Beam Angle: 150°

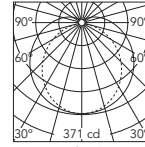
h(m)	E(lx)	D(m)
1	357	7.49
2	89	14.98
3	40	22.47
4	22	29.96
5	14	37.45

Luminous flux luminaire  
1456 lm

### 3000K

L: 900 mm - 22W - 2048 lm

03.8403.40  
03.8403.14



Beam Angle: 150°

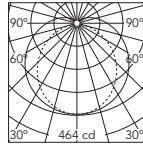
h(m)	E(lx)	D(m)
1	371	7.49
2	93	14.98
3	41	22.47
4	23	29.96
5	15	37.45

Luminous flux luminaire  
1515 lm

### 2700K

L: 1200 mm - 29W - 2366 lm

03.8401.40  
03.8401.14



Beam Angle: 150°

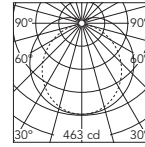
h(m)	E(lx)	D(m)
1	464	7.49
2	116	14.98
3	52	22.47
4	29	29.96
5	19	37.45

Luminous flux luminaire  
1892 lm

### 3000K

L: 1200 mm - 29W - 2663 lm

03.8404.40  
03.8404.14



Beam Angle: 150°

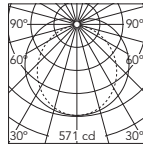
h(m)	E(lx)	D(m)
1	463	7.49
2	116	14.98
3	51	22.47
4	29	29.96
5	19	37.45

Luminous flux luminaire  
1890 lm

### 2700K

L: 1500 mm - 35,5W - 2912 lm

03.8402.40  
03.8402.14



Beam Angle: 150°

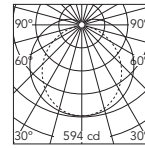
h(m)	E(lx)	D(m)
1	571	7.49
2	143	14.98
3	63	22.47
4	36	29.96
5	23	37.45

Luminous flux luminaire  
2329 lm

### 3000K

L: 1500 mm - 35,5W - 3278 lm

03.8405.40  
03.8405.14



Beam Angle: 150°

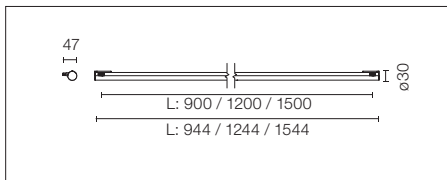
h(m)	E(lx)	D(m)
1	594	7.49
2	149	14.98
3	66	22.47
4	37	29.96
5	24	37.45

Luminous flux luminaire  
2423 lm

# INFRA-STRUCTURE Episode 2 – LIGHT MODULES

## Light Tube Indirect

Light Source: Top LED 24W/m - 1978 lm/m - 2700K/CRI 90 / 24W/m - 2227 lm/m - 3000K/CRI 90



Modulo di illuminazione a LED diffusa indiretta predisposto per installazione nel sistema Infra-Structure Episode 2. Elementi di fissaggio e blocco di sicurezza meccanico integrati per installazione trasversale tra due supporti verticali. I Light Tubes si possono alimentare solo da un estremo e non trasmettono corrente all'estremo opposto.

Diffused indirect LED light module to be installed in the Infra-Structure Episode 2.

Safety fixing and locking mechanical elements integrated for a transversal installation between two rods of the profile.

The Light Tubes are only fed by one of the ends and do not communicate current through the other end.

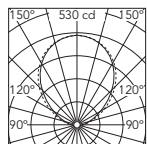
Ogni elemento luminoso è completo con un cavo elettrico di 4m di lunghezza equipaggiato con un microconnettore in uscita.

Each lighting element is completed by a long 4m electrical cable equipped with an output microconnector.

### 2700K

L: 900 mm - 20W - 1820 lm

03.8410.40  
03.8410.14



Luminous flux luminaire 1239 lm

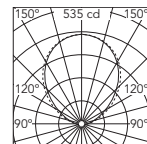
Beam Angle: 93°

h(m)	E(lx)	D(m)
1	530	2.12
2	133	4.25
3	59	6.37
4	33	8.50
5	21	10.62

### 3000K

L: 900 mm - 20W - 2048 lm

03.8413.40  
03.8413.14



Luminous flux luminaire 1249 lm

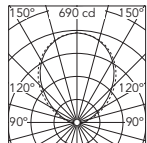
Beam Angle: 93°

h(m)	E(lx)	D(m)
1	535	2.12
2	134	4.25
3	59	6.37
4	33	8.50
5	21	10.62

### 2700K

L: 1200 mm - 25,5W - 2366 lm

03.8411.40  
03.8411.14



Luminous flux luminaire 1612 lm

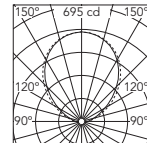
Beam Angle: 93°

h(m)	E(lx)	D(m)
1	690	2.12
2	173	4.25
3	77	6.37
4	43	8.50
5	28	10.62

### 3000K

L: 1200 mm - 25,5W - 2663 lm

03.8414.40  
03.8414.14



Luminous flux luminaire 1624 lm

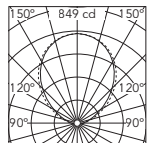
Beam Angle: 93°

h(m)	E(lx)	D(m)
1	695	2.12
2	174	4.25
3	77	6.37
4	43	8.50
5	28	10.62

### 2700K

L: 1500 mm - 32,5W - 2912 lm

03.8412.40  
03.8412.14



Luminous flux luminaire 1984 lm

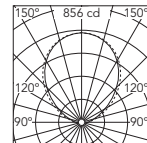
Beam Angle: 93°

h(m)	E(lx)	D(m)
1	849	2.12
2	212	4.25
3	94	6.37
4	53	8.50
5	34	10.62

### 3000K

L: 1500 mm - 32,5W - 3278 lm

03.8415.40  
03.8415.14



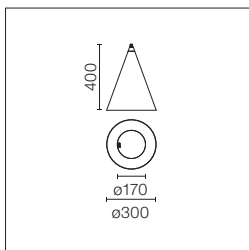
Luminous flux luminaire 1999 lm

Beam Angle: 93°

h(m)	E(lx)	D(m)
1	856	2.12
2	214	4.25
3	95	6.37
4	53	8.50
5	34	10.62

## Suspension Cone 300

Light Source: Top LED 30W - 2800 lm - 2700K/CRI 90 / 30W - 3000 lm - 3000K/CRI 90



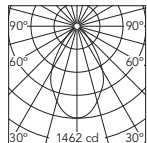
Apparecchio a sospensione con blocco integrato per installazione nel sistema Infra-Structure Episode 2. Ogni elemento luminoso è completo con un cavo elettrico di 4m di lunghezza equipaggiato con un microconnettore in uscita.

Suspended luminaire with locking system integrated, to be installed in the Infra-Structure Episode 2 system.

Each lighting element is completed by a long 4m electrical cable equipped with an output microconnector.

### 2700K

03.8440.40  
03.8440.14



Luminous flux luminaire 1824 lm

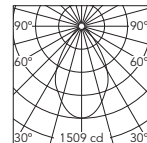
@White (40)

Beam Angle: 65°

h(m)	E(lx)	D(m)
1	1462	1.27
2	365	2.53
3	162	3.80
4	91	5.06
5	58	6.33

### 3000K

03.8442.40  
03.8442.14



Luminous flux luminaire 1883 lm

@White (40)

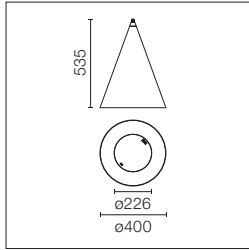
Beam Angle: 65°

h(m)	E(lx)	D(m)
1	1509	1.27
2	377	2.53
3	168	3.80
4	94	5.06
5	60	6.33

# INFRA-STRUCTURE Episode 2 – LIGHT MODULES

## Suspension Cone 400

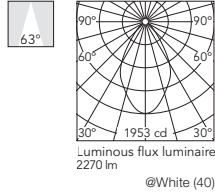
Light Source: Top LED 41W - 3750 lm - 2700K/CRI 90 / 41W - 4000 lm - 3000K/CRI 90



Apparecchio a sospensione con blocco integrato per installazione nel sistema Infra-Structure Episode 2. Ogni elemento luminoso è completo con un cavo elettrico di 4m di lunghezza equipaggiato con un microconnettore in uscita.

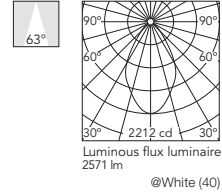
Suspended luminaire with locking system integrated, to be installed in the Infra-Structure Episode 2 system. Each lighting element is completed by a long 4m electrical cable equipped with an output microconnector.

**2700K**  
03.8441.40  
03.8441.14



h(m)	E(lx)	D(m)
1	1953	1.22
2	488	2.43
3	217	3.65
4	122	4.86
5	78	6.08

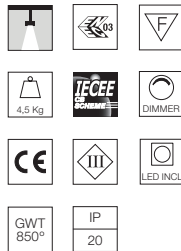
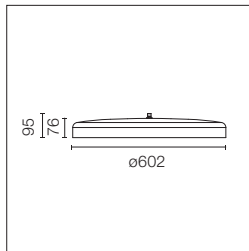
**3000K**  
03.8443.40  
03.8443.14



h(m)	E(lx)	D(m)
1	2212	1.22
2	553	2.43
3	246	3.65
4	138	4.86
5	88	6.08

## Suspension Panel 600

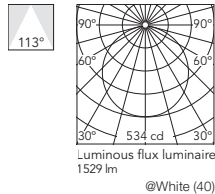
Light Source: Power LED 35,5W - 3195 lm - 2700K/CRI 90 / 35,5W - 3381 lm - 3000K/CRI 90



Apparecchio a sospensione con blocco integrato per installazione nel sistema Infra-Structure Episode 2. Ogni elemento luminoso è completo con un cavo elettrico di 4m di lunghezza equipaggiato con un microconnettore in uscita.

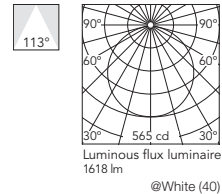
Suspended luminaire with locking system integrated, to be installed in the Infra-Structure Episode 2 system. Each lighting element is completed by a long 4m electrical cable equipped with an output microconnector.

**2700K**  
03.8450.40  
03.8450.14



h(m)	E(lx)	D(m)
1	534	3.02
2	134	6.04
3	59	9.06
4	33	12.08
5	21	15.10

**3000K**  
03.8451.40  
03.8451.14

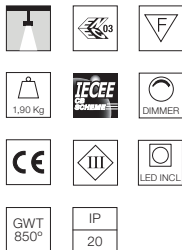
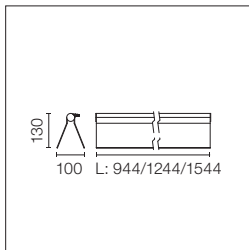


h(m)	E(lx)	D(m)
1	565	3.02
2	141	6.04
3	63	9.06
4	35	12.08
5	23	15.10

# INFRA-STRUCTURE Episode 2 – LIGHT MODULES

## Light Tube Covered

Light Source: Top LED 24W/m - 1978 lm/m - 2700K/CRI 90 / 24W/m - 2227 lm/m - 3000K/CRI 90



Modulo di illuminazione a LED diffusa diretta con schermo integrato, predisposto per installazione nel sistema Infra-Structure Episode 2. Elementi di fissaggio e blocco di sicurezza meccanico integrati per installazione trasversale tra due supporti verticali. I Light Tubes si possono alimentare solo da un estremo e non trasmettono corrente all'estremo opposto. Ogni elemento luminoso è completo con un cavo elettrico di 4m di lunghezza equipaggiato con un microconnettore in uscita.

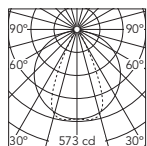
Diffused direct shielded LED light module to be installed in the Infra-Structure Episode 2. Safety fixing and locking mechanical elements integrated for a transversal installation between two rods of the profile. The Light Tubes are only fed by one of the ends and do not communicate current through the other end. Each lighting element is completed by a long 4m electrical cable equipped with an output microconnector.

### 2700K

L: 900 mm - 22W - 1820 lm

03.8420.40

03.8420.14



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	573	0.94
2	143	1.87
3	64	2.81
4	36	3.74
5	23	4.68

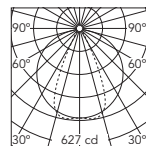
Luminous flux luminaire 860 lm

### 3000K

L: 900 mm - 22W - 2048 lm

03.8423.40

03.8423.14



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	627	0.94
2	157	1.87
3	70	2.81
4	39	3.74
5	25	4.68

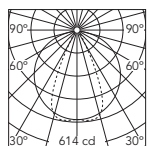
Luminous flux luminaire 942 lm

### 2700K

L: 1200 mm - 29W - 2366 lm

03.8421.40

03.8421.14



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	614	0.94
2	153	1.87
3	68	2.81
4	38	3.74
5	25	4.68

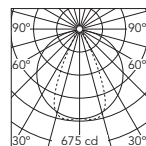
Luminous flux luminaire 921 lm

### 3000K

L: 1200 mm - 29W - 2663 lm

03.8424.40

03.8424.14



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	675	0.94
2	169	1.87
3	75	2.81
4	42	3.74
5	27	4.68

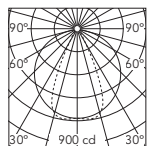
Luminous flux luminaire 1012 lm

### 2700K

L: 1500 mm - 35,5W - 2912 lm

03.8422.40

03.8422.14



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	900	0.94
2	225	1.87
3	100	2.81
4	56	3.74
5	36	4.68

Luminous flux luminaire 1351 lm

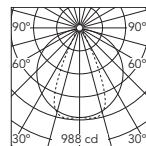
@White (40)

### 3000K

L: 1500 mm - 35,5W - 3278 lm

03.8425.40

03.8425.14



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	988	0.94
2	247	1.87
3	110	2.81
4	62	3.74
5	40	4.68

Luminous flux luminaire 1483 lm

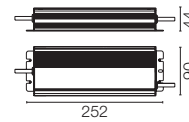
@White (40)

# INFRA-STRUCTURE Episode 2

## Driver / Drivers

Alimentatore LED per installazione remota, 48V/320W. 100/240 Vac.

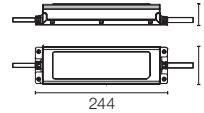
LED power supply source for remote installation, 48V/320W. 100/240 Vac.



\*RF27321

Alimentatore LED per installazione remota, 110Vac-135W / 220Vac-200W.

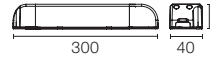
LED power supply source for remote installation, 110Vac-135W / 220Vac-200W.



\*60.9607

Alimentatore LED per installazione remota, 48V/120W. 220/240 Vac.

LED power supply source for remote installation, 48V/120W. 220/240 Vac.

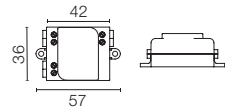


\*60.9170

## Casambi Broadcast

Driver Casambi 220-240V. Necessario driver e controller da ordinare separatamente. Intervallo di dimmerazione 20-100%.

Casambi controller 220-240V. Driver and external interface required have to be ordered separately. Dimming range 20-100%.



60.9392

Unità di controllo dimmer DALI per la regolazione di moduli LED, per drivers da 12-24-48V. Alimentatore non incluso. Per controllo di illuminazione indiretta (UP).

Dimmable Dali control unit for 12-24-48V LED modules. Power supply not included. For controlling indirect lighting (UP).



Dali - Push  
Max. 10A  
60.9678A

Sistema di dimmerizzazione 1/10V di luce LED, per apparecchi da 12 a 48V. Non è compresa la fonte di alimentazione."

LED module 1/10V dimmable control unit for 12 to 48V equipment. Power supply not included."

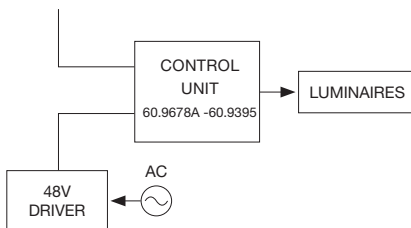


60.9395

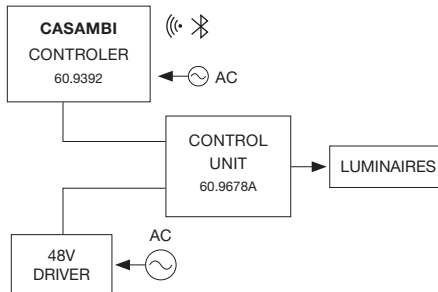
## Regulation Systems

### 0/1-10V / DALI Installation

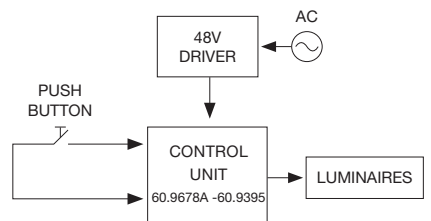
#### 0/1-10V / DALI CONTROL SIGNAL



### CASAMBI Installation



### PUSH Installation

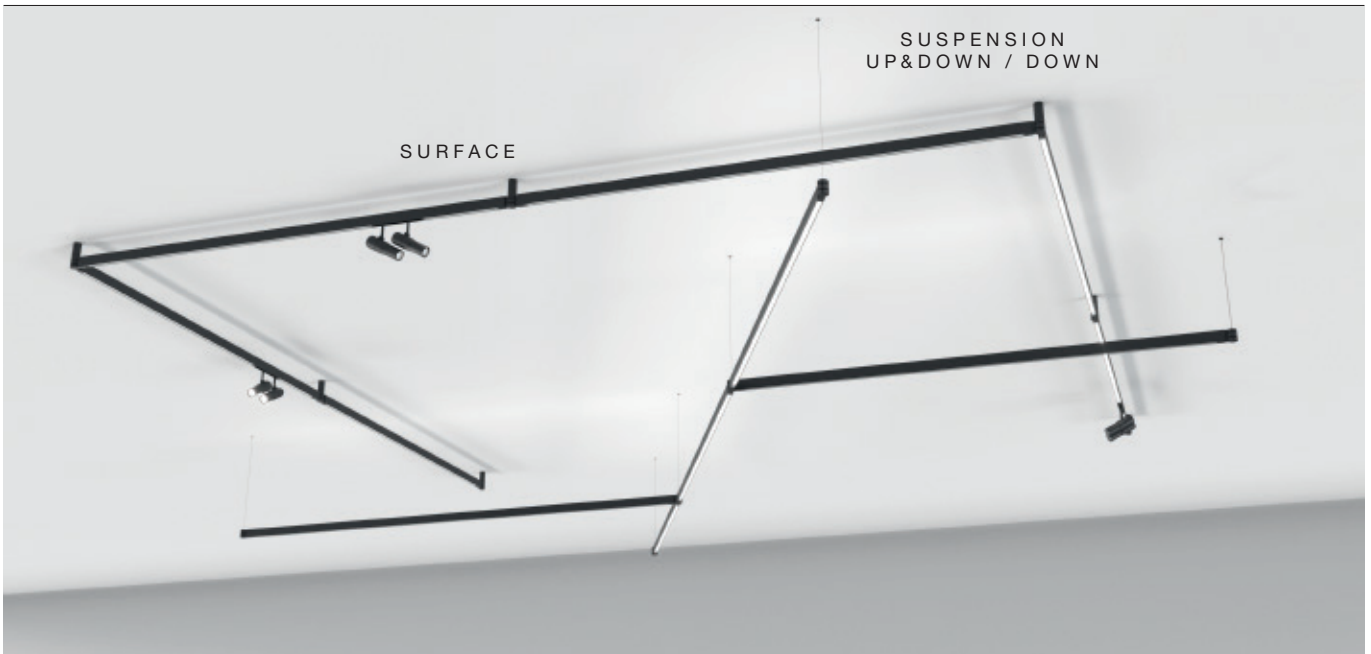


\* Per il dimensionamento dell'impianto, mantenere un margine di sicurezza di circa il 15% della potenza massima dell'alimentatore LED / For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

\*\* Ha bisogno di una scatola di montaggio. Interfaccia DALI compatibile (IEC 62386-101/102) per il controllo dell'illuminazione indiretta. Attenzione: trattandosi di un componente DALI compatibile, potrebbe non rispondere a funzioni avanzate del protocollo DALI. Per ulteriori informazioni si prega di consultare le caratteristiche tecniche nella pagina web Flos / It needs an installation box. Compatible DALI interface (IEC 62386-101/102) for controlling indirect lighting. Please note that since it is a DALI compatible component, it may not respond to advanced DALI protocol functions. For more information, see the technical specifications section on the Flos website.

# DIVERSION

DESIGNED BY PIERO LISSONI



Surface/Suspension Profiles  40 Bianco  
40 White  1A Anodic Ice  
1A Anodic Ice  14 Nero  
14 Black  CZ Bronzo  
CZ Bronze

## LIGHT MODULES STRUCTURES

DOWN	UP&DOWN	DOWN + SPOTS	UP&DOWN + SPOTS
<b>LIGHT SOURCE</b> TOP LED 13,5W/m 1540 lm/m 2700K/CRI 90 3000K/CRI 90	<b>LIGHT SOURCE</b> TOP LED 20,5W/m 2284 lm/m 2700K/CRI 90 3000K/CRI 90	<b>LIGHT SOURCE</b> TOP LED 11W/m 1255 lm/m 2700K/CRI 90 3000K/CRI 90	<b>LIGHT SOURCE</b> TOP LED 18W/m 1999 lm/m 2700K/CRI 90 3000K/CRI 90

## LIGHT MODULES

ATOM 90	ATOM 120
<b>LIGHT SOURCE</b> POWER LED 5,5W 450 lm 2700K/CRI 90 485 lm 3000K/CRI 90	<b>LIGHT SOURCE</b> POWER LED 8W 635 lm 2700K/CRI 90 680 lm 3000K/CRI 90



## Descrizione

Questo innovativo sistema di profili per installazione a superficie e sospensione è caratterizzato da una flessibilità eccezionale. I profili sono dotati di illuminazione integrata diretta e indiretta ed è possibile completare ogni profilo con due faretti per creare combinazioni di illuminazione d'accento. I faretti disponibili per questo sistema fanno parte della linea Atom disegnata anch'essa da Piero Lissoni.

L'elemento chiave è il giunto di alimentazione e unione tra profili, che permette di realizzare connessioni a 360° ogni 45°, permettendo il collegamento di 8 profili sullo stesso giunto. In questo modo il sistema offre infinite possibilità, dato che è possibile realizzare quasi qualsiasi composizione concepibile, garantendone l'adattabilità a diversi spazi architettonici.

Profili in alluminio estruso con lunghezze comprese tra 1 e 2,5m con finiture in bianco, nero, anodico ice e bronzo.

## Sistema Ottico

- Profilo lineare down - emissione diretta: General Lighting.
- Profilo lineare up&down - emissione diretta/indiretta: General Lighting.
- Profilo lineare down + 2 faretti - emissione diretta e d'accento: General Lighting, Spot, Medium.
- Profilo lineare up&down + 2 faretti - emissione diretta/indiretta e d'accento: General Lighting, Spot, Medium.

## Unità di Alimentazione

Il sistema può essere alimentato solo con fonte di alimentazione remota non compresa con i profili. I driver consigliati vanno ordinati separatamente.

## Sistema di Regolazione

Sistema regolabile con driver 1-10V, DALI o Casambi. Sistema di controllo broadcast. La regolazione per la versione up&down viene realizzata simultaneamente e non è possibile rendere indipendenti l'emissione superiore e quella inferiore.

Per regolazione individuale via Casambi utilizzare gli spot versione Casambi, con alimentazione non dimmerabile.

## Informazioni Aggiuntive

Sistema elettrico alimentato a 24V e limitato ad una corrente massima di 5A e 120W.

Grado di protezione IP20.

Adatti ad installazioni su superfici normalmente incombustibili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

This innovative profile system for surface and suspended installation is characterized by its high flexibility. Profiles are equipped with integrated lighting available in direct and indirect emission with the possibility of adding two spots in order to combine accent and detail lighting. The spotlights available for this system are part of the Atom family designed by Piero Lissoni.

The key part of the system is the joint for powering and joining profiles together, which allows to create configurations in 360°, every 45°, as well as to easily connect up to 8 profiles to the same joint piece. Herewith, the system offers an endless number of combinations. It can be composed to create any imaginable structure and can be adapted to different architectural spaces.

System of extruded aluminum profiles from 1m up to 2.5m in white, black, anodized ice and bronze finish.

## Optic system

- Down linear profile - direct light output: General lighting.
- Up&down linear profile - direct/indirect light output: General lighting.
- Down linear profile + 2 spots - direct light output and accent lighting: General lighting, Spot, Medium.
- Up&down linear profile + 2 spots - direct/indirect light output and accent lighting: General lighting, Spot, Medium.

## Power Supply

The system can be powered by a remote power supply which is not included. Recommended drivers must be ordered separately.

## Regulation System

System controlled by 1-10V, DALI or Casambi. Broadcast control system. The light dimming for the up&down version can only happen simultaneously. The upper and lower emission cannot be controlled individually.

For individual regulation via Casambi, use the Casambi version of spots, with non-dimmable power supply.

## Additional Information

Electrical system powered at 24Vdc and limited to a maximum current of 5A and a maximum power of 120W. IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

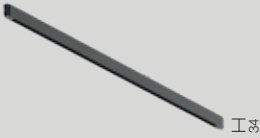
**FLOS**  
CONTROL BY CASAMBI



# HOW TO ORDER

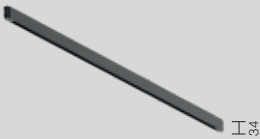
## 1 CHOOSE YOUR PROFILE AND LENGTH

### DOWN PROFILE



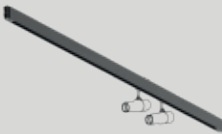
L: 1 / 1,5 / 2 / 2,5 m

### UP&DOWN PROFILE



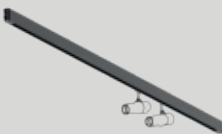
L: 1 / 1,5 / 2 / 2,5 m

### DOWN + SPOTS PROFILE



L: 1 / 1,5 / 2 / 2,5 m

### UP&DOWN + SPOTS PROFILE



L: 1 / 1,5 / 2 / 2,5 m

## 2 COMPLETE WITH MOUNTING ACCESSORIES

**Surface installation**  
with remote driver

### Accessories

Recessed power joint



Electrical and mechanical

or

Recessed power joint with rose



Electrical and mechanical

Recessed joint



Mechanical

**Suspension installation**  
with remote driver

Feed suspension joint



Electrical and mechanical

or

Feed suspension joint with rose



Electrical and mechanical

Suspension joint surface



Mechanical

**3 SELECT POWER SUPPLY AND CONTROL OPTION**

**Recessed installation**



120W - 110 - 240 V

**1-10V /Non Dimmable**

(select the driver with the appropriate power according to the needs of your project)

or



120W - 110 - 240 V

**Dali broadcast**

or



**Casambi broadcast**

(select the driver with the appropriate power according to the needs of your project)



**4 SELECT A LIGHT MODULE AND CONTROL OPTION**

**Atom 90**



S/M

**Atom 120**



S/M

**Atom 90**



S/M

**Casambi**

**Atom 120**



S/M

**Casambi**



**Suspension installation**



120W - 110 - 240 V

**1-10V**

(select the driver with the appropriate power according to the needs of your project)

or



120W - 110 - 240 V

**Dali broadcast**

or



120W - 110 - 240 V

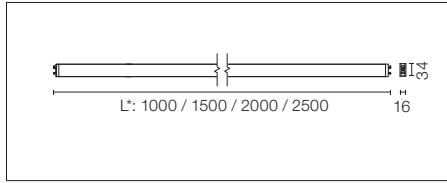
**Casambi broadcast**

(select the driver with the appropriate power according to the needs of your project)

# DIVERSION – LIGHT MODULES STRUCTURES

## Diversion Down

**Light Source:** Top LED 13,5 W/m - 1540 lm/m - 2700K/CRI 90 - 3000K/CRI 90



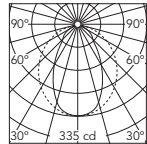
Profilo elettromeccanico da interni con illuminazione lineare diretta integrata per installazione a superficie o in sospensione. Con lunghezze da 1 a 2,5m\* (distanza tra i centri dei giunti sferici). Da fissare con kit di alimentazione e giunto meccanico da ordinare separatamente. Kit di alimentazione e giunto meccanico da ordinare separatamente. Sistema controllato con driver 1-10V, DALI o Casambi. Sistema di controllo broadcast. Dimmer non compreso.

Electro-mechanical profile for indoor application with integrated direct linear light element for surface or suspended installation. With lengths varying from 1 to 2.5m\* (distance between ball joint centers). Fixation by a joint with power kit. Power kit and mechanical joint must be ordered separately. System controlled by 1-10V driver, DALI or Casambi. Broadcast control system. Dimmer not included.

### 2700K

L: 1000 mm - 13,5W - 1540 lm

- 09.8000.40
- 09.8000.1A
- 09.8000.14
- 09.8000.CZ



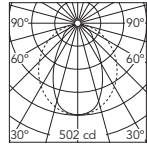
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	335	1.21
2	84	2.41
3	37	3.62
4	21	4.82
5	13	6.03

Luminous flux luminaire 634 lm

L: 1500 mm - 20,5W - 2310 lm

- 09.8002.40
- 09.8002.1A
- 09.8002.14
- 09.8002.CZ



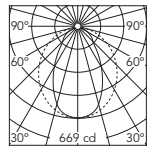
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	502	1.21
2	125	2.41
3	56	3.62
4	31	4.82
5	20	6.03

Luminous flux luminaire 951 lm

L: 2000 mm - 27,5W - 3080 lm

- 09.8004.40
- 09.8004.1A
- 09.8004.14
- 09.8004.CZ



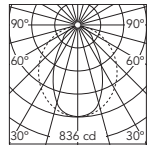
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	669	1.21
2	167	2.41
3	74	3.62
4	42	4.82
5	27	6.03

Luminous flux luminaire 1267 lm

L: 2500 mm - 34,5W - 3850 lm

- 09.8006.40
- 09.8006.1A
- 09.8006.14
- 09.8006.CZ



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	836	1.21
2	209	2.41
3	93	3.62
4	52	4.82
5	33	6.03

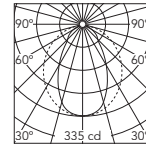
Luminous flux luminaire 1584 lm

@White (40)

### 3000K

L: 1000 mm - 13,5W - 1540 lm

- 09.8001.40
- 09.8001.1A
- 09.8001.14
- 09.8001.CZ



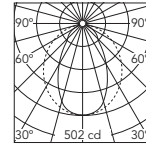
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	335	1.21
2	84	2.41
3	37	3.62
4	21	4.82
5	13	6.03

Luminous flux luminaire 634 lm

L: 1500 mm - 20,5W - 2310 lm

- 09.8003.40
- 09.8003.1A
- 09.8003.14
- 09.8003.CZ



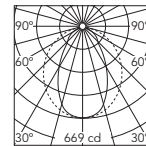
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	502	1.21
2	125	2.41
3	56	3.62
4	31	4.82
5	20	6.03

Luminous flux luminaire 951 lm

L: 2000 mm - 27,5W - 3080 lm

- 09.8005.40
- 09.8005.1A
- 09.8005.14
- 09.8005.CZ



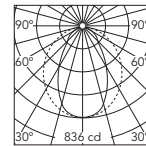
Beam Angle: 62°

h(m)	E(lx)	D(m)
1	669	1.21
2	167	2.41
3	74	3.62
4	42	4.82
5	27	6.03

Luminous flux luminaire 1267 lm

L: 2500 mm - 34,5W - 3850 lm

- 09.8007.40
- 09.8007.1A
- 09.8007.14
- 09.8007.CZ



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	836	1.21
2	209	2.41
3	93	3.62
4	52	4.82
5	33	6.03

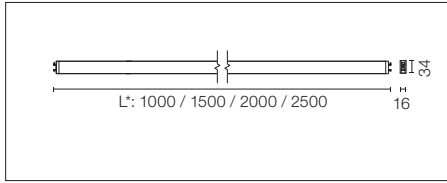
Luminous flux luminaire 1584 lm

@White (40)

# DIVERSION – LIGHT MODULES STRUCTURES

## Diversion Up&Down

**Light Source:** Top LED 20,5 W/m - 744 lm/m UP - 1540 lm/m DOWN - 2700K/CRI 90 - 3000K/CRI 90



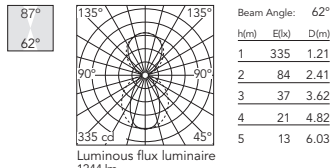
Profilo elettromeccanico da interni con illuminazione lineare diretta e indiretta integrata per installazione a superficie o in sospensione. Con lunghezze da 1 a 2,5m\* (distanza tra i centri dei giunti sferici). Da fissare con kit di sospensione alimentato e sostenuto mediante giunto. Kit di alimentazione e giunto meccanico da ordinare separatamente. Sistema controllato con driver 1-10V, DALI o Casambi. Sistema di controllo broadcast. Dimmer non compreso.

Electro-mechanical profile for indoor application with integrated direct and indirect linear light element for surface or suspended installation. With lengths varying from 1 to 2.5m\* (distance between ball joint centers). Fixation by fed suspension kit and suspended by a joint. Power kit and mechanical joint must be ordered separately. System controlled by 1-10V driver, DALI or Casambi. Broadcast control system. Dimmer not included.

### 2700K

L: 1000 mm - 20,5W  
744 lm UP - 1540 lm DOWN

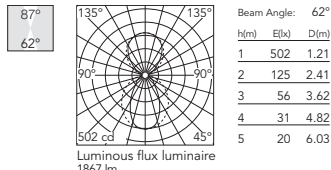
- 09.8010.40
- 09.8010.1A
- 09.8010.14
- 09.8010.CZ



L: 1500 mm - 32W

1116 lm UP - 2310 lm DOWN

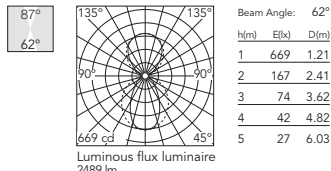
- 09.8012.40
- 09.8012.1A
- 09.8012.14
- 09.8012.CZ



L: 2000 mm - 43W

1488 lm UP - 3080 lm DOWN

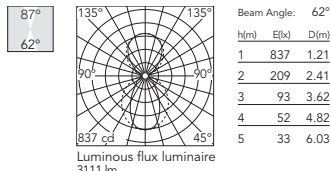
- 09.8014.40
- 09.8014.1A
- 09.8014.14
- 09.8014.CZ



L: 2500 mm - 54,5W

1860 lm UP - 3850 lm DOWN

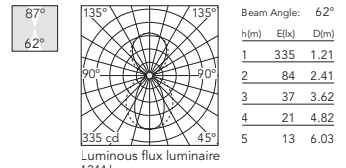
- 09.8016.40
- 09.8016.1A
- 09.8016.14
- 09.8016.CZ



### 3000K

L: 1000 mm - 20,5W  
744 lm UP - 1540 lm DOWN

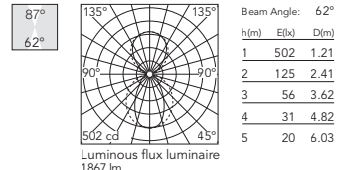
- 09.8011.40
- 09.8011.1A
- 09.8011.14
- 09.8011.CZ



L: 1500 mm - 32W

1116 lm UP - 2310 lm DOWN

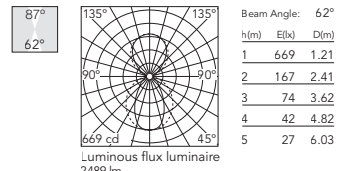
- 09.8013.40
- 09.8013.1A
- 09.8013.14
- 09.8013.CZ



L: 2000 mm - 43W

1488 lm UP - 3080 lm DOWN

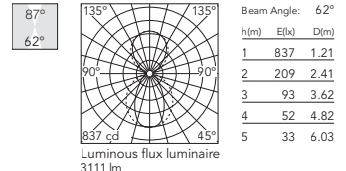
- 09.8015.40
- 09.8015.1A
- 09.8015.14
- 09.8015.CZ



L: 2500 mm - 54,5W

1860 lm UP - 3850 lm DOWN

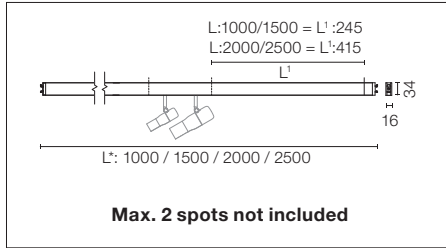
- 09.8017.40
- 09.8017.1A
- 09.8017.14
- 09.8017.CZ



# DIVERSION – LIGHT MODULES STRUCTURES

## Diversion Down + Spots

Light Source: Top LED 11W/m\* - 1255 lm/m - 2700K/CRI 90 - 3000K/CRI 90



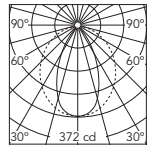
Profilo elettromeccanico da interni con illuminazione lineare diretta integrata e spazio per due spot, per installazione a superficie o in sospensione. Con lunghezze da 1 a 2,5m\* (distanza tra i centri dei giunti sferici). Da fissare con kit di sospensione alimentato e sostenuto mediante giunto. Kit di alimentazione e giunto meccanico da ordinare separatamente. Sistema controllato con driver 1-10V, DALI o Casambi. Sistema di controllo broadcast. Dimmer non compreso. Nelle strutture in sospensione composte da un unico profilo, è necessario equilibrare i faretto per evitarne l'inclinazione.

Electro-mechanical profile for indoor application with integrated direct linear light element and space for two spots, for surface or suspended installation. With lengths varying from 1 to 2.5m\* (distance between ball joint centers). Fixation by fed suspension kit and suspended by a joint. Power kit and mechanical joint must be ordered separately. System controlled by 1-10V driver, DALI or Casambi. Broadcast control system. Dimmer not included. For single profile structures, suspended version, balance the spot to avoid profile tilting.

### 2700K

L: 1000 mm - 11W - 1255 lm

- 09.8020.40
- 09.8020.1A
- 09.8020.14
- 09.8020.CZ



Beam Angle: 52°

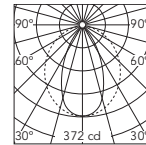
h(m)	E(lx)	D(m)
1	372	0.97
2	93	1.93
3	41	2.90
4	23	3.87
5	15	4.84

Luminous flux luminaire 516 lm

### 3000K

L: 1000 mm - 11W - 1255 lm

- 09.8021.40
- 09.8021.1A
- 09.8021.14
- 09.8021.CZ



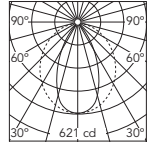
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	372	0.97
2	93	1.93
3	41	2.90
4	23	3.87
5	15	4.84

Luminous flux luminaire 516 lm

L: 1500 mm - 18W - 2097 lm

- 09.8022.40
- 09.8022.1A
- 09.8022.14
- 09.8022.CZ



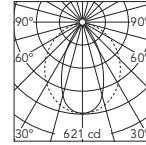
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	621	0.97
2	155	1.93
3	69	2.90
4	39	3.87
5	25	4.84

Luminous flux luminaire 863 lm

L: 1500 mm - 18W - 2097 lm

- 09.8023.40
- 09.8023.1A
- 09.8023.14
- 09.8023.CZ



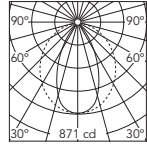
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	621	0.97
2	155	1.93
3	69	2.90
4	39	3.87
5	25	4.84

Luminous flux luminaire 863 lm

L: 2000 mm - 25W - 2939 lm

- 09.8024.40
- 09.8024.1A
- 09.8024.14
- 09.8024.CZ



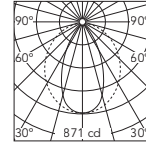
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	871	0.97
2	218	1.93
3	97	2.90
4	54	3.87
5	35	4.84

Luminous flux luminaire 1209 lm

L: 2000 mm - 25W - 2939 lm

- 09.8025.40
- 09.8025.1A
- 09.8025.14
- 09.8025.CZ



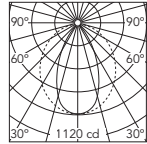
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	871	0.97
2	218	1.93
3	97	2.90
4	54	3.87
5	35	4.84

Luminous flux luminaire 1209 lm

L: 2500 mm - 32W - 3781 lm

- 09.8026.40
- 09.8026.1A
- 09.8026.14
- 09.8026.CZ



Beam Angle: 52°

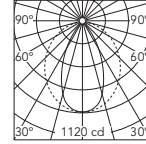
h(m)	E(lx)	D(m)
1	1120	0.97
2	280	1.93
3	124	2.90
4	70	3.87
5	45	4.84

Luminous flux luminaire 1556 lm

@White (40)

L: 2500 mm - 32W - 3781 lm

- 09.8027.40
- 09.8027.1A
- 09.8027.14
- 09.8027.CZ



Beam Angle: 52°

h(m)	E(lx)	D(m)
1	1120	0.97
2	280	1.93
3	124	2.90
4	70	3.87
5	45	4.84

Luminous flux luminaire 1556 lm

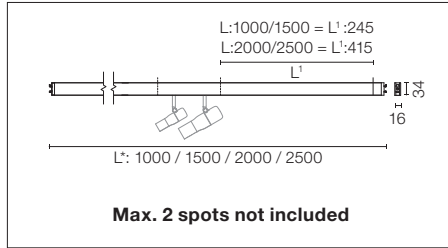
@White (40)

\* Potenza senza proiettori / Power without spots.

# DIVERSION – LIGHT MODULES STRUCTURES

## Diversion Up&Down + Spots

Light Source: Top LED 18W/m\* - 1999 lm/m - 2700K/CRI 90 - 3000K/CRI 90



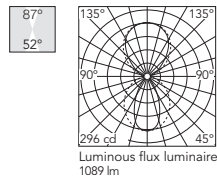
Profilo elettromeccanico da interni con illuminazione lineare diretta integrata e spazio per due spot, per installazione a superficie o in sospensione. Con lunghezze da 1 a 2,5m\* (distanza tra i centri dei giunti sferici). Da fissare con kit di sospensione alimentato e sostenuto mediante giunto. Kit di alimentazione e giunto meccanico da ordinare separatamente. Sistema controllato con driver 1-10V, DALI o Casambi. Sistema di controllo broadcast. Dimmer non compreso. Nelle strutture in sospensione composte da un unico profilo, è necessario equilibrare i faretti per evitarne l'inclinazione.

Electro-mechanical profile for indoor application with integrated direct linear light element and space for two spots, for surface or suspended installation. With lengths varying from 1 to 2.5m\* (distance between ball joint centers). Fixation by fed suspension kit and suspended by a joint. Power kit and mechanical joint must be ordered separately. System controlled by 1-10V driver, DALI or Casambi. Broadcast control system. Dimmer not included. For single profile structures, suspended version, balance the spot to avoid profile tilting.

### 2700K

L: 1000 mm - 18W  
744 lm UP - 1255 lm DOWN

- 09.8030.40
- 09.8030.1A
- 09.8030.14
- 09.8030.CZ



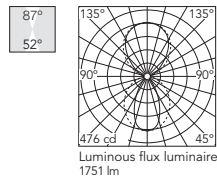
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	296	0.97
2	74	1.93
3	33	2.90
4	18	3.87
5	12	4.84

L: 1500 mm - 29,5W

1166 lm UP - 2097 lm DOWN

- 09.8032.40
- 09.8032.1A
- 09.8032.14
- 09.8032.CZ



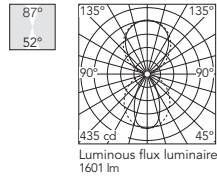
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	476	0.97
2	119	1.93
3	53	2.90
4	30	3.87
5	19	4.84

L: 2000 mm - 40,5W

1488 lm UP - 2939 lm DOWN

- 09.8034.40
- 09.8034.1A
- 09.8034.14
- 09.8034.CZ



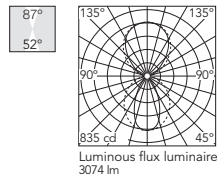
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	435	0.97
2	109	1.93
3	48	2.90
4	27	3.87
5	17	4.84

L: 2500 mm - 52W

1816 lm UP - 3781 lm DOWN

- 09.8036.40
- 09.8036.1A
- 09.8036.14
- 09.8036.CZ



Beam Angle: 52°

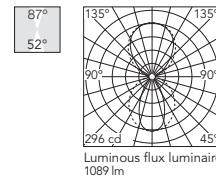
h(m)	E(lx)	D(m)
1	835	0.97
2	209	1.93
3	93	2.90
4	52	3.87
5	33	4.84

@White (40)

### 3000K

L: 1000 mm - 18W  
744 lm UP - 1255 lm DOWN

- 09.8031.40
- 09.8031.1A
- 09.8031.14
- 09.8031.CZ



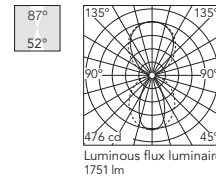
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	296	0.97
2	74	1.93
3	33	2.90
4	18	3.87
5	12	4.84

L: 1500 mm - 29,5W

1166 lm UP - 2097 lm DOWN

- 09.8033.40
- 09.8033.1A
- 09.8033.14
- 09.8033.CZ



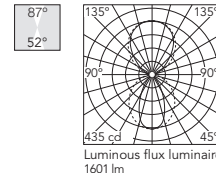
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	476	0.97
2	119	1.93
3	53	2.90
4	30	3.87
5	19	4.84

L: 2000 mm - 40,5W

1488 lm UP - 2939 lm DOWN

- 09.8035.40
- 09.8035.1A
- 09.8035.14
- 09.8035.CZ



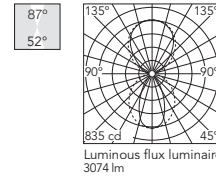
Beam Angle: 52°

h(m)	E(lx)	D(m)
1	435	0.97
2	109	1.93
3	48	2.90
4	27	3.87
5	17	4.84

L: 2500 mm - 52W

1816 lm UP - 3781 lm DOWN

- 09.8037.40
- 09.8037.1A
- 09.8037.14
- 09.8037.CZ



Beam Angle: 52°

h(m)	E(lx)	D(m)
1	835	0.97
2	209	1.93
3	93	2.90
4	52	3.87
5	33	4.84

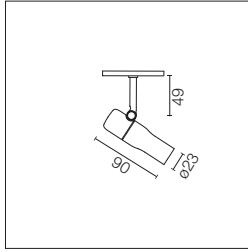
@White (40)

\* Potenza senza proiettori / Power without spots.

# DIVERSION – LIGHT MODULES

## Atom 90 Designed By Piero Lissoni

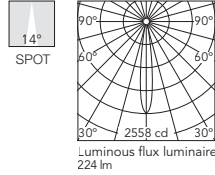
Light Source: Power LED 5,5W - 450 lm - 2700K/CRI 90 / 5,5W - 485 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento, installabile sul sistema Diversion. Convertitore elettronico DC/DC incorporato. Sistema regolabile con driver 1-10V, DALI o Casambi. Sistema di controllo broadcast. Dimmer non incluso. Per controllare individualmente gli spot tramite Casambi selezionare gli spot in versione Casambi. Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Diversion system. Electronic DC/DC converter incorporated. System controlled by 1-10V, DALI or Casambi. Broadcast control system. Dimmer not included. To individually control the spots via Casambi, choose the Casambi version of spots. Accessories included (honeycomb and screening crosspiece).

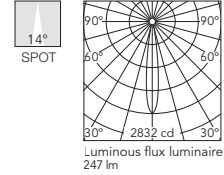
- 2700K**
- 09.3831.40A
  - 09.3831.1AA
  - 09.3831.14A
  - 09.3831.CZA
  - Casambi
  - 09.3931.40A
  - 09.3931.14A
  - 09.3931.CZA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	2558	0.25
2	640	0.51
3	284	0.76
4	160	1.02
5	102	1.27

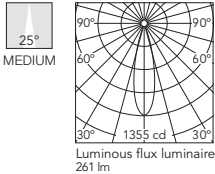
- 3000K**
- 09.3830.40A
  - 09.3830.1AA
  - 09.3830.14A
  - 09.3830.CZA
  - Casambi
  - 09.3930.40A
  - 09.3930.14A
  - 09.3930.CZA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	2832	0.25
2	708	0.51
3	315	0.76
4	177	1.02
5	113	1.27

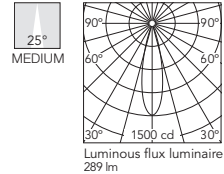
- 2700K**
- 09.3833.40A
  - 09.3833.1AA
  - 09.3833.14A
  - 09.3833.CZA
  - Casambi
  - 09.3933.40A
  - 09.3933.14A
  - 09.3933.CZA



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1355	0.45
2	339	0.89
3	151	1.34
4	85	1.79
5	54	2.23

- 3000K**
- 09.3832.40A
  - 09.3832.1AA
  - 09.3832.14A
  - 09.3832.CZA
  - Casambi
  - 09.3932.40A
  - 09.3932.14A
  - 09.3932.CZA

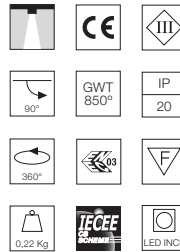
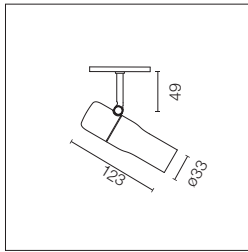


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1500	0.45
2	375	0.89
3	167	1.34
4	94	1.79
5	60	2.23

## Atom 120 Designed By Piero Lissoni

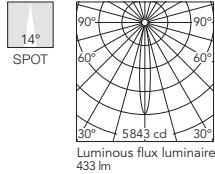
Light Source: Power LED 8W - 635 lm - 2700K/CRI 90 / 8W - 680 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento, installabile sul sistema Diversion. Convertitore elettronico DC/DC incorporato. Sistema regolabile con driver 1-10V, DALI o Casambi. Sistema di controllo broadcast. Dimmer non incluso. Per controllare individualmente gli spot tramite Casambi selezionare gli spot in versione Casambi. Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Diversion system. Electronic DC/DC converter incorporated. System controlled by 1-10V, DALI or Casambi. Broadcast control system. Dimmer not included. To individually control the spots via Casambi, choose the Casambi version of spots. Accessories included (honeycomb and screening crosspiece).

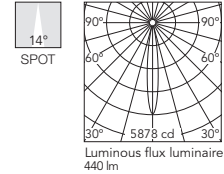
- 2700K**
- 09.3841.40A
  - 09.3841.1AA
  - 09.3841.14A
  - 09.3841.CZA
  - Casambi
  - 09.3941.40A
  - 09.3941.14A
  - 09.3941.CZA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5843	0.24
2	1461	0.48
3	649	0.72
4	365	0.95
5	234	1.19

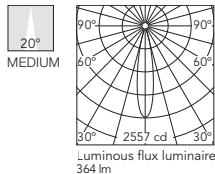
- 3000K**
- 09.3840.40A
  - 09.3840.1AA
  - 09.3840.14A
  - 09.3840.CZA
  - Casambi
  - 09.3940.40A
  - 09.3940.14A
  - 09.3940.CZA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5878	0.24
2	1469	0.49
3	653	0.73
4	367	0.97
5	235	1.21

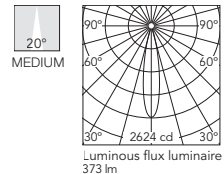
- 2700K**
- 09.3843.40A
  - 09.3843.1AA
  - 09.3843.14A
  - 09.3843.CZA
  - Casambi
  - 09.3943.40A
  - 09.3943.14A
  - 09.3943.CZA



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2557	0.35
2	639	0.70
3	284	1.06
4	160	1.41
5	102	1.76

- 3000K**
- 09.3842.40A
  - 09.3842.1AA
  - 09.3842.14A
  - 09.3842.CZA
  - Casambi
  - 09.3942.40A
  - 09.3942.14A
  - 09.3942.CZA



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2624	0.35
2	656	0.70
3	292	1.06
4	164	1.41
5	105	1.76



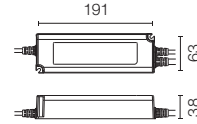
# DIVERSION – DRIVERS

## Driver / Drivers

### Remote Installation

Fonte di alimentazione remota. Regolabile mediante protocollo 0-1/10V. 24V. Intervallo di dimmerazione 0-100%. Carico minimo 20W

Remote power supply. Dimmable through 0-1/10V. protocol. 24V. Dimming range 10-100%. Minimum load 20W

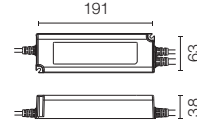


120W - 110\*/240V  
60.9681

\*UL max 100W

Fonte di alimentazione remota. Regolabile mediante protocollo DALI. 24V. Intervallo di dimmerazione 10-100%. Carico minimo 20W

Remote power supply. Dimmable through DALI protocol. 24V. Dimming range 10-100%. Minimum load 20W



120W - 110\*/240V  
60.9880

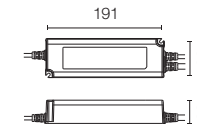
\*UL max 100W

### Casambi

#### Remote Installation

Fonte di alimentazione remota. Regolabile mediante protocollo. 24V. Casambi. Intervallo di dimmerazione 10-100%. Carico minimo 20W

Remote power supply. Dimmable through Casambi protocol. 24V. Dimming range 10-100%. Minimum load 20W



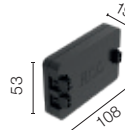
120W - 110\*/240V  
60.9683

\*UL max 100W

## Unità di controllo / Control Units

Gateway di regolazione wireless. Da 1-10V a Casambi. Per installazione remota. Vedi le specifiche del prodotto nel manuale Flos Control. Consigliato per fungere da gateway da Lutron a Casambi.

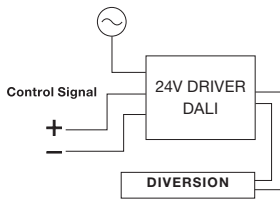
Wireless Dimmer Bridge. From 1-10V to Casambi. For remote installation. See product specifications in the Flos Control manual. Recommended to act as a gateway from Lutron to Casambi.



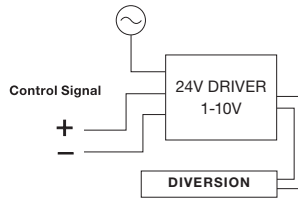
DIM 1-10V >> Casambi  
■ 08.0824.14

## Remote Driver Installations - Broadcast DIM

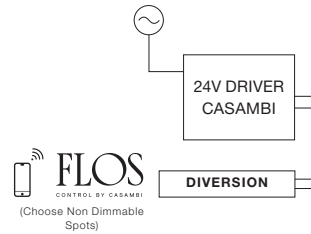
### Driver Option 1 (DALI)



### Driver Option 2 (1-10V)

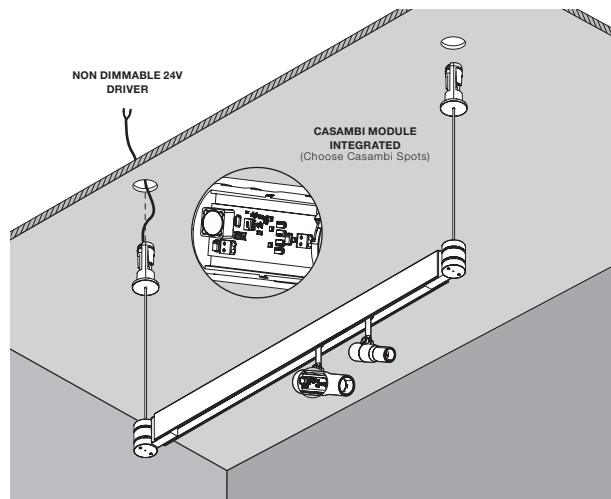
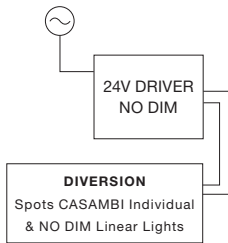


### Driver Option 3 CASAMBI



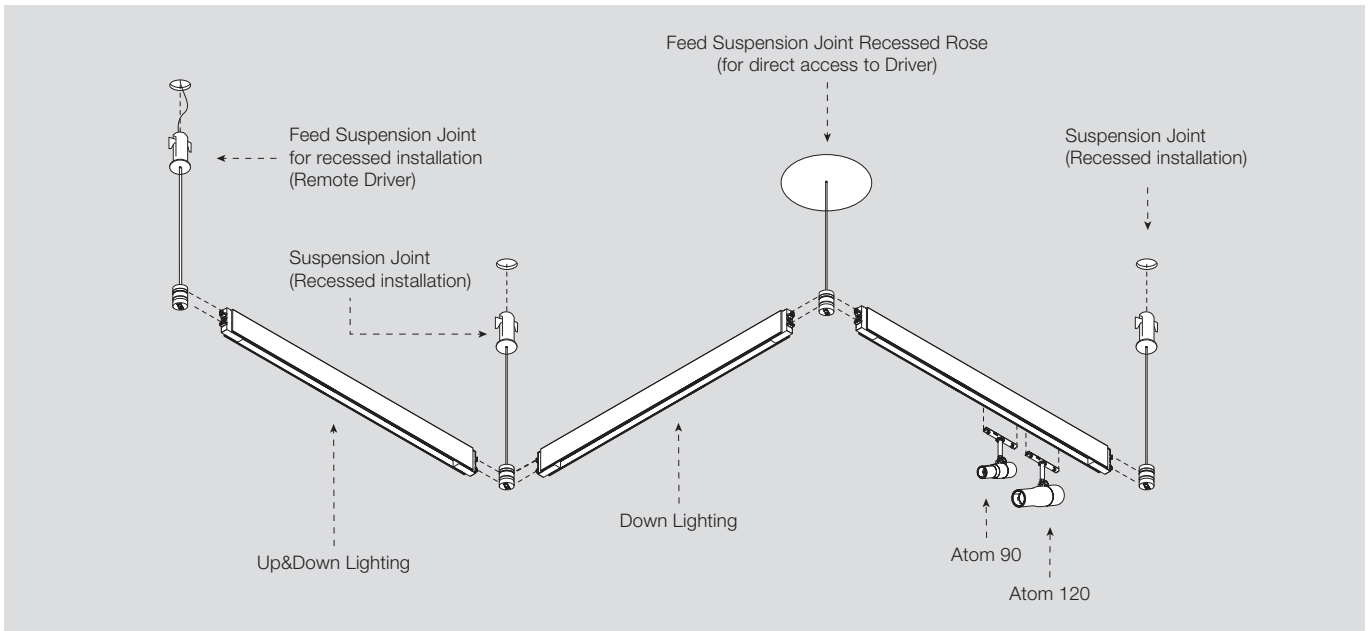
## Remote Driver Installations - Spots CASAMBI Individual & NO DIM Linear Lights

### Driver Option 4 NO DIM & CASAMBI



# DIVERSION – INSTALLATION

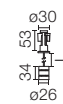
## SUSPENSION INSTALLATION



### Accessori / Accessories

Giunto di alimentazione per sospensione. 24V.  
Cavo di alimentazione: 3800mm.

Feed suspension joint. 24V.  
Power cable: 3800 mm.



06.5300.40  
06.5300.1A  
06.5300.14  
06.5300.CZ

Giunto di sospensione.  
Filo in acciaio 0,6mm di spessore e lunghezza 3800 mm.

Suspension joint.  
0.6 mm thick, 3800 mm long steel wire.



06.5301.40  
06.5301.1A  
06.5301.14  
06.5301.CZ

Giunto di alimentazione per sospensione da incassare con rosone. 24V.  
Cavo di alimentazione: 3800mm.

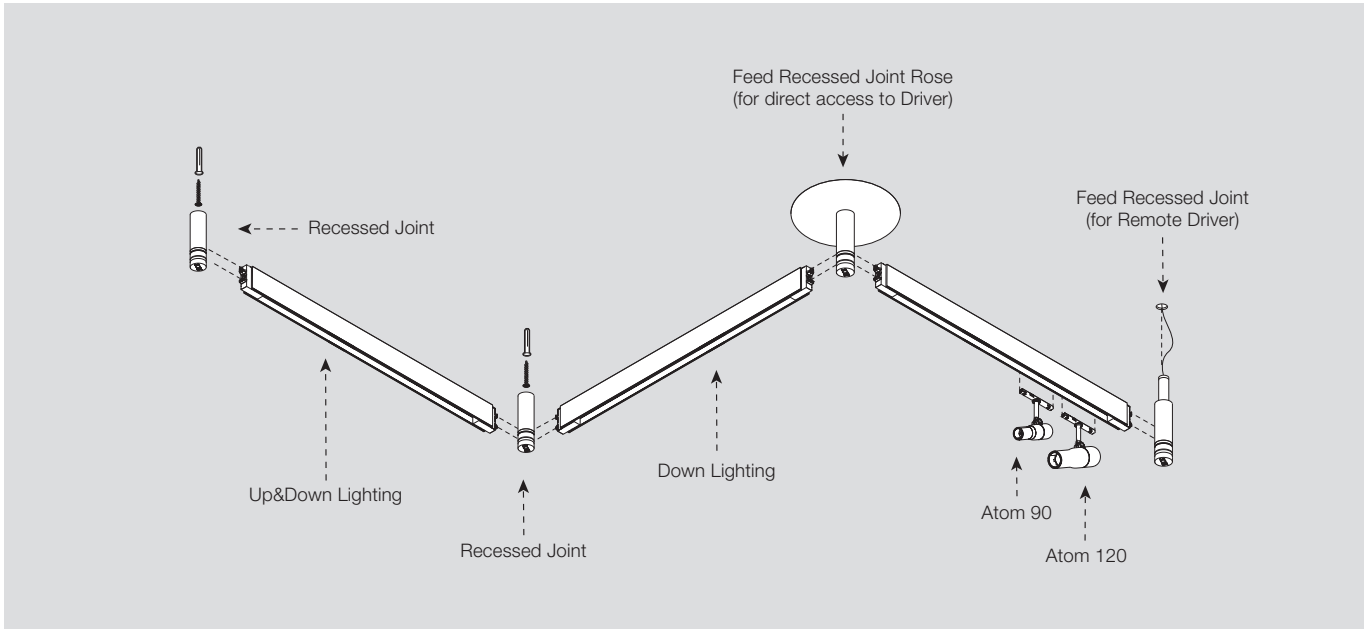
Feed suspension joint with rose, for recessing. 24V.  
Power cable: 3800 mm.



06.5302.40  
06.5302.1A  
06.5302.14  
06.5302.CZ

# DIVERSION – INSTALLATION

## SURFACE INSTALLATION



### Accessori / Accessories

Giunto di alimentazione a incasso.  
24V.

Feed recessed joint. 24V



06.5304.40  
06.5304.1A  
06.5304.14  
06.5304.CZ

Giunto a incasso e a superficie.

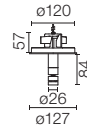
Recessed / surface joint.



06.5305.40  
06.5305.1A  
06.5305.14  
06.5305.CZ

Giunto di alimentazione da incasso  
con rosone. 24V.

Feed recessed joint rose. 24V.



06.5306.40  
06.5306.1A  
06.5306.14  
06.5306.CZ

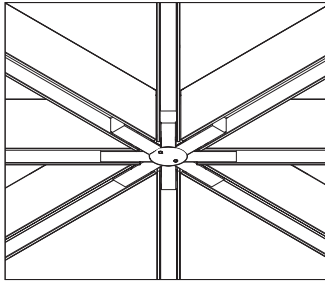
# DIVERSION – FAQ

• **Quanti profili possono essere alimentati dalla stessa fonte di alimentazione?**

Il limite è dato dalla la potenza. Usando la fonte di alimentazione di 120W bisogna adeguare il numero di apparecchi a questa potenza massima.

• **Quanti profili possono essere collegati a un solo giunto?**

Allo stesso giunto possono essere collegati massimo 8 profili.



• **How many profiles can I feed up with the same driver?**

Power is the limit. When using the 120W driver model, the number of luminaires must be adjusted to that maximum consumption.

• **How many profiles can I connect to one single joint?**

It is possible to connect up to 8 profiles to the same joint.

• **Quanti profili possono essere alimentati da un solo giunto di alimentazione?**

Il massimo sono 8, uno ogni 45°, e il limite è dato dalla potenza che deve essere inferiore a 120W.

- Esempio 1: usando i profili di 1m e di illuminazione diretta (DOWN).  
Potenza Modulo luce = 13,5W.  
 $120W/13,5W = 8,88$  moduli, arrotondando al numero intero per difetto abbiamo un massimo di 8 moduli.  
Quindi il giunto potrà essere completato con un massimo di 8 moduli lineari di luce senza faretti.

- Esempio 2: usando i profili di 2,5m con emissione diretta e indiretta (Up&Down) con due faretti Atom 120.  
Potenza Modulo luce + 2 faretti =  $54,5W + 2 \times 8W = 70,5W$ .  $120W/70,5W = 1,7$  moduli, arrotondando al numero intero per difetto abbiamo un massimo di 1 modulo.  
Quindi il giunto potrà essere completato con un solo modulo lineare di luce con due faretti. Per aggiungere altri elementi allo stesso giunto, questi dovranno essere alimentati da un altro giunto nell'estremo opposto.

È fondamentale configurare gli interruttori situati agli estremi di ogni profilo per evitare di attivare/disattivare varie fonti di alimentazione, cosa che provocherebbe un cattivo funzionamento del sistema.

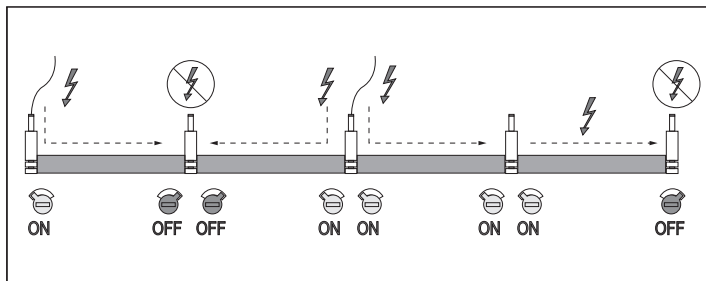
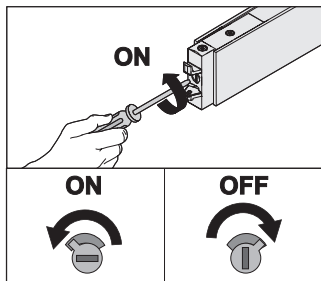
• **How many profiles can I feed up with one single feeding joint?**

The maximum quantity is 8 pieces, one every 45°. The limit is represented by their total power consumption which has to be less than 120W.

- Example 1; when using 1m profiles with direct light emission (DOWN).  
Lighting module power consumption = 13,5W.  
 $120W/13,5W = 8,88$  lighting modules, which means 8 modules maximum.  
The joint could therefore feature up to 8 light modules single emission without spots.

- Example 2; when using 2,5m profiles featuring direct/indirect light emission (Up&Down) with 2 Atom 120 spots.  
Lighting module power consumption including 2 spots =  $54,5W + 2 \times 8W = 70,5W$ .  
 $120W/70,5W = 1,7$  modules, which means 1 module maximum.  
It is therefore possible to complete a joint attaching only one lighting module Up&Down equipped with two spots. In order to add more elements to the same joint, these will need to be fed by another dedicated joint located on the opposite side of the profile.

Please make sure to set the integrated switches located at the end of each profile. This will avoid switching multiple power supplies, which would cause the entire system to malfunction.



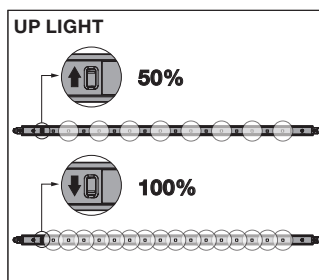
• **Posso controllare ogni apparecchio individualmente?**

No, il sistema è controllato simultaneamente (broadcast). L'illuminazione diretta e indiretta non possono essere separate per essere controllate in modo indipendente.

I moduli con illuminazione indiretta sono dotati di un commutatore per ridurre la potenza massima al 50%, fissando questa potenza massima senza incidere sulle opzioni di regolazione DALI, 1-10V o Casambi.

• **Can I control each luminaire individually?**

No, the entire system is controlled simultaneously (broadcast). Direct and indirect lighting cannot be separated for independent control either. Modules with indirect illumination are equipped with a switch to reduce the maximum power of 50%, establishing it as the maximum without affecting the DALI, 1-10V or Casambi dimming options.



# DIVERSION – FAQ

• **Con una alimentazione a superficie qual è il profilo più grande che è possibile installare?**

- Up&Down - 2500mm
- Up&Down + 2 Spots - 2000m
- Down - 2500mm
- Down + 2 Spots - 2500mm

• **Che tipo di configurazioni posso realizzare con il sistema Diversion?**

A titolo di esempio mostriamo le seguenti configurazioni; le possibilità sono pressoché infinite tenendo conto che l'angolo minimo di rotazione tra i profili è di 45° e il carico massimo dipende dall'unità di alimentazione selezionata. (Unità di alimentazione non inclusa, a secondo dell'installazione il driver può essere installato remoto o all'interno di box dedicati in superficie o sospensione).

• **Which is the biggest profile I can install with the surface power supply?**

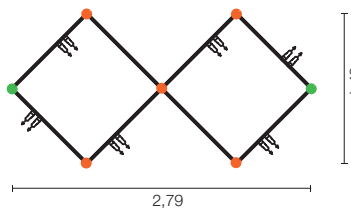
- Up&Down - 2500mm
- Up&Down + 2 Spots - 2000m
- Down - 2500mm
- Down + 2 Spots - 2500mm

• **Which kind of layouts can be designed with Diversion?**

As an example, we show the following compositions; the possibilities of configuration with this system are almost endless considering that the minimum angle between two profiles is 45° and the maximum load depends on the feeding equipment selected. (Feeding equipment is not included, depending on the installation, the equipment can be remote or with suspension or surface boxes).

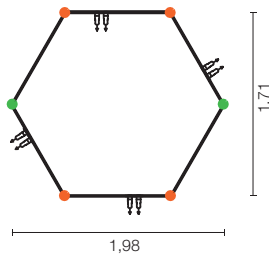
**Example No.1**

- 6 x Light Module Diversion Down + Spots - L 1000 mm
- 2 x Light Module Diversion Down - L 1000 mm
- 12 x Atom 120
- 5 x Joint
- 2 x Power Joint



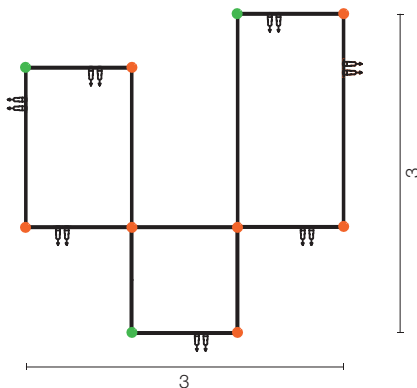
**Example No.3**

- 4 x Light Module Diversion Down + Spots - L 1000 mm
- 2 x Light Module Diversion Down - L 1000 mm
- 8 x Atom 120
- 4 x Joint
- 2 x Power Joint



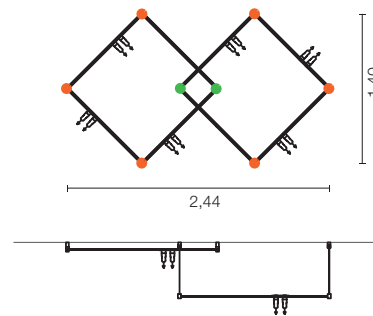
**Example No.5**

- 5 x Light Module Diversion Down + Spots - L 1000 mm
- 3 x Light Module Diversion Down - L 1000 mm
- 1 x Light Module Diversion Down + Spots - L 1500 mm
- 1 x Light Module Diversion Down - L 1500 mm
- 1 x Light Module Diversion Down + Spots - L 2000 mm
- 1 x Light Module Diversion Down - L 2000 mm
- 14 x Atom 90
- 6 x Joint
- 3 x Power Joint



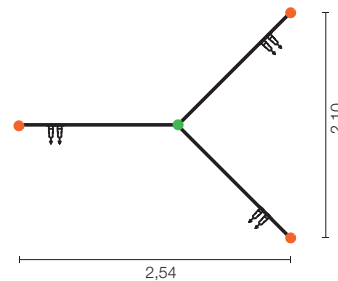
**Example No.2**

- 6 x Light Module Diversion Down + Spots - L 1000 mm
- 2 x Light Module Diversion Down - L 1000 mm
- 12 x Atom 90
- 1 x Power Joint Suspension
- 3 x Joint Suspension
- 1 x Power Joint Surface
- 3 x Joint Surface



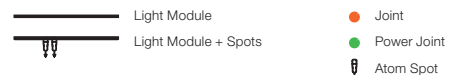
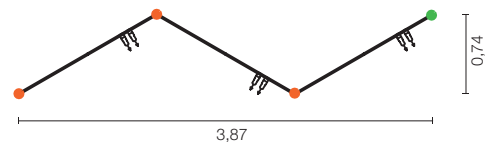
**Example No.4**

- 3 x Light Module Diversion Down + Spots - L 1000 mm
- 6 x Atom 90
- 3 x Joint
- 1 x Power Joint



**Example No.6**

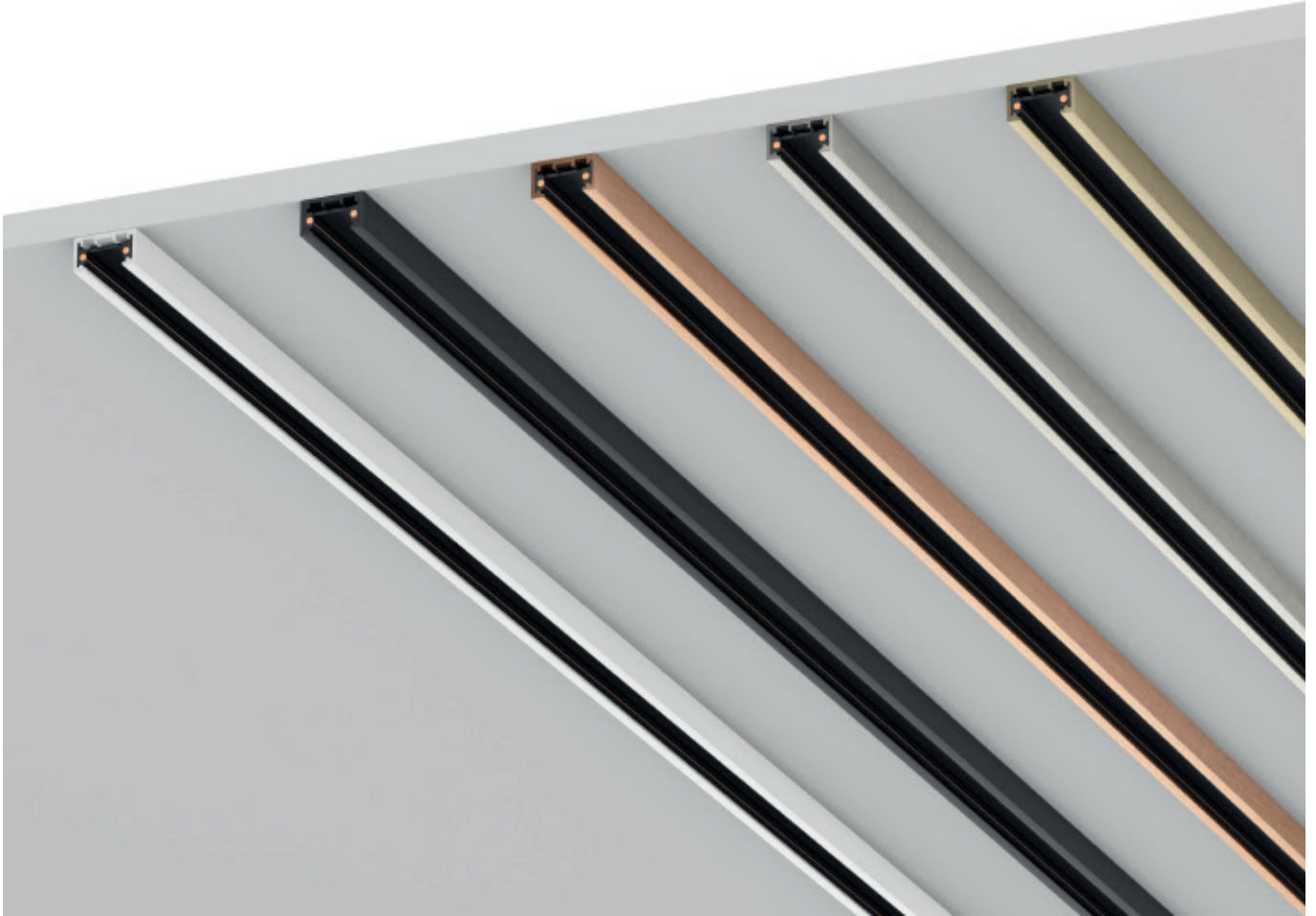
- 3 x Light Module Diversion Up&Down + Spots - L 1500 mm
- 6 x Atom 90
- 3 x Joint
- 1 x Power Joint



# ZERO TRACK PRO

DESIGNED BY FLOS ARCHITECTURAL

## SURFACE



Surface Profiles

□ Bianco  
White

■ Nero  
Black

■ Rame Spazzolato\*  
Brushed Copper\*

■ Acciaio Spazzolato\*  
Brushed Steel\*

■ Bronzo Spazzolato\*  
Brushed Bronze\*

Coming Soon

**Descrizione**

Zero Track Pro si distingue per la facilità di installazione a superficie, le dimensioni ridotte al minimo e la sua estetica minimalista: una volta integrato nello spazio, l'occhio non distingue se la linea del profilo si trova in superficie o se, invece, ad incasso soffitto/parete. Le sue ridotte dimensioni accolgono, inoltre, la tecnologia per il controllo della regolazione con protocolli che consentono una gestione professionale degli apparecchi mediante piste di dati o in modalità wireless (sia in modalità broadcast sia singolarmente, punto a punto).

**Sistema di controllo**

Il sistema può essere alimentato tramite fonte di alimentazione remota o Power Supply Drivers a superficie, disponibili come accessori.

L'integrazione dei binari e degli elementi elettrici nel profilo consente a questa versione Pro di disporre di sistemi di controllo professionali in grado di gestire gli apparecchi singolarmente, punto a punto. Pertanto, Zero Track Pro offre protocolli di controllo DALI e Casambi e in modalità broadcast 1-10V (Consultare i protocolli disponibili per ciascun apparecchio).

Per la gestione tramite Casambi è necessaria l'applicazione FLOS Control® per dispositivi mobili (disponibile per il download su Apple Store e Google Play). Su tutti gli apparecchi è disponibile un'opzione elettronica Casambi integrata, tranne che per Light Shadow Spot, Magic Stick e Light Stripes.

Il connettore di alimentazione iniziale (live end feed) dispone di uno spazio per l'ingresso dei cavi sia dalla parte superiore sia dal retro. Gli altri elementi da alimentare (feed) dispongono di uno spazio per l'ingresso dei cavi solamente nella parte superiore.

**Informazioni aggiuntive**

Zero Track Pro viene alimentata con una tensione di 24Vdc ed è limitata a una corrente massima di 8A e a una potenza massima del sistema di 192W. Inoltre, è limitata a un massimo di 10 metri e 10 interconnessioni.

Per la regolazione 1-10V è necessario un sistema di controllo attivo (SOURCE) e il collegamento diretto del bus dati di controllo al profilo. Si potranno collegare al massimo 25 apparecchi allo stesso controllo (ogni apparecchio richiede al massimo 2 mA). Per trasformare sistemi di controllo passivi (SINK) in attivi (SOURCE), è necessaria una "Control Dimming Box" ubicata tra l'unità di controllo e il binario. Si raccomanda l'utilizzo della "Control Dimming Box" raccomandata da Flos.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

**Conformità alle Normative e Marchi di Qualità**

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e Parti 2

**Description**

Zero Track Pro stands out with its ease of installation on surfaces, as well as with its minimised dimensions and minimalist aesthetics where, once integrated into the space, the eye cannot tell whether the line of the profile is on the surface or recessed into the ceiling/wall instead. Its reduced dimensions also hold the technology to control adjustment with protocols that allow professional management of appliances through data paths or wirelessly (either in broadcast mode or individually, point to point).

**Control system**

The system can be powered through a remote power supply or Power Supply Drivers on the surface, available as accessories.

The integration of the tracks and electrical components into the profile allows the Pro version to have professional control systems that can manage appliances individually, point to point. Zero Track Pro therefore offers DALI and Casambi control protocols and in broadcast mode 1-10V (See the protocols available for each appliance).

To manage appliances through Casambi, you need the FLOS Control® mobile app (available to download from Apple Store and Google Play). There is an integrated Casambi electronics option on all appliances, except for Light Shadow Spot, Magic Stick and Light Stripes. The initial power connector (live end feed) has space for cables either from the top or the back. The other elements that need power (feed) only have space for cables on the top.

**Additional information**

Zero Track Pro is supplied with a voltage of 24 VDC and is limited to a maximum current of 8A and to a maximum system power of 192W. It is also limited to a maximum of 10 metres and 10 interconnections.

For a 1-10V setting, you need an active control system (SOURCE) and a direct connection for the data control bus to the profile. You can connect a maximum of 25 appliances to the same control (each appliance requires a maximum of 2 mA). To transform passive control systems (SINK) into active systems (SOURCE), you need a "Control Dimming Box" located between the control unit and the track. It is best to use the "Control Dimming Box" recommended by Flos.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

**Regulatory Compliance and Quality Labels**

Appliance compliant with the European Technical Regulation EN60598-1 and Part 2

**FLOS**  
CONTROL BY CASAMBI



## ZERO TRACK PRO

## LIGHT MODULES

LIGHT STRIPE  
600LIGHT STRIPE  
900LIGHT STRIPE  
1200

**LIGHT SOURCE**  
TOP LED  
7W  
555 lm  
2700K/CRI 90  
582 lm  
3000K/CRI 90

**LIGHT SOURCE**  
TOP LED  
10W  
1111 lm  
2700K/CRI 90  
1166 lm  
3000K/CRI 90

**LIGHT SOURCE**  
TOP LED  
13,5W  
1667 lm  
2700K/CRI 90  
1750 lm  
3000K/CRI 90

MAGIC STICK



COMING SOON

MAGIC STICK  
ASYMMETRIC

COMING SOON

FIND ME 0



**LIGHT SOURCE**  
POWER LED  
3,5W  
276 lm  
2700K/CRI 90  
302 lm  
3000K/CRI 90

FIND ME 1



**LIGHT SOURCE**  
POWER LED  
5,5W  
432 lm  
2700K/CRI 90  
446 lm  
3000K/CRI 90

FIND ME 2



**LIGHT SOURCE**  
POWER LED  
10,5W  
724 lm  
2700K/CRI 90  
781 lm  
3000K/CRI 90

FIND ME 1  
SUSPENSION

**LIGHT SOURCE**  
POWER LED  
5,5W  
432 lm  
2700K/CRI 90  
446 lm  
3000K/CRI 90

LIGHT SHADOW  
SPOT 30

**LIGHT SOURCE**  
POWER LED  
4,7W  
257 lm  
2700K/CRI 90  
263 lm  
3000K/CRI 90

LIGHT SHADOW  
SPOT 45

**LIGHT SOURCE**  
LED ARRAY  
11W  
799 lm  
2700K/CRI 90  
844 lm  
3000K/CRI 90

ATOM 90



**LIGHT SOURCE**  
POWER LED  
5,5W  
432 lm  
2700K/CRI 90  
446 lm  
3000K/CRI 90

ATOM 120



**LIGHT SOURCE**  
POWER LED  
8W  
600 lm  
2700K/CRI 90  
648 lm  
3000K/CRI 90

ATOM 200



**LIGHT SOURCE**  
TOP LED  
10,5W  
1005 lm  
2700K/CRI 90  
1080 lm  
3000K/CRI 90



**Magic Stick**



**Light Shadow Spot**



**Find Me**



**Atom**



**Light Stripe**

14 Nero  
14 Black

40 Bianco  
40 White

14 Nero  
14 Black

EQ Rame Spazzolato\*  
EQ Brushed Copper\*

ER Acciaio Spazzolato\*  
ER Brushed Steel\*

ES Bronzo Spazzolato\*  
ES Brushed Bronze\*



**Accessories & Adapters**

\*Coming Soon - Metallic Colours

## 1 CHOOSE YOUR PROFILE AND LENGTH

### SURFACE PROFILE

Non Dimmable / Dim



L: 1 / 2 / 3 m



## 2 COMPLETE WITH MOUNTING ACCESSORIES

Live End Feed



Non Dimmable / Dim

Blind End



Staight Connector



Linear Connector Feed



Non Dimmable / Dim

Inner Corner



90° Corner Feed



Non Dimmable / Dim

X Connector Feed



Non Dimmable / Dim

T Connector Feed



Non Dimmable / Dim

Track Cover



**3 SELECT POWER SUPPLY AND CONTROL OPTION**

**Remote Installation Driver**



60W - 220/240V



120W - 220/240V



200W - 100/240V

**Surface Installation Driver**

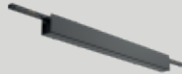
Power Supply  
Surface End



100W - 220/240V

or

Power Supply  
Surface Middle



100W - 220/240V

**4 SELECT A LIGHT MODULE AND CONTROL OPTION**

**No DIM / DALI / 1-10V**

Light Stripe 600 / 900 / 1200



**Magic Stick  
Magic Stick Asymmetric**



Light Shadow Spot 30 / 45



**No DIM / DALI / 1-10V / Casambi**

Find Me 0 / 1 / 2



Find Me Suspension



Atom 90 / 120

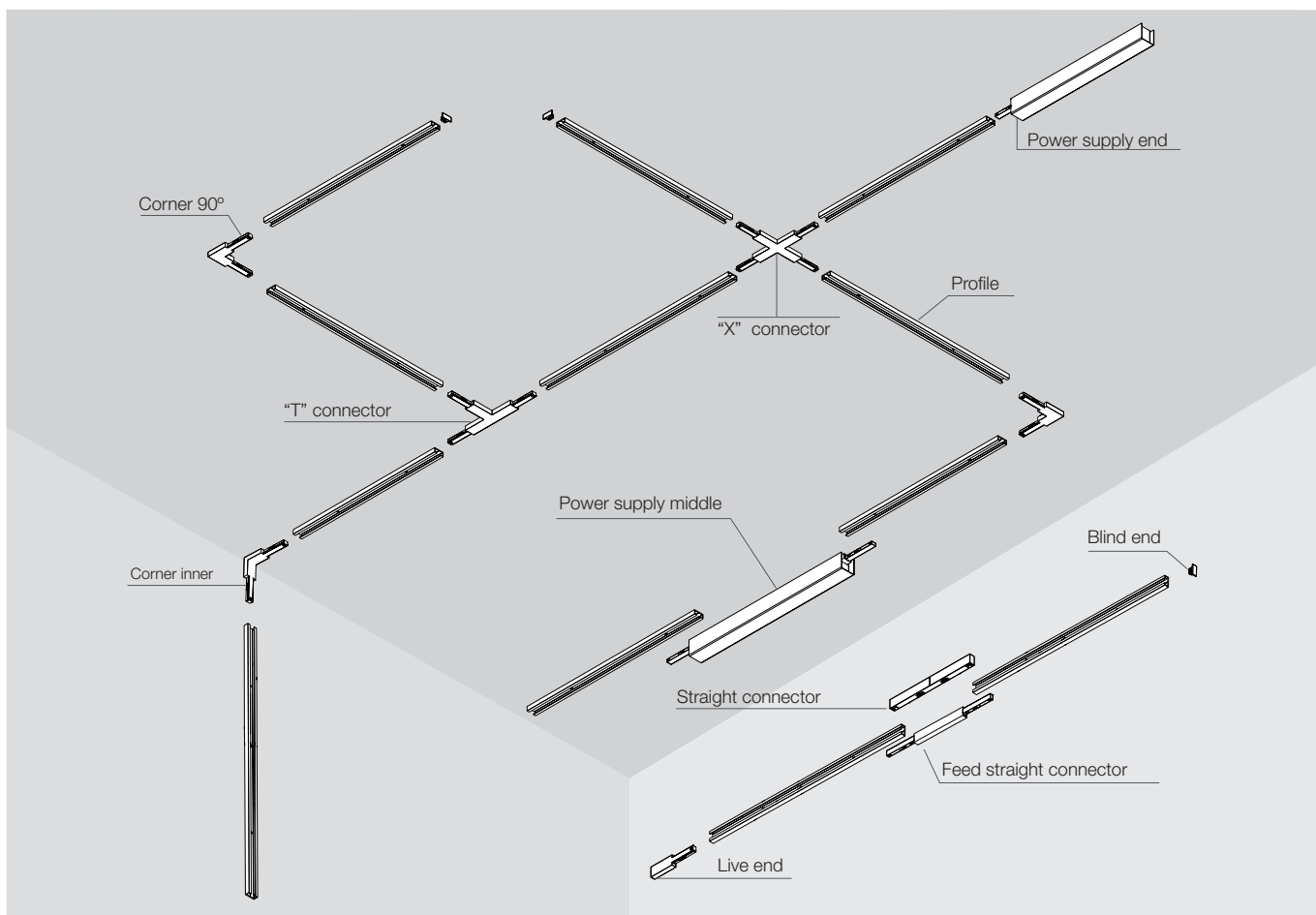


Atom 200



## ZERO TRACK PRO – PROFILES

## INSTALLATION

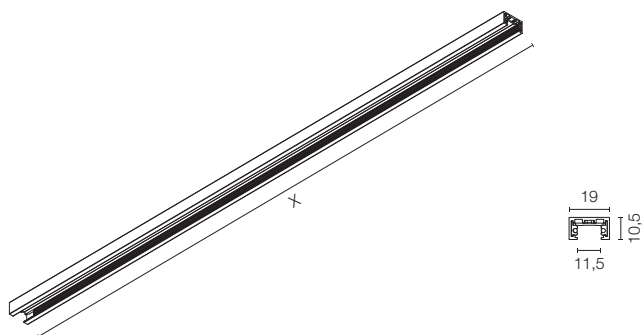


## Profili

Profilo elettromeccanico (24 V CC) da interno, lunghezze da 1 a 3 m, per l'installazione su superficie (soffitto o parete) con fissaggio mediante viti e tasselli specifici forniti con il profilo stesso. È necessario ordinare separatamente il connettore di alimentazione, i connettori intermedi e i coperchi. Sono disponibili giunti meccanici di alimentazione a forma di L, T e X, alla stessa quota. Dispone anche di un connettore elettrico lineare per unire due segmenti del binario sulla stessa quota e di un connettore elettromeccanico ad angolo di 90° per unire i segmenti del profilo su quote distinte (soffitto-parete e parete-parete all'interno). Sono disponibili anche coperchi estetici opzionali per nascondere l'interno vuoto del profilo.

## Profiles

Interior electromechanical profile (24Vdc) from 1 to 3m long for wall or ceiling installation, fastened with special screws and plugs provided with the profile. Request power connectors, intermediate connectors and covers separately. Feed unit joints available in the form of L, T and X in the same plane. It also has a linear electric connector for joining two track sections in the same plane and a 90° electromechanical connector for joining profile sections in different planes (interior wall-wall, ceiling-wall). Aesthetic covers for the inner profile gap available as an option.



L: 1 m / 2 m / 3 m

## Dimmable

L: 1000 mm

- 06.2600.40
- 06.2600.14
- Coming Soon
- Coming Soon
- Coming Soon

L: 2000 mm

- 06.2601.40
- 06.2601.14
- Coming Soon
- Coming Soon
- Coming Soon

L: 3000 mm

- 06.2602.40
- 06.2602.14

## Non Dimmable

L: 1000 mm

- 06.2603.40
- 06.2603.14
- Coming Soon
- Coming Soon
- Coming Soon

L: 2000 mm

- 06.2604.40
- 06.2604.14
- Coming Soon
- Coming Soon
- Coming Soon

L: 3000 mm

- 06.2605.40
- 06.2605.14

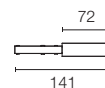
## INSTALLATION

### Connettore di alimentazione iniziale

Unità di alimentazione per fonte di alimentazione remota. È possibile inserire il cavo di alimentazione sia dalla parte posteriore sia da quella laterale.

### Live End Feed

Feed unit for remote power supply unit. Power cable inserting is possible both from the Rear and the side.



- Dimmable
- 06.2606.40
- 06.2606.14
- Coming Soon
- Coming Soon
- Coming Soon
- Non Dimmable
- 06.2613.40
- 06.2613.14
- Coming Soon
- Coming Soon
- Coming Soon

### Connettore di alimentazione lineare

Connettore di alimentazione intermedio. Ingresso del cavo di alimentazione dalla parte posteriore.

### Linear Connector Feed

Feed intermediate connector. Rear feeding cable entry.



- Dimmable
- 06.2607.40
- 06.2607.14
- Coming Soon
- Coming Soon
- Coming Soon
- Non Dimmable
- 06.2621.40
- 06.2621.14
- Coming Soon
- Coming Soon
- Coming Soon

### Connettore dritto

Connettore intermedio senza ingresso di alimentazione.

### Straight Connector

Intermediate connector with no feed entry.



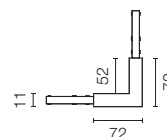
- 06.2608.40
- 06.2608.14

### Alimentazione ad angolo di 90°

Angolo piano a 90°. Possibilità di alimentazione. Con spazio posteriore per il collegamento dell'alimentazione. Ingresso del cavo di alimentazione dalla parte posteriore.

### 90° Corner Feed

90° flat corner. Can be powered. It has a rear space for the supply connection. Rear feeding cable entry.



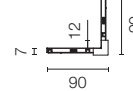
- Dimmable
- 06.2609.40
- 06.2609.14
- Coming Soon
- Coming Soon
- Coming Soon
- Non Dimmable
- 06.2614.40
- 06.2614.14
- Coming Soon
- Coming Soon
- Coming Soon

### Angolo interno

Angolo interno soffitto/parete - parete/parete. Possibilità di alimentazione. Con doppio spazio ai lati per il collegamento dell'alimentazione. Ingresso del cavo di alimentazione dalla parte posteriore.

### Inner Corner

Ceiling/wall - wall/wall inner corner. Can be powered. It has two spaces for the supply connection located on each part. Rear feeding cable entry.

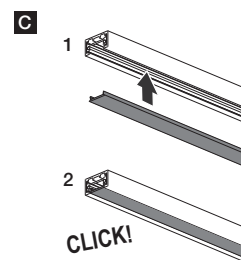
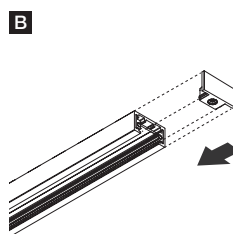
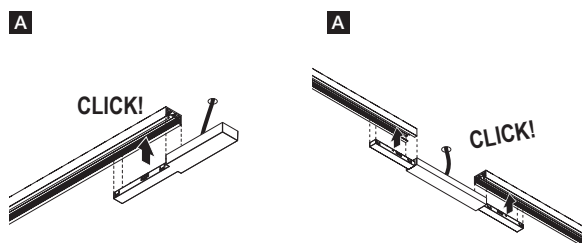


- 06.2610.40
- 06.2610.14

## HOW TO INSTALL ZERO TRACK PRO

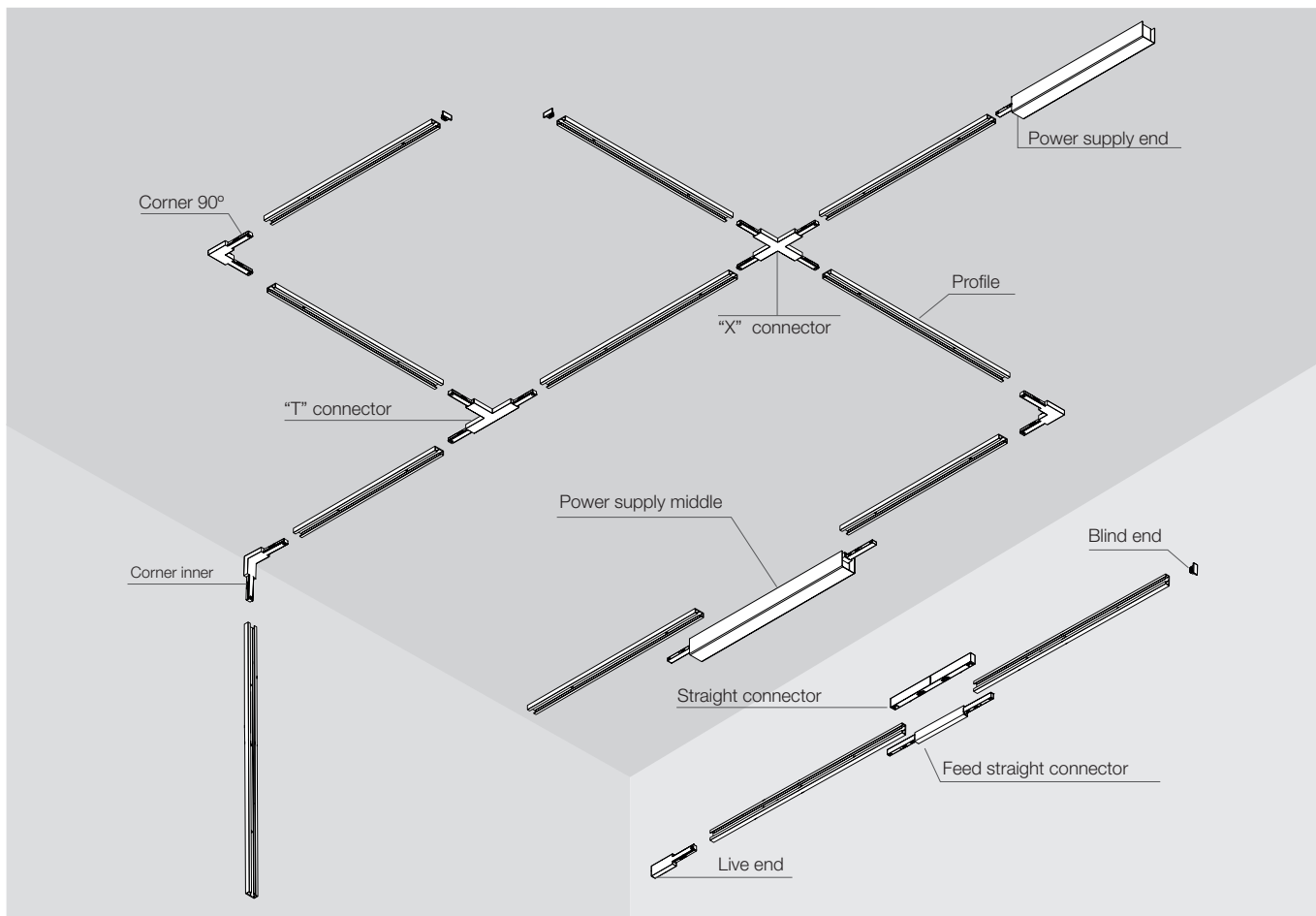
Esempi di installazione. Validi per: Feed Elements<sup>A</sup>, Connectors<sup>A</sup>, Inner Corner<sup>A</sup>, Power Supply Boxes<sup>A</sup>, Blind End<sup>B</sup> e Track Covers<sup>C</sup>.

Installation Examples. Valid for: Feed Elements<sup>A</sup>, Connectors<sup>A</sup>, Inner Corner<sup>A</sup>, Power Supply Boxes<sup>A</sup>, Blind End<sup>B</sup> and Track Covers<sup>C</sup>.



## ZERO TRACK PRO – PROFILES

## INSTALLATION

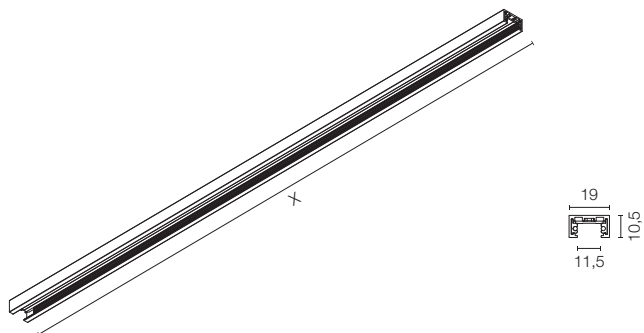


## Profili

Profilo elettromeccanico (24 V CC) da interno, lunghezze da 1 a 3 m, per l'installazione su superficie (soffitto o parete) con fissaggio mediante viti e tasselli specifici forniti con il profilo stesso. È necessario ordinare separatamente il connettore di alimentazione, i connettori intermedi e i coperchi. Sono disponibili giunti meccanici di alimentazione a forma di L, T e X, alla stessa quota. Dispone anche di un connettore elettrico lineare per unire due segmenti del binario sulla stessa quota e di un connettore elettromeccanico ad angolo di 90° per unire i segmenti del profilo su quote distinte (soffitto-parete e parete-parete all'interno). Sono disponibili anche coperchi estetici opzionali per nascondere l'interno vuoto del profilo.

## Profiles

Interior electromechanical profile (24Vdc) from 1 to 3m long for wall or ceiling installation, fastened with special screws and plugs provided with the profile. Request power connectors, intermediate connectors and covers separately. Feed unit joints available in the form of L, T and X in the same plane. It also has a linear electric connector for joining two track sections in the same plane and a 90° electromechanical connector for joining profile sections in different planes (interior wall-wall, ceiling-wall). Aesthetic covers for the inner profile gap available as an option.



L: 1 m / 2 m / 3 m

## Dimmable

L: 1000 mm

- 06.2600.40
- 06.2600.14
- Coming Soon
- Coming Soon
- Coming Soon

L: 2000 mm

- 06.2601.40
- 06.2601.14
- Coming Soon
- Coming Soon
- Coming Soon

L: 3000 mm

- 06.2602.40
- 06.2602.14

## Non Dimmable

L: 1000 mm

- 06.2603.40
- 06.2603.14
- Coming Soon
- Coming Soon
- Coming Soon

L: 2000 mm

- 06.2604.40
- 06.2604.14
- Coming Soon
- Coming Soon
- Coming Soon

L: 3000 mm

- 06.2605.40
- 06.2605.14

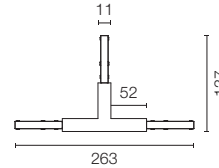
## INSTALLATION

### Connettore di alimentazione a forma di "T"

Connettore a forma di "T". Possibilità di alimentazione attraverso i collegamenti nella parte posteriore. Ingresso del cavo di alimentazione dalla parte posteriore.

### T Connector Feed

T-shaped connector. Can be powered via connections on the back. Rear feeding cable entry.



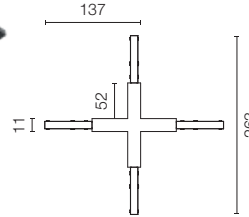
Dimmable	06.2611.40
	06.2611.14
	Coming Soon
	Coming Soon
	Coming Soon
Non Dimmable	06.2615.40
	06.2615.14
	Coming Soon
	Coming Soon
	Coming Soon

### Connettore di alimentazione a forma di croce

Connettore a forma di croce. Possibilità di alimentazione attraverso i collegamenti nella parte posteriore. Ingresso del cavo di alimentazione dalla parte posteriore.

### X Connector Feed

Cross-shaped connector. Can be powered via connections on the back. Rear feeding cable entry.



Dimmable	06.2612.40
	06.2612.14
	Coming Soon
	Coming Soon
	Coming Soon
Non Dimmable	06.2616.40
	06.2616.14
	Coming Soon
	Coming Soon
	Coming Soon

### Chiusura estremità

Coperchio.

### Blind End

End Cap.



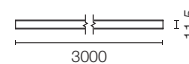
	06.2617.40
	06.2617.14
	Coming Soon
	Coming Soon
	Coming Soon

### Coperchio binario

Coperchio estetico per nascondere l'interno del profilo. Disponibile solo in bianco e nero.

### Track Cover

Attractive cover for the inside of the profile. Only available in black and white.

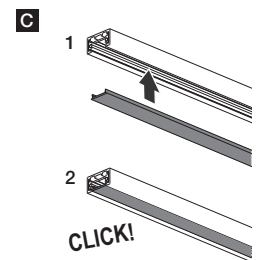
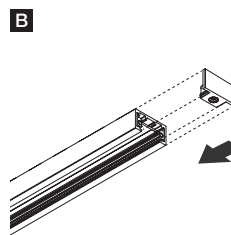
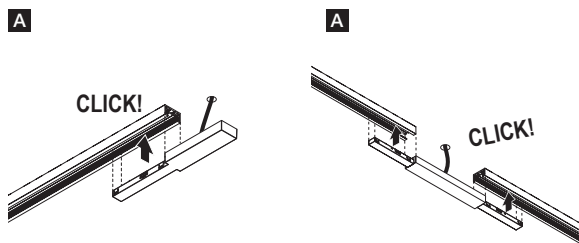


	06.2618.40
	06.2618.14

## HOW TO INSTALL ZERO TRACK PRO

Esempi di installazione. Validi per: Feed Elements<sup>A</sup>, Connectors<sup>A</sup>, Inner Corner<sup>A</sup>, Power Supply Boxes<sup>A</sup>, Blind End<sup>B</sup> e Track Covers<sup>C</sup>.

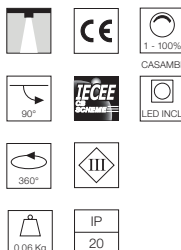
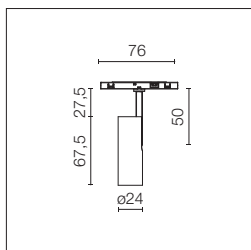
Installation Examples. Valid for: Feed Elements<sup>A</sup>, Connectors<sup>A</sup>, Inner Corner<sup>A</sup>, Power Supply Boxes<sup>A</sup>, Blind End<sup>B</sup> and Track Covers<sup>C</sup>.



## ZERO TRACK PRO – LIGHT MODULES

## Find Me 0 Designed By Jorge Herrera

Light Source: Power LED 3,5W - 276 lm - 2700K/CRI 90 / 302 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con Casambi. Per la gestione tramite Casambi è necessaria l'applicazione FLOS Control® per dispositivi mobili (disponibile per il download su Apple Store e Google Play). Accessori inclusi (honeycomb e crocetta di schermatura).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual wireless adjustment via Casambi. Casambi control implemented via the FLOS Control® app for mobile devices (available in the Apple Store and Google Play). Accessories included (honeycomb grid and protection bar).

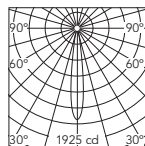
**Optic Spot - 2700K**

Non Dimmable

- 05.5100.40
- 05.5100.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5100.40.CB
- 05.5100.14.CB
- Coming Soon
- Coming Soon
- Coming Soon

Luminous flux luminaire  
169 lm

Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1925	0.26
2	481	0.52
3	214	0.77
4	120	1.03
5	77	1.29

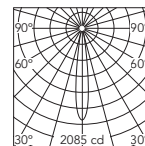
**Optic Spot - 3000K**

Non Dimmable

- 05.5105.40
- 05.5105.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5105.40.CB
- 05.5105.14.CB
- Coming Soon
- Coming Soon
- Coming Soon

Luminous flux luminaire  
183 lm

Beam Angle: 15°

h(m)	E(lx)	D(m)
1	2085	0.26
2	521	0.52
3	232	0.77
4	130	1.03
5	83	1.29

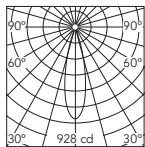
**Optic Medium - 2700K**

Non Dimmable

- 05.5101.40
- 05.5101.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5101.40.CB
- 05.5101.14.CB
- Coming Soon
- Coming Soon
- Coming Soon

Luminous flux luminaire  
179 lm

Beam Angle: 25°

h(m)	E(lx)	D(m)
1	928	0.45
2	232	0.89
3	103	1.34
4	58	1.79
5	37	2.23

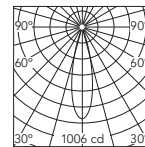
**Optic Medium - 3000K**

Non Dimmable

- 05.5106.40
- 05.5106.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5106.40.CB
- 05.5106.14.CB
- Coming Soon
- Coming Soon
- Coming Soon

Luminous flux luminaire  
194 lm

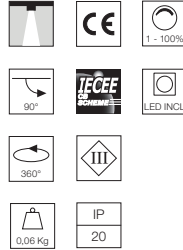
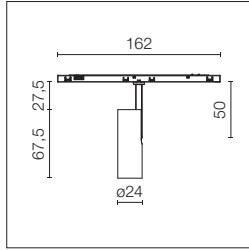
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1006	0.45
2	251	0.89
3	112	1.34
4	63	1.79
5	40	2.23



## Find Me 0 Designed By Jorge Herrera

Light Source: Power LED 3,5W - 276 lm - 2700K/CRI 90 / 302 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V. Accessori inclusi (honeycomb e crocetta di schermatura).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V. Accessories included (honeycomb grid and protection bar).

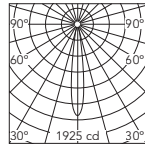
### Optic Spot - 2700K

Dali

- 05.5100.40.DA
- 05.5100.14.DA
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- 05.5100.40.1V
- 05.5100.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1925	0.26
2	481	0.52
3	214	0.77
4	120	1.03
5	77	1.29

Luminous flux luminaire  
1925 lm

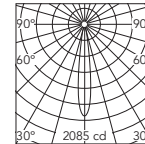
### Optic Spot - 3000K

Dali

- 05.5105.40.DA
- 05.5105.14.DA
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- 05.5105.40.1V
- 05.5105.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	2085	0.26
2	521	0.52
3	232	0.77
4	130	1.03
5	83	1.29

Luminous flux luminaire  
183 lm

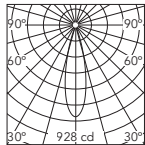
### Optic Medium - 2700K

Dali

- 05.5101.40.DA
- 05.5101.14.DA
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- 05.5101.40.1V
- 05.5101.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	928	0.45
2	232	0.89
3	103	1.34
4	58	1.79
5	37	2.23

Luminous flux luminaire  
179 lm

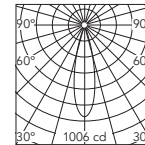
### Optic Medium - 3000K

Dali

- 05.5106.40.DA
- 05.5106.14.DA
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- 05.5106.40.1V
- 05.5106.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 25°

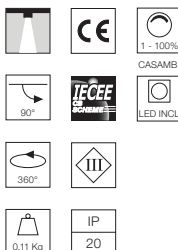
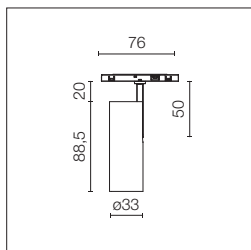
h(m)	E(lx)	D(m)
1	1006	0.45
2	251	0.89
3	112	1.34
4	63	1.79
5	40	2.23

Luminous flux luminaire  
194 lm

## ZERO TRACK PRO – LIGHT MODULES

## Find Me 1 Designed By Jorge Herrera

Light Source: Power LED 5,5W - 432 lm - 2700K/CRI 90 / 446 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con Casambi. Per la gestione tramite Casambi è necessaria l'applicazione FLOS Control® per dispositivi mobili (disponibile per il download su Apple Store e Google Play). Accessori inclusi (honeycomb e crocetta di schermatura).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual wireless adjustment via Casambi. Casambi control implemented via the FLOS Control® app for mobile devices (available in the Apple Store and Google Play). Accessories included (honeycomb grid and protection bar).

## Optic Spot - 2700K

Non Dimmable

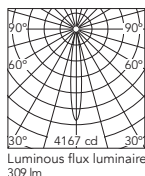
- 05.5110.40
- 05.5110.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5110.40.CB
- 05.5110.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



SPOT

Luminous flux luminaire  
309 lm

Beam Angle: 14°

	h(m)	E(lx)	D(m)
1	4167	0.24	
2	1042	0.48	
3	463	0.72	
4	260	0.95	
5	167	1.19	

## Optic Spot - 3000K

Non Dimmable

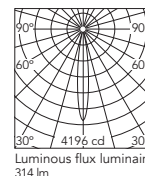
- 05.5115.40
- 05.5115.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5115.40.CB
- 05.5115.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



SPOT

Luminous flux luminaire  
314 lm

Beam Angle: 14°

	h(m)	E(lx)	D(m)
1	4195	0.24	
2	1049	0.49	
3	466	0.73	
4	262	0.97	
5	168	1.21	

## Optic Medium - 2700K

Non Dimmable

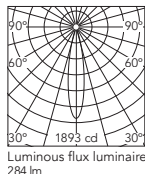
- 05.5111.40
- 05.5111.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5111.40.CB
- 05.5111.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



MEDIUM

Luminous flux luminaire  
284 lm

Beam Angle: 20°

	h(m)	E(lx)	D(m)
1	1893	0.35	
2	473	0.70	
3	210	1.06	
4	118	1.41	
5	76	1.76	

## Optic Medium - 3000K

Non Dimmable

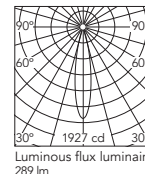
- 05.5116.40
- 05.5116.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5116.40.CB
- 05.5116.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



MEDIUM

Luminous flux luminaire  
289 lm

Beam Angle: 20°

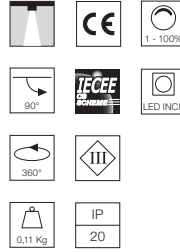
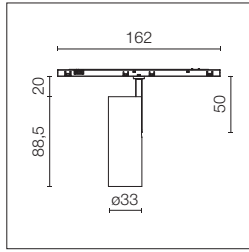
	h(m)	E(lx)	D(m)
1	1927	0.35	
2	482	0.70	
3	214	1.06	
4	120	1.41	
5	77	1.76	

Il sistema di controllo con apparecchi in versione Casambi si regola direttamente via bluetooth tramite la applicazione FLOS Control® powered by CASAMBI.

The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® powered by Casambi.

## Find Me 1 Designed By Jorge Herrera

Light Source: Power LED 5,5W - 450 lm - 2700K/CRI 90 / 485 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V. Accessori inclusi (honeycomb e crocetta di schermatura).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V. Accessories included (honeycomb grid and protection bar).

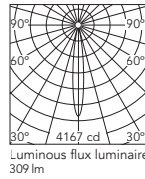
### Optic Spot - 2700K

Dali

- 05.5110.40.DA
- 05.5110.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5110.40.1V
- 05.5110.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4167	0.24
2	1042	0.48
3	463	0.72
4	260	0.95
5	167	1.19

Luminous flux luminaire 309 lm

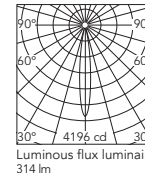
### Optic Spot - 3000K

Dali

- 05.5115.40.DA
- 05.5115.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5115.40.1V
- 05.5115.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4196	0.24
2	1049	0.49
3	466	0.73
4	262	0.97
5	168	1.21

Luminous flux luminaire 314 lm

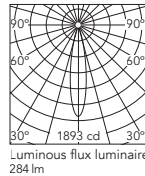
### Optic Medium - 2700K

Dali

- 05.5111.40.DA
- 05.5111.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5111.40.1V
- 05.5111.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	1893	0.35
2	473	0.70
3	210	1.06
4	118	1.41
5	76	1.76

Luminous flux luminaire 284 lm

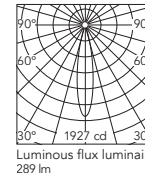
### Optic Medium - 3000K

Dali

- 05.5116.40.DA
- 05.5116.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5116.40.1V
- 05.5116.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



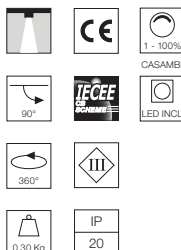
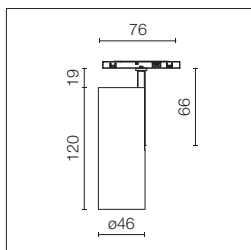
Beam Angle: 20°

h(m)	E(lx)	D(m)
1	1927	0.35
2	482	0.70
3	214	1.06
4	120	1.41
5	77	1.76

Luminous flux luminaire 289 lm

## Find Me 2 Designed By Jorge Herrera

Light Source: Power LED 10,5W - 724 lm - 2700K/CRI90 / 781 lm - 3000K/CRI90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con Casambi. Per la gestione tramite Casambi è necessaria l'applicazione FLOS Control® per dispositivi mobili (disponibile per il download su Apple Store e Google Play). Accessori inclusi (honeycomb e crocetta di schermatura).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual wireless adjustment via Casambi. Casambi control implemented via the FLOS Control® app for mobile devices (available in the Apple Store and Google Play). Accessories included (honeycomb grid and protection bar).

**Optic Spot - 2700K**

Non Dimmable

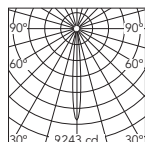
- 05.5120.40
- 05.5120.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5120.40.CB
- 05.5120.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



SPOT



Luminous flux luminaire 9243 lm

Beam Angle: 10°

	h(m)	Elx)	D(m)
1	9243	0.18	
2	2311	0.35	
3	1027	0.53	
4	578	0.70	
5	370	0.88	

**Optic Spot - 3000K**

Non Dimmable

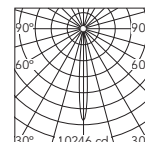
- 05.5125.40
- 05.5125.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5125.40.CB
- 05.5125.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



SPOT



Luminous flux luminaire 10246 lm

Beam Angle: 10°

	h(m)	Elx)	D(m)
1	10246	0.18	
2	2562	0.35	
3	1138	0.53	
4	640	0.70	
5	410	0.88	

**Optic Medium - 2700K**

Non Dimmable

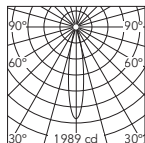
- 05.5121.40
- 05.5121.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5121.40.CB
- 05.5121.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



MEDIUM



Luminous flux luminaire 441 lm

Beam Angle: 19°

	h(m)	Elx)	D(m)
1	1989	0.34	
2	497	0.67	
3	221	1.01	
4	124	1.34	
5	80	1.68	

**Optic Medium - 3000K**

Non Dimmable

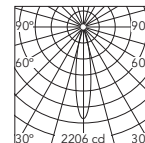
- 05.5126.40
- 05.5126.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5126.40.CB
- 05.5126.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



MEDIUM



Luminous flux luminaire 489 lm

Beam Angle: 19°

	h(m)	Elx)	D(m)
1	2206	0.34	
2	551	0.67	
3	245	1.01	
4	138	1.34	
5	88	1.68	

**Optic Flood - 2700K**

Non Dimmable

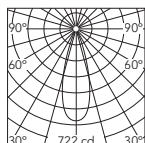
- 05.5122.40
- 05.5122.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5122.40.CB
- 05.5122.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



FLOOD



Luminous flux luminaire 364 lm

Beam Angle: 32°

	h(m)	Elx)	D(m)
1	722	0.57	
2	180	1.15	
3	80	1.72	
4	45	2.29	
5	29	2.87	

**Optic Flood - 3000K**

Non Dimmable

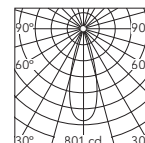
- 05.5127.40
- 05.5127.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5127.40.CB
- 05.5127.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



FLOOD



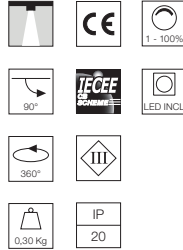
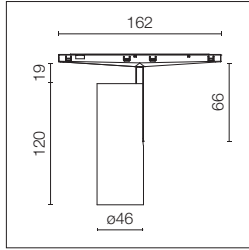
Luminous flux luminaire 404 lm

Beam Angle: 32°

	h(m)	Elx)	D(m)
1	801	0.57	
2	200	1.15	
3	89	1.72	
4	50	2.29	
5	32	2.87	

## Find Me 2 Designed By Jorge Herrera

Light Source: Power LED 10,5W - 724 lm - 2700K/CRI90 / 781 lm - 3000K/CRI90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V. Accessori inclusi (honeycomb e crocetta di schermatura).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V. Accessories included (honeycomb grid and protection bar).

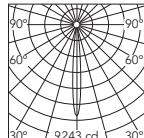
### Optic Spot - 2700K

Dali

- 05.5120.40.DA
- 05.5120.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5120.40.1V
- 05.5120.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 10°

h(m)	Et(x)	D(m)
1	9243	0.18
2	2311	0.35
3	1027	0.53
4	578	0.70
5	370	0.88

Luminous flux luminaire 479 lm

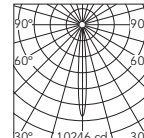
### Optic Spot - 3000K

Dali

- 05.5125.40.DA
- 05.5125.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5125.40.1V
- 05.5125.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 10°

h(m)	Et(x)	D(m)
1	10246	0.18
2	2562	0.35
3	1138	0.53
4	640	0.70
5	410	0.88

Luminous flux luminaire 531 lm

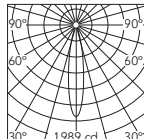
### Optic Medium - 2700K

Dali

- 05.5121.40.DA
- 05.5121.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5121.40.1V
- 05.5121.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 19°

h(m)	Et(x)	D(m)
1	1989	0.34
2	497	0.67
3	221	1.01
4	124	1.34
5	80	1.68

Luminous flux luminaire 441 lm

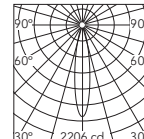
### Optic Medium - 3000K

Dali

- 05.5126.40.DA
- 05.5126.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5126.40.1V
- 05.5126.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 19°

h(m)	Et(x)	D(m)
1	2206	0.34
2	551	0.67
3	245	1.01
4	138	1.34
5	88	1.68

Luminous flux luminaire 489 lm

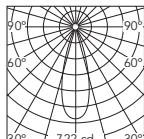
### Optic Flood - 2700K

Dali

- 05.5122.40.DA
- 05.5122.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5122.40.1V
- 05.5122.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 32°

h(m)	Et(x)	D(m)
1	722	0.57
2	180	1.15
3	80	1.72
4	45	2.29
5	29	2.87

Luminous flux luminaire 364 lm

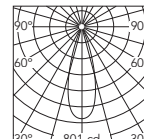
### Optic Flood - 3000K

Dali

- 05.5127.40.DA
- 05.5127.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5127.40.1V
- 05.5127.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 32°

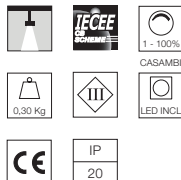
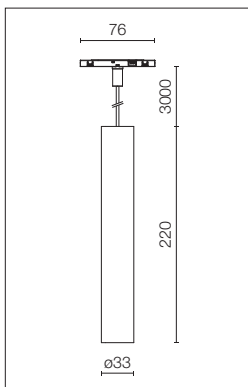
h(m)	Et(x)	D(m)
1	801	0.57
2	200	1.15
3	89	1.72
4	50	2.29
5	32	2.87

Luminous flux luminaire 404 lm

## ZERO TRACK PRO – LIGHT MODULES

## Find Me 1 Suspension Designed By Jorge Herrera

Light Source: Power LED 5,5W - 432 lm - 2700K/CRI 90 / 446 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con Casambi. Per la gestione tramite Casambi è necessaria l'applicazione FLOS Control® per dispositivi mobili (disponibile per il download su Apple Store e Google Play). Non è possibile l'installazione su binari verticali. Accessori inclusi (honeycomb e crocetta di schermatura).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual wireless adjustment via Casambi. Casambi control implemented via the FLOS Control® app for mobile devices (available in the Apple Store and Google Play). Cannot be installed on vertical tracks. Accessories included (honeycomb grid and protection bar).

**Optic Spot - 2700K**

Non Dimmable

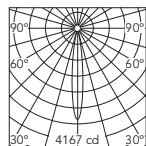
- 05.5130.40
- 05.5130.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5130.40.CB
- 05.5130.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



SPOT



Beam Angle: 14°

	h(m)	Et(x)	D(m)
1	4167	0.24	
2	1042	0.48	
3	463	0.72	
4	260	0.95	
5	167	1.19	

Luminous flux luminaire  
309 lm**Optic Spot - 3000K**

Non Dimmable

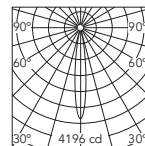
- 05.5135.40
- 05.5135.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5135.40.CB
- 05.5135.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



SPOT



Beam Angle: 14°

	h(m)	Et(x)	D(m)
1	4196	0.24	
2	1049	0.49	
3	466	0.73	
4	262	0.97	
5	168	1.21	

Luminous flux luminaire  
314 lm**Optic Medium - 2700K**

Non Dimmable

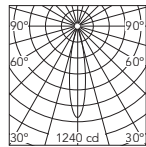
- 05.5131.40
- 05.5131.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5131.40.CB
- 05.5131.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



MEDIUM



Beam Angle: 20°

	h(m)	Et(x)	D(m)
1	1240	0.35	
2	310	0.70	
3	138	1.06	
4	77	1.41	
5	50	1.76	

Luminous flux luminaire  
186 lm**Optic Medium - 3000K**

Non Dimmable

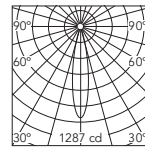
- 05.5136.40
- 05.5136.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5136.40.CB
- 05.5136.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



MEDIUM



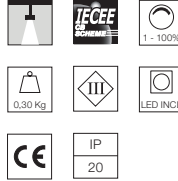
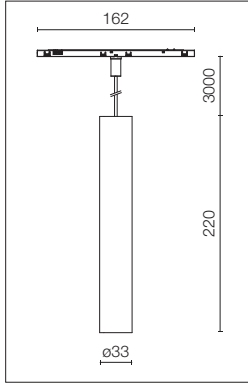
Beam Angle: 20°

	h(m)	Et(x)	D(m)
1	1287	0.35	
2	322	0.70	
3	143	1.06	
4	80	1.41	
5	51	1.76	

Luminous flux luminaire  
193 lm

## Find Me 1 Suspension Designed By Jorge Herrera

Light Source: Power LED 5,5W - 432 lm - 2700K/CRI 90 / 446 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V. Non è possibile l'installazione su binari verticali. Accessori inclusi (honeycomb e crocetta di schermatura).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V. Cannot be installed on vertical tracks. Accessories included (honeycomb grid and protection bar).

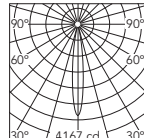
### Optic Spot - 2700K

Dali

- 05.5130.40.DA
- 05.5130.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5130.40.1V
- 05.5130.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	Et(x)	D(m)
1	4167	0.24
2	1042	0.48
3	463	0.72
4	260	0.95
5	167	1.19

Luminous flux luminaire 309 lm

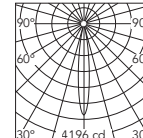
### Optic Spot - 3000K

Dali

- 05.5135.40.DA
- 05.5135.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5135.40.1V
- 05.5135.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	Et(x)	D(m)
1	4196	0.24
2	1049	0.49
3	466	0.73
4	262	0.97
5	168	1.21

Luminous flux luminaire 314 lm

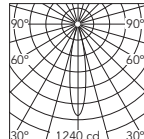
### Optic Medium - 2700K

Dali

- 05.5131.40.DA
- 05.5131.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5131.40.1V
- 05.5131.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 20°

h(m)	Et(x)	D(m)
1	1240	0.35
2	310	0.70
3	138	1.06
4	77	1.41
5	50	1.76

Luminous flux luminaire 186 lm

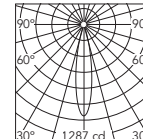
### Optic Medium - 3000K

Dali

- 05.5136.40.DA
- 05.5136.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5136.40.1V
- 05.5136.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



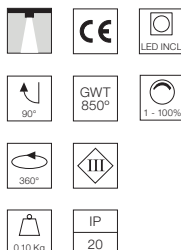
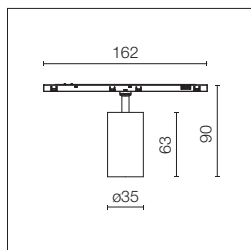
Beam Angle: 20°

h(m)	Et(x)	D(m)
1	1287	0.35
2	322	0.70
3	143	1.06
4	80	1.41
5	51	1.76

Luminous flux luminaire 193 lm

## Light Shadow Spot 30

Light Source: Power LED 4,7W - 257 lm - 2700K/CRI 90 / 263 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V.

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V.

## Optic Spot - 2700K

Non Dimmable

- 05.5170.40
- 05.5170.14
- Coming Soon
- Coming Soon

Dali

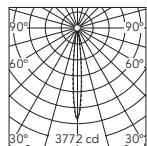
- 05.5170.40.DA
- 05.5170.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5170.40.1V
- 05.5170.14.1V
- Coming Soon
- Coming Soon



SPOT

Luminous flux luminaire  
209 lm

Beam Angle: 10°

h(m)	E(lx)	D(m)
1	3772	0.18
2	943	0.36
3	419	0.54
4	236	0.72
5	151	0.90

## Optic Flood - 2700K

Non Dimmable

- 05.5172.40
- 05.5172.14
- Coming Soon
- Coming Soon

Dali

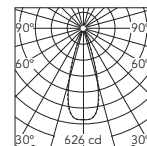
- 05.5172.40.DA
- 05.5172.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5172.40.1V
- 05.5172.14.1V
- Coming Soon
- Coming Soon



FLOOD

Luminous flux luminaire  
200 lm

Beam Angle: 33°

h(m)	E(lx)	D(m)
1	625	0.60
2	156	1.19
3	69	1.79
4	39	2.39
5	25	2.99

## Optic Medium - 2700K

Non Dimmable

- 05.5171.40
- 05.5171.14
- Coming Soon
- Coming Soon

Dali

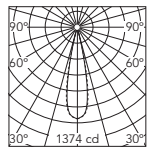
- 05.5171.40.DA
- 05.5171.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5171.40.1V
- 05.5171.14.1V
- Coming Soon
- Coming Soon



MEDIUM

Luminous flux luminaire  
201 lm

Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1374	0.39
2	344	0.78
3	153	1.17
4	86	1.56
5	55	1.95

## Optic Wide Flood - 2700K

Non Dimmable

- 05.5173.40
- 05.5173.14
- Coming Soon
- Coming Soon

Dali

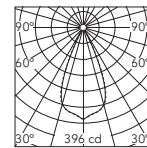
- 05.5173.40.DA
- 05.5173.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5173.40.1V
- 05.5173.14.1V
- Coming Soon
- Coming Soon



WIDE FLOOD

Luminous flux luminaire  
209 lm






Beam Angle: 46°

h(m)	E(lx)	D(m)
1	396	0.84
2	99	1.69
3	44	2.53
4	25	3.38
5	16	4.22








**Optic Spot - 3000K**






Non Dimmable

-  05.5175.40
-  05.5175.14
-  Coming Soon
-  Coming Soon
-  Coming Soon

Dali

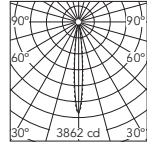
-  05.5175.40.DA
-  05.5175.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5175.40.1V
-  05.5175.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon



SPOT








Beam Angle: 10°

h(m)	E(lx)	D(m)
1	3862	0.18
2	966	0.36
3	429	0.54
4	241	0.72
5	154	0.90






Luminous flux luminaire  
214 lm

**Optic Flood - 3000K**






Non Dimmable

-  05.5177.40
-  05.5177.14
-  Coming Soon
-  Coming Soon
-  Coming Soon

Dali

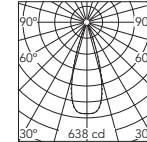
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-  05.5177.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5177.40.1V
-  05.5177.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon



FLOOD








Beam Angle: 33°

h(m)	E(lx)	D(m)
1	638	0.60
2	159	1.19
3	71	1.79
4	40	2.39
5	26	2.99




Luminous flux luminaire  
204 lm

**Optic Medium - 3000K**






Non Dimmable

-  05.5176.40
-  05.5176.14
-  Coming Soon
-  Coming Soon
-  Coming Soon

Dali

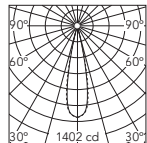
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-  05.5176.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5176.40.1V
-  05.5176.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon



MEDIUM








Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1402	0.39
2	350	0.78
3	156	1.17
4	88	1.56
5	56	1.95






Luminous flux luminaire  
205 lm

**Optic Wide Flood - 3000K**






Non Dimmable

-  05.5178.40
-  05.5178.14
-  Coming Soon
-  Coming Soon
-  Coming Soon

Dali

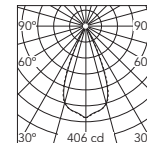
-  05.5178.40.DA
-  05.5178.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5178.40.1V
-  05.5178.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon



WIDE FLOOD



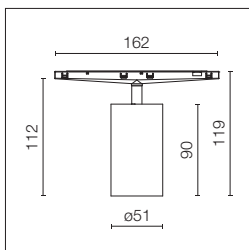
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	406	0.84
2	101	1.69
3	45	2.53
4	25	3.38
5	16	4.22

Luminous flux luminaire  
214 lm

**Light Shadow Spot 45**

**Light Source:** LED Array 11W - 799 lm - 2700K/CRI 90 / 844 lm - 3000K/CRI 90




Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V.

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V.

**Optic Spot - 2700K**

Non Dimmable

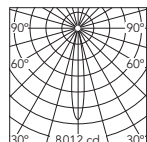
- 05.5180.40
- 05.5180.14
- Coming Soon
- Coming Soon
- Coming Soon

Dali

- 05.5180.40.DA
- 05.5180.14.DA
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- 05.5180.40.1V
- 05.5180.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8012	0.27
2	2003	0.54
3	890	0.80
4	501	1.07
5	320	1.34

Luminous flux luminaire 650 lm

**Optic Flood - 2700K**

Non Dimmable

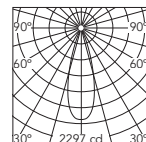
- 05.5182.40
- 05.5182.14
- Coming Soon
- Coming Soon
- Coming Soon

Dali

- 05.5182.40.DA
- 05.5182.14.DA
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- 05.5182.40.1V
- 05.5182.14.1V
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2296	0.56
2	574	1.11
3	255	1.67
4	144	2.22
5	92	2.78

Luminous flux luminaire 646 lm

**Optic Medium - 2700K**

Non Dimmable

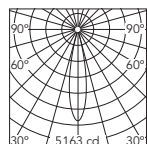
- 05.5181.40
- 05.5181.14
- Coming Soon
- Coming Soon
- Coming Soon

Dali

- 05.5181.40.DA
- 05.5181.14.DA
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- 05.5181.40.1V
- 05.5181.14.1V
- Coming Soon
- Coming Soon
- Coming Soon








Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5163	0.36
2	1291	0.73
3	574	1.09
4	323	1.46
5	207	1.82






Luminous flux luminaire 645 lm

**Optic Spot - 3000K**






Non Dimmable

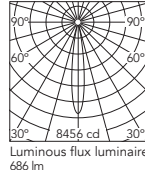
-  05.5185.40
-  05.5185.14
-  Coming Soon
-  Coming Soon
-  Coming Soon

Dali

-  05.5185.40.DA
-  05.5185.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5185.40.1V
-  05.5185.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon








Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8456	0.27
2	2114	0.54
3	940	0.80
4	528	1.07
5	338	1.34






Luminous flux luminaire 686 lm

**Optic Flood - 3000K**






Non Dimmable

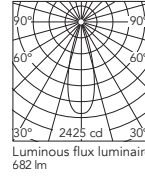
-  05.5187.40
-  05.5187.14
-  Coming Soon
-  Coming Soon
-  Coming Soon

Dali

-  05.5187.40.DA
-  05.5187.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5187.40.1V
-  05.5187.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon








Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2424	0.56
2	606	1.11
3	269	1.67
4	152	2.22
5	97	2.78





Luminous flux luminaire 682 lm

**Optic Medium - 3000K**






Non Dimmable

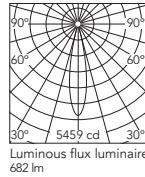
-  05.5186.40
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-  Coming Soon
-  Coming Soon

Dali

-  05.5186.40.DA
-  05.5186.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5186.40.1V
-  05.5186.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon



Beam Angle: 21°

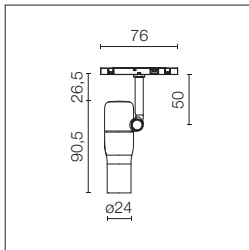
h(m)	E(lx)	D(m)
1	5459	0.36
2	1365	0.73
3	607	1.09
4	341	1.46
5	218	1.82

Luminous flux luminaire 682 lm

# ZERO TRACK PRO – LIGHT MODULES

## Atom 90 Designed By Piero Lissoni

Light Source: Power LED 5,5W - 432 lm - 2700K/CRI 90 / 446 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con Casambi. Per la gestione tramite Casambi è necessaria l'applicazione FLOS Control® per dispositivi mobili (disponibile per il download su Apple Store e Google Play).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual wireless adjustment via Casambi. Casambi control implemented via the FLOS Control® app for mobile devices (available in the Apple Store and Google Play).

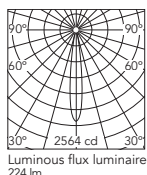
### Optic Spot - 2700K

Non Dimmable

- 05.5140.40
- 05.5140.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5140.40.CB
- 05.5140.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	E lx	D(m)
1	2564	0.25
2	641	0.51
3	285	0.76
4	160	1.02
5	103	1.27

Luminous flux luminaire 224 lm

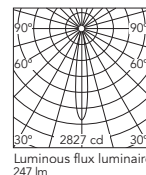
### Optic Spot - 3000K

Non Dimmable

- 05.5145.40
- 05.5145.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5145.40.CB
- 05.5145.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	E lx	D(m)
1	2827	0.25
2	707	0.51
3	314	0.76
4	177	1.02
5	113	1.27

Luminous flux luminaire 247 lm

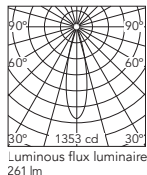
### Optic Medium - 2700K

Non Dimmable

- 05.5141.40
- 05.5141.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5141.40.CB
- 05.5141.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 25°

h(m)	E lx	D(m)
1	1353	0.45
2	338	0.89
3	150	1.34
4	85	1.79
5	54	2.23

Luminous flux luminaire 261 lm

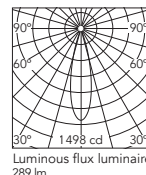
### Optic Medium - 3000K

Non Dimmable

- 05.5146.40
- 05.5146.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5146.40.CB
- 05.5146.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 25°

h(m)	E lx	D(m)
1	1498	0.45
2	375	0.89
3	166	1.34
4	94	1.79
5	60	2.23

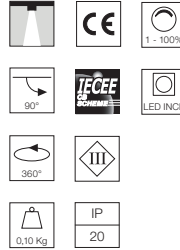
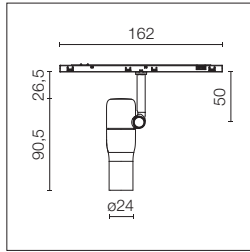
Luminous flux luminaire 289 lm

Il sistema di controllo con apparecchi in versione Casambi si regola direttamente via bluetooth tramite la applicazione FLOS Control® powered by CASAMBI.

The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® powered by Casambi.

## Atom 90 Designed By Piero Lissoni

Light Source: Power LED 5,5W - 432 lm - 2700K/CRI 90 / 446 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V.

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V.

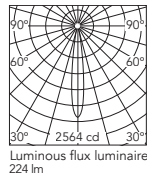
### Optic Spot - 2700K

Dali

- 05.5140.40.DA
- 05.5140.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5140.40.1V
- 05.5140.14.1V
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	E lx	D(m)
1	2564	0.25
2	641	0.51
3	285	0.76
4	160	1.02
5	103	1.27

Luminous flux luminaire 224 lm

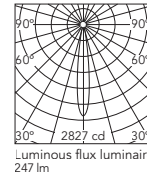
### Optic Spot - 3000K

Dali

- 05.5145.40.DA
- 05.5145.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5145.40.1V
- 05.5145.14.1V
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	E lx	D(m)
1	2827	0.25
2	707	0.51
3	314	0.76
4	177	1.02
5	113	1.27

Luminous flux luminaire 247 lm

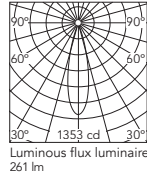
### Optic Medium - 2700K

Dali

- 05.5141.40.DA
- 05.5141.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5141.40.1V
- 05.5141.14.1V
- Coming Soon
- Coming Soon



Beam Angle: 25°

h(m)	E lx	D(m)
1	1353	0.45
2	338	0.89
3	150	1.34
4	85	1.79
5	54	2.23

Luminous flux luminaire 261 lm

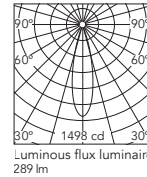
### Optic Medium - 3000K

Dali

- 05.5146.40.DA
- 05.5146.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5146.40.1V
- 05.5146.14.1V
- Coming Soon
- Coming Soon



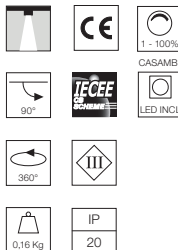
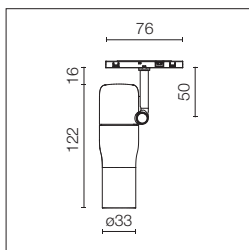
Beam Angle: 25°

h(m)	E lx	D(m)
1	1498	0.45
2	375	0.89
3	166	1.34
4	94	1.79
5	60	2.23

Luminous flux luminaire 289 lm

## Atom 120 Designed By Piero Lissoni

Light Source: Power LED 8W - 600 lm - 2700K/CRI 90 / 648 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con Casambi. Per la gestione tramite Casambi è necessaria l'applicazione FLOS Control® per dispositivi mobili (disponibile per il download su Apple Store e Google Play).

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual wireless adjustment via Casambi. Casambi control implemented via the FLOS Control® app for mobile devices (available in the Apple Store and Google Play).

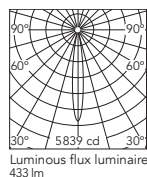
**Optic Spot - 2700K**

Non Dimmable

- 05.5150.40
- 05.5150.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5150.40.CB
- 05.5150.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 14°

	h(m)	E(lx)	D(m)
1	5839	0.24	
2	1460	0.48	
3	649	0.72	
4	365	0.95	
5	234	1.19	

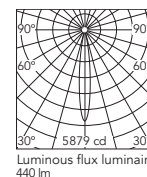
Luminous flux luminaire  
433 lm**Optic Spot - 3000K**

Non Dimmable

- 05.5155.40
- 05.5155.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5155.40.CB
- 05.5155.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 14°

	h(m)	E(lx)	D(m)
1	5879	0.24	
2	1470	0.49	
3	653	0.73	
4	367	0.97	
5	235	1.21	

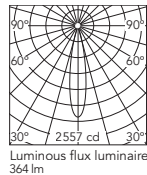
Luminous flux luminaire  
440 lm**Optic Medium - 2700K**

Non Dimmable

- 05.5151.40
- 05.5151.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5151.40.CB
- 05.5151.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: 20°

	h(m)	E(lx)	D(m)
1	2557	0.35	
2	639	0.70	
3	284	1.06	
4	160	1.41	
5	102	1.76	

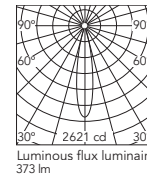
Luminous flux luminaire  
364 lm**Optic Medium - 3000K**

Non Dimmable

- 05.5156.40
- 05.5156.14
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- 05.5156.40.CB
- 05.5156.14.CB
- Coming Soon
- Coming Soon
- Coming Soon



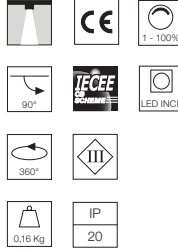
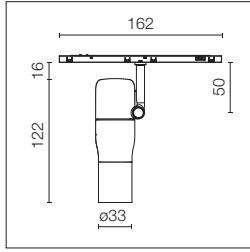
Beam Angle: 20°

	h(m)	E(lx)	D(m)
1	2621	0.35	
2	655	0.70	
3	291	1.06	
4	164	1.41	
5	105	1.76	

Luminous flux luminaire  
373 lm

Atom 120 Designed By Piero Lissoni

Light Source: Power LED 8W - 600 lm - 2700K/CRI 90 / 648 lm - 3000K/CRI 90



Modulo di illuminazione LED per proiezione da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V.

LED projection lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V.

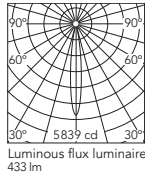
Optic Spot - 2700K

Dali

- 05.5150.40.DA
- 05.5150.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5150.40.1V
- 05.5150.14.1V
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	E lx	D(m)
1	5839	0.24
2	1460	0.48
3	649	0.72
4	365	0.95
5	234	1.19

Luminous flux luminaire 433 lm

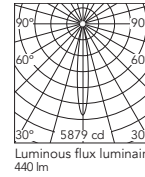
Optic Spot - 3000K

Dali

- 05.5155.40.DA
- 05.5155.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5155.40.1V
- 05.5155.14.1V
- Coming Soon
- Coming Soon



Beam Angle: 14°

h(m)	E lx	D(m)
1	5879	0.24
2	1470	0.49
3	653	0.73
4	367	0.97
5	235	1.21

Luminous flux luminaire 440 lm

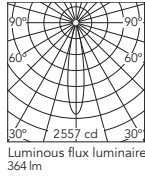
Optic Medium - 2700K

Dali

- 05.5151.40.DA
- 05.5151.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5151.40.1V
- 05.5151.14.1V
- Coming Soon
- Coming Soon



Beam Angle: 20°

h(m)	E lx	D(m)
1	2557	0.35
2	639	0.70
3	284	1.06
4	160	1.41
5	102	1.76

Luminous flux luminaire 364 lm

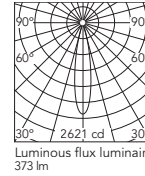
Optic Medium - 3000K

Dali

- 05.5156.40.DA
- 05.5156.14.DA
- Coming Soon
- Coming Soon

1-10V

- 05.5156.40.1V
- 05.5156.14.1V
- Coming Soon
- Coming Soon



Beam Angle: 20°

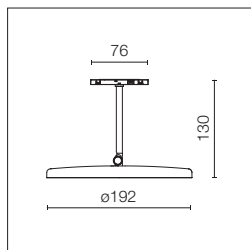
h(m)	E lx	D(m)
1	2621	0.35
2	655	0.70
3	291	1.06
4	164	1.41
5	105	1.76

Luminous flux luminaire 373 lm

## ZERO TRACK PRO – LIGHT MODULES

## Atom 200 Designed By Piero Lissoni

Light Source: Top LED 10,5W - 1005 lm - 2700K/CRI 90 / 1080 lm - 3000K/CRI 90








Modulo di illuminazione LED per luce generale da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con Casambi. Per la gestione tramite Casambi è necessaria l'applicazione FLOS Control® per dispositivi mobili (disponibile per il download su Apple Store e Google Play).






LED general lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual wireless adjustment via Casambi. Casambi control implemented via the FLOS Control® app for mobile devices (available in the Apple Store and Google Play).

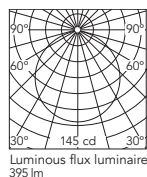
**2700K**

Non Dimmable

-  05.5160.40
-  05.5160.14
-  Coming Soon
-  Coming Soon
-  Coming Soon

Casambi

-  05.5160.40.CB
-  05.5160.14.CB
-  Coming Soon
-  Coming Soon
-  Coming Soon








Beam Angle: 110°






h(m)	E(lx)	D(m)
1	145	2.86
2	36	5.73
3	16	8.59
4	9	11.45
5	6	14.32

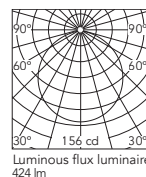
**3000K**

Non Dimmable

-  05.5161.40
-  05.5161.14
-  Coming Soon
-  Coming Soon
-  Coming Soon

Casambi

-  05.5161.40.CB
-  05.5161.14.CB
-  Coming Soon
-  Coming Soon
-  Coming Soon



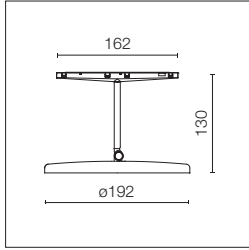
Beam Angle: 110°











h(m)	E(lx)	D(m)
1	156	2.86
2	39	5.73
3	17	8.59
4	10	11.45
5	6	14.32



Atom 200 Designed By Piero Lissoni

Light Source: Top LED 10,5W - 1005 lm - 2700K/CRI 90 / 1080 lm - 3000K/CRI 90



-  
-  
-  
-  
-  

Modulo di illuminazione LED per luce generale da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V.






LED general lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V.

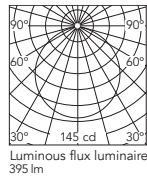
**2700K**

Dali

-  05.5160.40.DA
-  05.5160.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5160.40.1V
-  05.5160.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon








Beam Angle: 110°






h(m)	E(lx)	D(m)
1	145	2.86
2	36	5.73
3	16	8.59
4	9	11.45
5	6	14.32

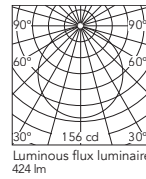
**3000K**

Dali

-  05.5161.40.DA
-  05.5161.14.DA
-  Coming Soon
-  Coming Soon
-  Coming Soon

1-10V

-  05.5161.40.1V
-  05.5161.14.1V
-  Coming Soon
-  Coming Soon
-  Coming Soon



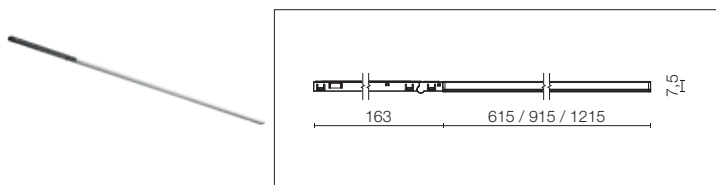
Beam Angle: 110°

h(m)	E(lx)	D(m)
1	156	2.86
2	39	5.73
3	17	8.59
4	10	11.45
5	6	14.32

## ZERO TRACK PRO – LIGHT MODULES

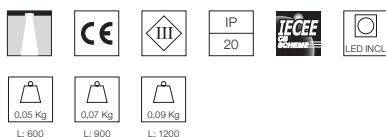
## Light Stripe

**Light Source:** Top LED - L: 600 mm - 7W - 555 lm - 2700K/CRI 90 / 582 lm - 3000K/CRI 90  
 L: 900 mm - 10W - 1111 lm - 2700K/CRI 90 / 1166 lm - 3000K/CRI 90  
 L: 1200 mm - 13,5W - 1667 lm - 2700K/CRI 90 / 1750 lm - 3000K/CRI 90



Modulo di illuminazione LED per luce diffusa da montare sul sistema Zero Track & Pro. Convertitore elettronico CC/CC integrato. Regolazione wireless singola con protocollo DALI e modalità broadcast 1-10V.

LED diffuse lighting module for installation in the Zero Track Pro system. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V.

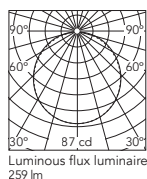


**L: 600**  
**2700K - 12W - 1115lm**

Non Dimmable  
 05.5190.14

Dali  
 05.5190.14.DA

1-10V  
 05.5190.14.1V



Beam Angle: 115°

h(m)	E(lx)	D(m)
1	87	3.15
2	22	6.29
3	10	9.44
4	5	12.59
5	3	15.73

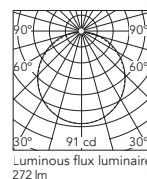
Luminous flux luminaire 259 lm

**L: 600**  
**3000K - 12W - 1180lm**

Non Dimmable  
 05.5191.14

Dali  
 05.5191.14.DA

1-10V  
 05.5191.14.1V



Beam Angle: 115°

h(m)	E(lx)	D(m)
1	91	3.15
2	23	6.29
3	10	9.44
4	6	12.59
5	4	15.73

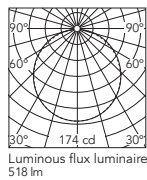
Luminous flux luminaire 272 lm

**L: 900**  
**2700K - 18W - 1673lm**

Non Dimmable  
 05.5192.14

Dali  
 05.5192.14.DA

1-10V  
 05.5192.14.1V



Beam Angle: 115°

h(m)	E(lx)	D(m)
1	174	3.15
2	43	6.29
3	19	9.44
4	11	12.59
5	7	15.73

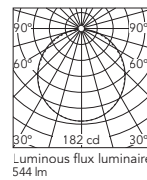
Luminous flux luminaire 518 lm

**L: 900**  
**3000K - 12W - 1180lm**

Non Dimmable  
 05.5193.14

Dali  
 05.5193.14.DA

1-10V  
 05.5193.14.1V



Beam Angle: 115°

h(m)	E(lx)	D(m)
1	182	3.15
2	46	6.29
3	20	9.44
4	11	12.59
5	7	15.73

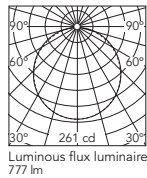
Luminous flux luminaire 544 lm

**L: 1200**  
**2700K - 12W - 1180lm**

Non Dimmable  
 05.5194.14

Dali  
 05.5194.14.DA

1-10V  
 05.5194.14.1V



Beam Angle: 115°

h(m)	E(lx)	D(m)
1	261	3.15
2	65	6.29
3	29	9.44
4	16	12.59
5	10	15.73

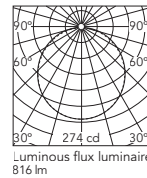
Luminous flux luminaire 777 lm

**L: 1200**  
**3000K - 12W - 1180lm**

Non Dimmable  
 05.5195.14

Dali  
 05.5195.14.DA

1-10V  
 05.5195.14.1V



Beam Angle: 115°

h(m)	E(lx)	D(m)
1	274	3.15
2	68	6.29
3	30	9.44
4	17	12.59
5	11	15.73

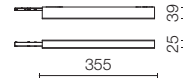
Luminous flux luminaire 816 lm

**Driver / Drivers**

**Surface Installation Driver**

Fonte di alimentazione finale per installazione a superficie. Non installabile su guide a parete.

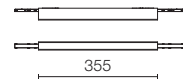
Power supply surface end. Cannot be installed on wall tracks.



100W - 220/240V  
 06.2619.40  
 06.2619.14  
 Coming Soon  
 Coming Soon  
 Coming Soon

Fonte di alimentazione intermedia per installazione a superficie. Non installabile su guide a parete.

Power supply surface middle. Cannot be installed on wall tracks.

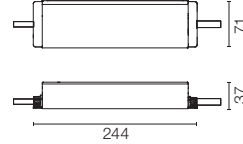


100W - 220/240V  
 06.2620.40  
 06.2620.14  
 Coming Soon  
 Coming Soon  
 Coming Soon

**Remote Installation**

Alimentatore LED per installazione remota in quadro elettrico 24V/200W.

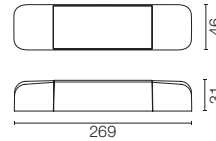
LED power supply source for remote installation in 24V/200W electric control panel.



200W - 100/240V  
 RF28143

Alimentatore a tensione costante 24V - 120W, 220-240W- 50/60Hz.

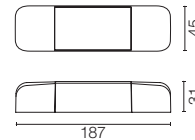
Power supply source with constant voltage 24V - 120W, 220-240W- 50/60Hz.



120W - 220/240V  
 60.9777

Alimentatore a tensione costante 24V - 60W, 220-240W- 50/60Hz.

Power supply source with constant voltage 24V - 60W, 220-240W- 50/60Hz.

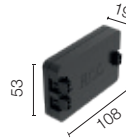


60W - 220/240V  
 60.9705

**Unità di controllo / Control Units**

Scatola di controllo dimmerabile da 1-10V, 24/48V. Per installazione remota. Per trasformare sistemi passivi (SINK) in attivi (SOURCE). Deve essere posizionata tra l'unità di controllo e il binario. Nota importante: Massimo 25 moduli di luce.

Control dimming box, 1-10V, 24/48V. For remote installation. For transforming passive systems (SINK) into active systems (SOURCE). It must be positioned between the control unit and the track. Important note: Maximum of 25 light modules.

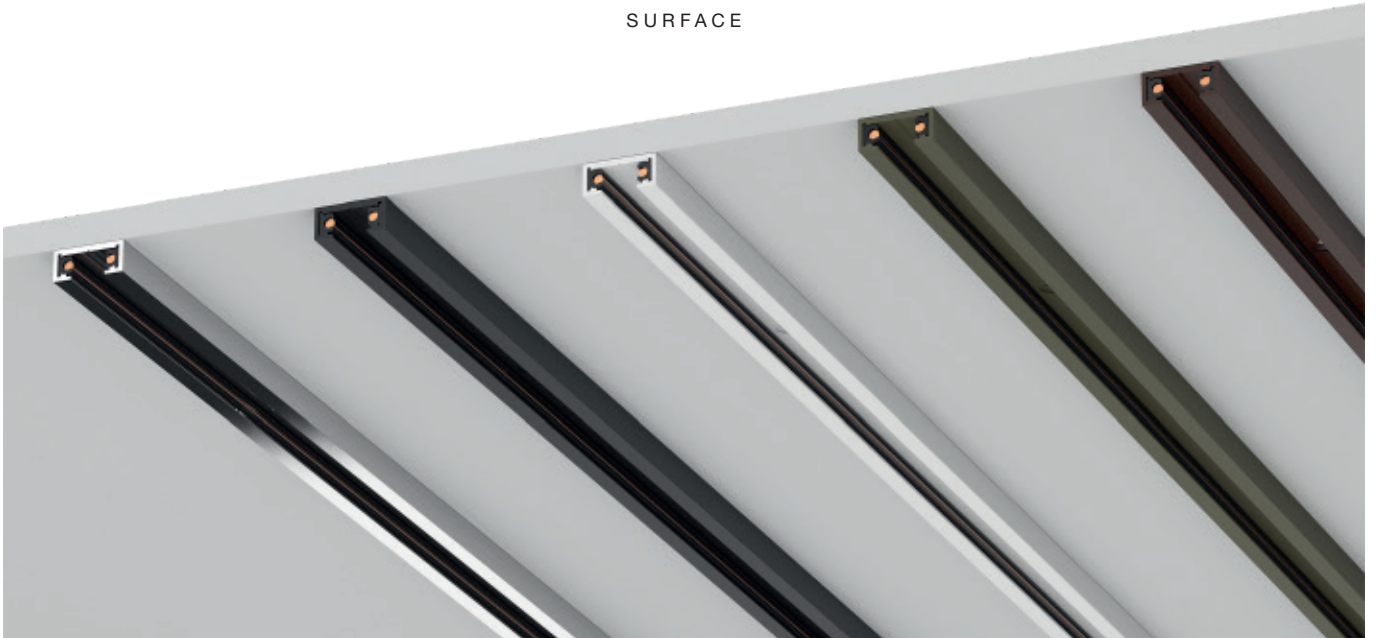


DIM 1-10V - 24/48V  
 08.0613.14A

# ZERO TRACK

DESIGNED BY FLOS ARCHITECTURAL

## SURFACE



Surface Profiles

 40 Bianco	 06 Cromo	 14 Nero	 CZ Bronzo	 18 Deep brown
 40 White	 06 Chrome	 14 Black	 CZ Bronze	 18 Deep brown

## LIGHT MODULES

### FIND ME 0



**LIGHT SOURCE**  
POWER LED  
3,5W  
300 lm  
2700K/CRI 90  
325 lm  
3000K/CRI 90

### FIND ME 1



**LIGHT SOURCE**  
POWER LED  
5,5W  
450 lm  
2700K/CRI 90  
485 lm  
3000K/CRI 90

### FIND ME 2



**LIGHT SOURCE**  
POWER LED  
10,5W  
650 lm  
2700K/CRI 90  
700 lm  
3000K/CRI 90

### FIND ME 1 SUSPENSION



**LIGHT SOURCE**  
POWER LED  
5,5W  
450 lm  
2700K/CRI 90  
485 lm  
3000K/CRI 90

### ATOM 90



**LIGHT SOURCE**  
POWER LED  
5,5W  
450 lm  
2700K/CRI 90  
485 lm  
3000K/CRI 90

### ATOM 120



**LIGHT SOURCE**  
POWER LED  
8W  
635 lm  
2700K/CRI 90  
680 lm  
3000K/CRI 90

### ATOM 200



**LIGHT SOURCE**  
POWER LED  
10,5W  
1050 lm  
2700K/CRI 90  
1150 lm  
3000K/CRI 90

## Descrizione

Questo nuovo sistema di profili per installazione a superficie è caratterizzato da dimensioni ridotte che conferiscono un'estetica minimalista molto apprezzata in svariati spazi architettonici. Per soluzioni a soffitti non accessibili, il sistema è fornito con fonti di alimentazione attenuabili integrate, con un sistema di controllo Casambi. Il sistema Casambi che regola l'illuminazione di ciascun punto in modo individuale via Bluetooth usa l'APP FLOS Control® powered by Casambi, l'applicazione specifica per dispositivi cellulari (disponibile su Apple Store e Google Play).

Il sistema a guide di alluminio estruso è fornito con lunghezza fino a 3m e nei colori bianco, nero, deep brown, bronzo e cromo.

Sono dotati di binari elettrificati alimentabili a 24 Vdc.

## Sistema Ottico

- Find Me 0: Spot, Medium.
- Find Me 1: Spot, Medium.
- Find Me 2: Spot, Medium, Flood.
- Find Me 1 Suspension: Spot, Medium.
- Atom 90: Spot, Medium.
- Atom 120: Spot, Medium.
- Atom 200: General lighting.

## Unità di Alimentazione

Il sistema può essere alimentato da una fonte remota non inclusa o con l'apparecchiatura di alimentazione da inserire nella guida, fornita con una fonte di alimentazione.

Il connettore di alimentazione iniziale dispone di uno spazio per l'ingresso dei cavi sia nella parte superiore che in quella laterale. Il connettore di alimentazione, l'alimentatore intermedio e gli elementi angolari di 90° si possono alimentare esclusivamente dal retro.

La lunghezza massima della pista con lo stesso driver è di 10 metri.

## Informazioni Aggiuntive

Sistema elettrico alimentato a 24V e limitato ad una corrente massima di 5A e 120W.

Grado di protezione IP20.

Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

This new system of profiles for surface installation is characterized by its reduced dimensions, providing a minimalist aesthetic which is highly appreciated in various architectural spaces. For non-accessible ceilings, the system has integrated dimmable power supplies, dimmable through Casambi control systems.

The Casambi system for individual Bluetooth dimming of each light point can be managed through the FLOS Control® app powered by Casambi for mobile devices (available on the Apple Store and Google Play).

The system of extruded aluminum tracks up to 3 meters in white, black, deep brown bronze and chrome.

They are equipped with electric tracks supporting 24Vdc power supplies.

## Optic system

- Find Me 0: Spot, Medium.
- Find Me 1: Spot, Medium.
- Find Me 2: Spot, Medium, Flood.
- Find Me 1 Suspension: Spot, Medium.
- Atom 90: Spot, Medium.
- Atom 120: Spot, Medium.
- Atom 200: General lighting.

## Power Supply

The system can be powered by a remote power supply (not included) or by power supply equipments to be inserted in the track, which include a power supply.

The initial power connector has a space for cable insertion through both the upper and side parts. The power connector, middle power supply and 90° corners can be powered only from the back.

The maximum length of the track with the same driver is 10 meters.

## Additional Information

Electrical system powered at 24Vdc and limited to a maximum current of 5A and a maximum power of 120W. IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

**FLOS**  
CONTROL BY CASAMBI



# HOW TO ORDER

## 1 CHOOSE YOUR PROFILE AND LENGTH

### SURFACE PROFILE



L: 1 / 2 / 3 m



## 2 COMPLETE WITH MOUNTING ACCESSORIES

Feed connector



Right & Left

End cap



Intermediate Feed connector



Straight

Stopper



Intermediate connector



Feed 90° Corner



Feed Inner 90° Corner



Feed T piece



Feed Cross piece



## 3 SELECT POWER SUPPLY AND CONTROL OPTION

### Recessed installation remote driver

(select the driver with the appropriate power according to the needs of your project)

#### Non Dimmable



60W / 100W / 120W

#### Casambi



+



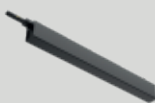
60W / 100W / 120W

Casambi

### Surface Installation Driver

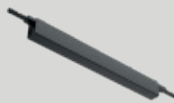
Non Dimmable

Power Supply  
Surface End



96W

Power Supply  
Surface Middle



96W

or

## 4 SELECT A LIGHT MODULE AND CONTROL OPTION

### Standard / Casambi Integrated (individual control)

#### Find Me 0



S/M

#### Atom 90



S/M

#### Find Me 1



S/M

#### Atom 120



S/M

#### Find Me 2



S/M/F

#### Atom 200



General Lighting

#### Find Me Suspension



S/M

# ZERO TRACK SURFACE – PROFILES

## Profili

Profilo elettromeccanico da interni per installazione a superficie (soffitto o parete). Da fissare con tappi a vite specifici forniti con il profilo. Disponibili lunghezze da 1m a 3m.

Il connettore di alimentazione, i connettori intermedi e i tappi vanno ordinati separatamente.

Disponibili connettori meccanici angolari complanari alimentabili a 90° e curvi (elemento simmetrico da sinistra e destra), connettori angolari di 90° con cambio di quota (parete-soffitto o parete-parete), e connettori a "T" e "X".

Disponibili elementi di connessione alimentabili complanari a 90° e curvi. Per installazioni verticali è necessario installare lo stopper, da ordinare separatamente.

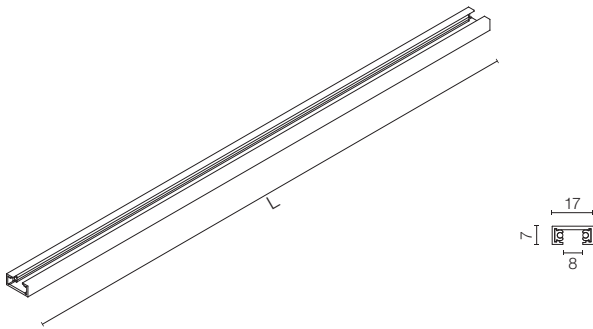
## Profiles

Electro-mechanical indoor profile for surface installation (ceiling or wall). To be fixed with specific screw plugs that come with the profile. 1-meter to 3-meters lengths.

It is necessary to order the power connector, intermediate connectors and covers separately.

Feed unit connectors available as 90° flat corner and curve (symmetric element for left/right corner), ceiling/wall - wall/wall inner corner, as well as "T" and "X" shape.

For vertical installations, installing the stopper is mandatory. It must be ordered separately.

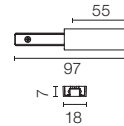


L: 1 m / 2 m / 3 m

	L: 1000 mm
■	06.2500.40
■	06.2500.06
■	06.2500.14
■	06.2500.CZ
■	06.2500.18
	L: 2000 mm
■	06.2501.40
■	06.2501.06
■	06.2501.14
■	06.2501.CZ
■	06.2501.18
	L: 3000 mm
■	06.2502.40
■	06.2502.06
■	06.2502.14
■	06.2502.CZ
■	06.2502.18

Connettore di alimentazione per apparecchio remoto. Possibile entrata del cavo di alimentazione sia nella parte superiore che laterale.

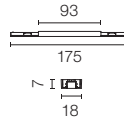
Feed unit for remote power supply unit. Power cable inserting is possible both from the top and the side.



■	06.2540.40
■	06.2540.14
■	06.2540.CZ
■	06.2540.18

Connettore di alimentazione intermedio. Ingresso del cavo di alimentazione superiore.

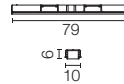
Feed intermediate connector. Upper feeding cable entry.



■	06.2541.40
■	06.2541.14
■	06.2541.CZ
■	06.2541.18

Angolo esterno.

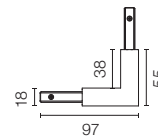
Intermediate connector.



■	06.2506.40
■	06.2506.14

Angolo piatto 90°. Presenta uno spazio posteriore che rende possibile la connessione di alimentazione.

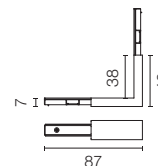
90° flat corner. Can be powered. It has a rear space for the supply connection.



■	06.2542.40
■	06.2542.14
■	06.2542.CZ
■	06.2542.18

Angolo interno soffitto/parete - parete/parete. Presenta uno spazio posteriore su ogni lato che rende possibile la connessione di alimentazione.

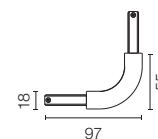
Ceiling/wall - wall/wall inner corner. Can be powered. It has two spaces for the supply connection located on each side at the rear.



■	06.2543.40
■	06.2543.14
■	06.2543.CZ
■	06.2543.18

Curva interna soffitto/soffitto - parete/parete. Alimentabile dal retro.

Interior ceiling/ceiling-wall/ wall curve. Can be powered via connections on the back.



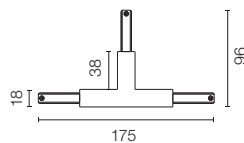
■	06.2544.40
■	06.2544.14
■	06.2544.CZ
■	06.2544.18



## ZERO TRACK SURFACE – PROFILES

Connettore a forma di "T".  
Alimentabile dal retro.

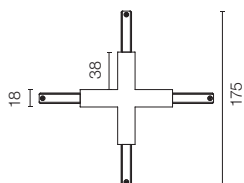
T-shaped connector. Can be  
powered via connections on the  
back.



06.2545.40  
06.2545.14  
06.2545.CZ  
06.2545.18

Connettore a forma di "X".  
Alimentabile dal retro.

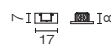
Cross-shaped connector. Can be  
powered via connections on the  
back.



06.2546.40  
06.2546.14  
06.2546.CZ  
06.2546.18

Terminale di chiusura.

End cap.



06.2509.40  
06.2509.14  
06.2509.CZ  
06.2509.18

Stopper. Per fissaggio di  
apparecchi di illuminazione su  
guide verticali.

Stopper. For fixing luminaires in  
vertical track installations.

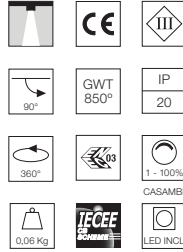
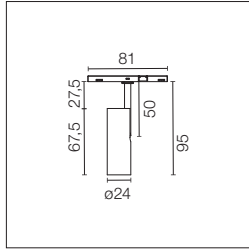


08.0630.40  
08.0630.14

# ZERO TRACK – LIGHT MODULES

## Find Me 0 Designed By Jorge Herrera

Light Source: Power LED 3,5W - 300 lm - 2700K/CRI 90 / 3,5W - 325 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento, installabile sul sistema Zero Track.

Convertitore elettronico DC/DC incorporato.

Per il controllo individuale degli apparecchi selezionare le versioni con Casambi integrato.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Zero Track system. Incorporated DC/DC electronic converter.

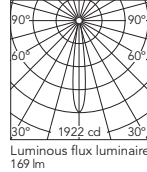
To individually control the lights, select integrated Casambi versions. Accessories included (honeycomb and screening crosspiece).

### 2700K

- 09.3801.40A
- 09.3801.06A
- 09.3801.14A
- 09.3801.CZA
- 09.3801.18A

\*\*Casambi integrated

- 09.3901.40A
- 09.3901.06A
- 09.3901.14A
- 09.3901.CZA
- 09.3901.18A



Beam Angle: 15°

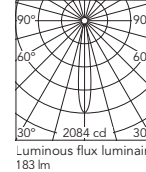
h(m)	Ef(x)	D(m)
1	1922	0.26
2	481	0.52
3	214	0.77
4	120	1.03
5	77	1.29

### 3000K

- 09.3800.40A
- 09.3800.06A
- 09.3800.14A
- 09.3800.CZA
- 09.3800.18A

\*\*Casambi integrated

- 09.3900.40A
- 09.3900.06A
- 09.3900.14A
- 09.3900.CZA
- 09.3900.18A



Beam Angle: 15°

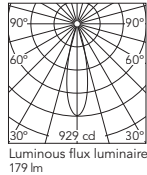
h(m)	Ef(x)	D(m)
1	2084	0.26
2	521	0.52
3	232	0.77
4	130	1.03
5	83	1.29

### 2700K

- 09.3803.40A
- 09.3803.06A
- 09.3803.14A
- 09.3803.CZA
- 09.3803.18A

\*\*Casambi integrated

- 09.3903.40A
- 09.3903.06A
- 09.3903.14A
- 09.3903.CZA
- 09.3903.18A



Beam Angle: 25°

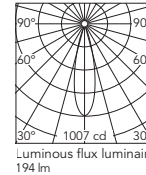
h(m)	Ef(x)	D(m)
1	929	0.45
2	232	0.89
3	103	1.34
4	58	1.79
5	37	2.23

### 3000K

- 09.3802.40A
- 09.3802.06A
- 09.3802.14A
- 09.3802.CZA
- 09.3802.18A

\*\*Casambi integrated

- 09.3902.40A
- 09.3902.06A
- 09.3902.14A
- 09.3902.CZA
- 09.3902.18A



Beam Angle: 25°

h(m)	Ef(x)	D(m)
1	1007	0.45
2	252	0.89
3	112	1.34
4	63	1.79
5	40	2.23

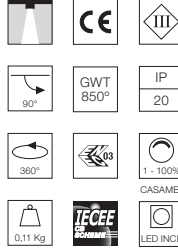
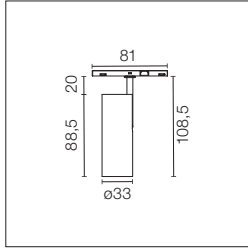
\*\* Il sistema di controllo con apparecchi in versione Casambi si regola direttamente via bluetooth tramite la applicazione FLOS Control® powered by CASAMBI.

\*\* The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® powered by Casambi.

# ZERO TRACK – LIGHT MODULES

## Find Me 1 Designed By Jorge Herrera

Light Source: Power LED 5,5W - 450 lm - 2700K/CRI 90 / 5,5W - 485 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento, installabile sul sistema Zero Track.

Convertitore elettronico DC/DC incorporato.

Per il controllo individuale degli apparecchi selezionare le versioni con Casambi integrato.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Zero Track system. Incorporated DC/DC electronic converter.

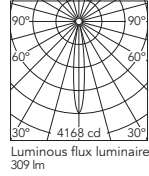
To individually control the lights, select integrated Casambi versions. Accessories included (honeycomb and screening crosspiece).

### 2700K

- 09.3812.40A
- 09.3812.06A
- 09.3812.14A
- 09.3812.CZA
- 09.3812.18A

\*\*Casambi integrated

- 09.3912.40A
- 09.3912.06A
- 09.3912.14A
- 09.3912.CZA
- 09.3912.18A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4168	0.24
2	1042	0.48
3	463	0.72
4	261	0.95
5	167	1.19

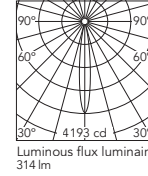
Luminous flux luminaire 309 lm

### 3000K

- 09.3810.40A
- 09.3810.06A
- 09.3810.14A
- 09.3810.CZA
- 09.3810.18A

\*\*Casambi integrated

- 09.3910.40A
- 09.3910.06A
- 09.3910.14A
- 09.3910.CZA
- 09.3910.18A



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4193	0.24
2	1048	0.49
3	466	0.73
4	262	0.97
5	168	1.21

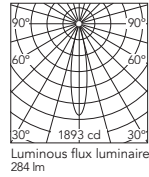
Luminous flux luminaire 314 lm

### 2700K

- 09.3813.40A
- 09.3813.06A
- 09.3813.14A
- 09.3813.CZA
- 09.3813.18A

\*\*Casambi integrated

- 09.3913.40A
- 09.3913.06A
- 09.3913.14A
- 09.3913.CZA
- 09.3913.18A



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	1893	0.35
2	473	0.70
3	210	1.06
4	118	1.41
5	76	1.76

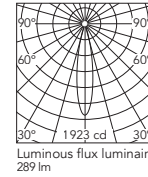
Luminous flux luminaire 284 lm

### 3000K

- 09.3811.40A
- 09.3811.06A
- 09.3811.14A
- 09.3811.CZA
- 09.3811.18A

\*\*Casambi integrated

- 09.3911.40A
- 09.3911.06A
- 09.3911.14A
- 09.3911.CZA
- 09.3911.18A



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	1923	0.35
2	481	0.70
3	214	1.06
4	120	1.41
5	77	1.76

Luminous flux luminaire 289 lm

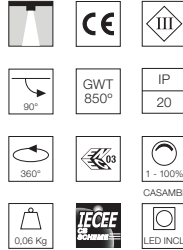
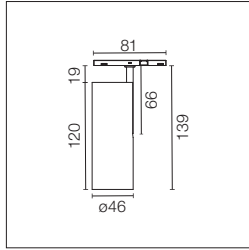
\*\* Il sistema di controllo con apparecchi in versione Casambi si regola direttamente via bluetooth tramite la applicazione FLOS Control® powered by CASAMBI.

\*\* The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® powered by Casambi.

# ZERO TRACK – LIGHT MODULES

## Find Me 2 Designed By Jorge Herrera

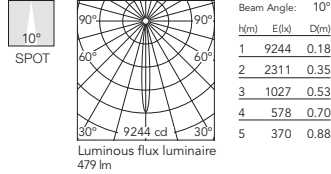
Light Source: Power LED 10,5W\* - 650 lm - 2700K/CRI90 / 10,5W\* - 700 lm - 3000K/CRI90



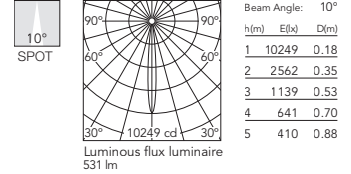
Modulo di illuminazione LED d'accento, installabile sul sistema Zero Track.  
Convertitore elettronico DC/DC incorporato.  
Per il controllo individuale degli apparecchi selezionare le versioni con Casambi integrato.  
Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Zero Track system. Incorporated DC/DC electronic converter.  
To individually control the lights, select integrated Casambi versions. Accessories included (honeycomb and screening crosspiece).

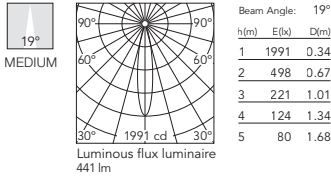
- 2700K**
- 09.3862.40A
  - 09.3862.06A\*
  - 09.3862.14A
  - 09.3862.CZA
  - 09.3862.18A
- \*\*Casambi integrated
- 09.3962.40A
  - 09.3962.06A\*
  - 09.3962.14A
  - 09.3962.CZA
  - 09.3962.18A



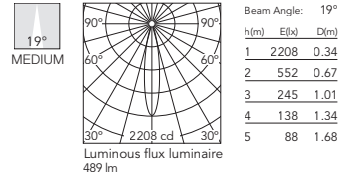
- 3000K**
- 09.3860.40A
  - 09.3860.06A\*
  - 09.3860.14A
  - 09.3860.CZA
  - 09.3860.18A
- \*\*Casambi integrated
- 09.3960.40A
  - 09.3960.06A\*
  - 09.3960.14A
  - 09.3960.CZA
  - 09.3960.18A



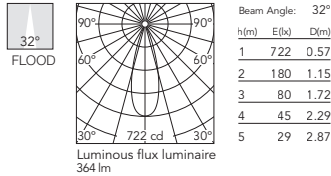
- 2700K**
- 09.3863.40A
  - 09.3863.06A\*
  - 09.3863.14A
  - 09.3863.CZA
  - 09.3863.18A
- \*\*Casambi integrated
- 09.3963.40A
  - 09.3963.06A\*
  - 09.3963.14A
  - 09.3963.CZA
  - 09.3963.18A



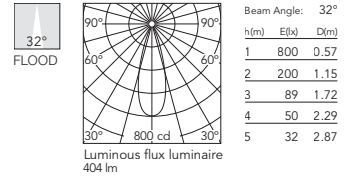
- 3000K**
- 09.3861.40A
  - 09.3861.06A\*
  - 09.3861.14A
  - 09.3861.CZA
  - 09.3861.18A
- \*\*Casambi integrated
- 09.3961.40A
  - 09.3961.06A\*
  - 09.3961.14A
  - 09.3961.CZA
  - 09.3961.18A



- 2700K**
- 09.3865.40A
  - 09.3865.06A\*
  - 09.3865.14A
  - 09.3865.CZA
  - 09.3865.18A
- \*\*Casambi integrated
- 09.3965.40A
  - 09.3965.06A\*
  - 09.3965.14A
  - 09.3965.CZA
  - 09.3965.18A



- 3000K**
- 09.3864.40A
  - 09.3864.06A\*
  - 09.3864.14A
  - 09.3864.CZA
  - 09.3864.18A
- \*\*Casambi integrated
- 09.3964.40A
  - 09.3964.06A\*
  - 09.3964.14A
  - 09.3964.CZA
  - 09.3964.18A



\* Per la finitura cromata la potenza è 8W. / For chrome finishes their power is 8W.

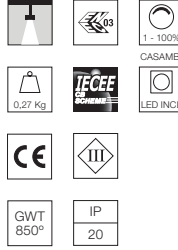
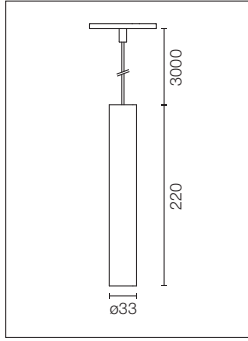
\*\* Il sistema di controllo con apparecchi in versione Casambi si regola direttamente via bluetooth tramite la applicazione FLOS Control® powered by CASAMBI.

\*\* The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® powered by Casambi.

# ZERO TRACK – LIGHT MODULES

## Find Me 1 Suspension Designed By Jorge Herrera

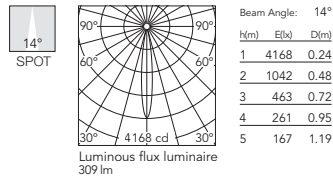
Light Source: Power LED 5,5W - 450 lm - 2700K/CRI 90 / 5,5W - 485 lm - 3000K/CRI 90



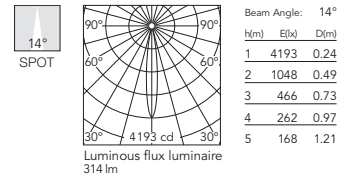
Modulo di illuminazione LED d'accento, installabile sul sistema Zero Track.  
Convertitore elettronico DC/DC incorporato.  
Per il controllo individuale degli apparecchi selezionare le versioni con Casambi integrato.  
Non installabile su guide verticali.  
Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Zero Track system. Incorporated DC/DC electronic converter.  
To individually control the lights, select integrated Casambi versions. Not suitable for vertical installations. Accessories included (honeycomb and screening crosspiece).

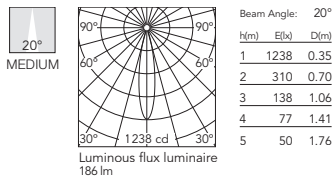
- 2700K**
- 09.3822.40A
  - 09.3822.06A
  - 09.3822.14A
  - 09.3822.CZA
  - 09.3822.18A
- \*\*Casambi integrated
- 09.3922.40A
  - 09.3922.06A
  - 09.3922.14A
  - 09.3922.CZA
  - 09.3922.18A



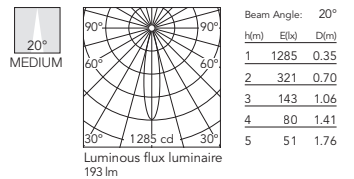
- 3000K**
- 09.3820.40A
  - 09.3820.06A
  - 09.3820.14A
  - 09.3820.CZA
  - 09.3820.18A
- \*\*Casambi integrated
- 09.3920.40A
  - 09.3920.06A
  - 09.3920.14A
  - 09.3920.CZA
  - 09.3920.18A



- 2700K**
- 09.3823.40A
  - 09.3823.06A
  - 09.3823.14A
  - 09.3823.CZA
  - 09.3823.18A
- \*\*Casambi integrated
- 09.3923.40A
  - 09.3923.06A
  - 09.3923.14A
  - 09.3923.CZA
  - 09.3923.18A



- 3000K**
- 09.3821.40A
  - 09.3821.06A
  - 09.3821.14A
  - 09.3821.CZA
  - 09.3821.18A
- \*\*Casambi integrated
- 09.3921.40A
  - 09.3921.06A
  - 09.3921.14A
  - 09.3921.CZA
  - 09.3921.18A



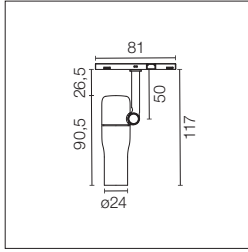
\*\* Il sistema di controllo con apparecchi in versione Casambi si regola direttamente via bluetooth tramite la applicazione FLOS Control® powered by CASAMBI.

\*\* The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® powered by Casambi.

# ZERO TRACK – LIGHT MODULES

## Atom 90 Designed By Piero Lissoni

Light Source: Power LED 5,5W\* - 450 lm - 2700K/CRI 90 / 5,5W\* - 485 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento, installabile sul sistema Zero Track.

Convertitore elettronico DC/DC incorporato.

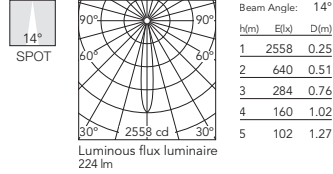
Per il controllo individuale degli apparecchi selezionare le versioni con Casambi integrato.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

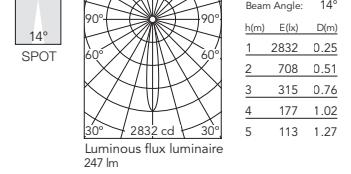
LED accent lighting module to be installed in the Zero Track system. Incorporated DC/DC electronic converter.

To individually control the lights, select integrated Casambi versions. Accessories included (honeycomb and screening crosspiece).

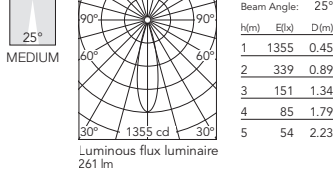
- 2700K**
- 09.3831.40A
  - 09.3831.06A\*
  - 09.3831.14A
  - 09.3831.CZA
  - 09.3831.18A
- \*\*Casambi integrated
- 09.3931.40A
  - 09.3931.06A\*
  - 09.3931.14A
  - 09.3931.CZA
  - 09.3931.18A



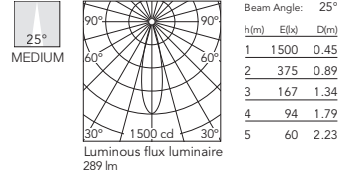
- 3000K**
- 09.3830.40A
  - 09.3830.06A\*
  - 09.3830.14A
  - 09.3830.CZA
  - 09.3830.18A
- \*\*Casambi integrated
- 09.3930.40A
  - 09.3930.06A\*
  - 09.3930.14A
  - 09.3930.CZA
  - 09.3930.18A



- 2700K**
- 09.3833.40A
  - 09.3833.06A\*
  - 09.3833.14A
  - 09.3833.CZA
  - 09.3833.18A
- \*\*Casambi integrated
- 09.3933.40A
  - 09.3933.06A\*
  - 09.3933.14A
  - 09.3933.CZA
  - 09.3933.18A



- 3000K**
- 09.3832.40A
  - 09.3832.06A\*
  - 09.3832.14A
  - 09.3832.CZA
  - 09.3832.18A
- \*\*Casambi integrated
- 09.3932.40A
  - 09.3932.06A\*
  - 09.3932.14A
  - 09.3932.CZA
  - 09.3932.18A



\* Per la finitura cromata la potenza è 4,7W. / For chrome finishes their power is 4.7W.

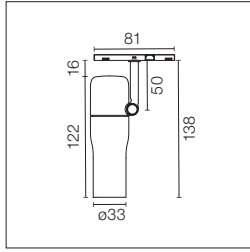
\*\* Il sistema di controllo con apparecchi in versione Casambi si regola direttamente via bluetooth tramite la applicazione FLOS Control® powered by CASAMBI.

\*\* The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® powered by Casambi.

# ZERO TRACK – LIGHT MODULES

## Atom 120 Designed By Piero Lissoni

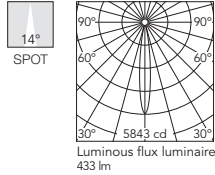
Light Source: Power LED 8W\* - 635 lm - 2700K/CRI 90 / 8W\* - 680 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento, installabile sul sistema Zero Track.  
Convertitore elettronico DC/DC incorporato.  
Per il controllo individuale degli apparecchi selezionare le versioni con Casambi integrato.  
Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Zero Track system. Incorporated DC/DC electronic converter.  
To individually control the lights, select integrated Casambi versions. Accessories included (honeycomb and screening crosspiece).

- 2700K**
- 09.3841.40A
  - 09.3841.06A\*
  - 09.3841.14A
  - 09.3841.CZA
  - 09.3841.18A
- \*\*Casambi integrated
- 09.3941.40A
  - 09.3941.06A\*
  - 09.3941.14A
  - 09.3941.CZA
  - 09.3941.18A

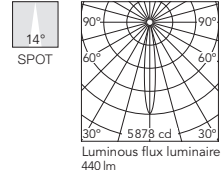


Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5843	0.24
2	1461	0.48
3	649	0.72
4	365	0.95
5	234	1.19

Luminous flux luminaire 433 lm

- 3000K**
- 09.3840.40A
  - 09.3840.06A\*
  - 09.3840.14A
  - 09.3840.CZA
  - 09.3840.18A
- \*\*Casambi integrated
- 09.3940.40A
  - 09.3940.06A\*
  - 09.3940.14A
  - 09.3940.CZA
  - 09.3940.18A

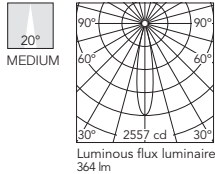


Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5878	0.24
2	1469	0.49
3	653	0.73
4	367	0.97
5	235	1.21

Luminous flux luminaire 440 lm

- 2700K**
- 09.3843.40A
  - 09.3843.06A\*
  - 09.3843.14A
  - 09.3843.CZA
  - 09.3843.18A
- \*\*Casambi integrated
- 09.3943.40A
  - 09.3943.06A\*
  - 09.3943.14A
  - 09.3943.CZA
  - 09.3943.18A

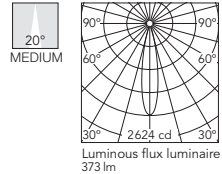


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2557	0.35
2	639	0.70
3	284	1.06
4	160	1.41
5	102	1.76

Luminous flux luminaire 364 lm

- 3000K**
- 09.3842.40A
  - 09.3842.06A\*
  - 09.3842.14A
  - 09.3842.CZA
  - 09.3842.18A
- \*\*Casambi integrated
- 09.3942.40A
  - 09.3942.06A\*
  - 09.3942.14A
  - 09.3942.CZA
  - 09.3942.18A



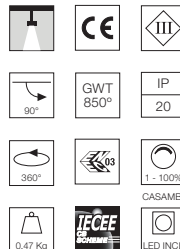
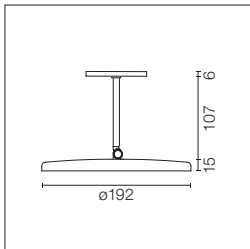
Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2624	0.35
2	656	0.70
3	292	1.06
4	164	1.41
5	105	1.76

Luminous flux luminaire 373 lm

## Atom 200 Designed By Piero Lissoni

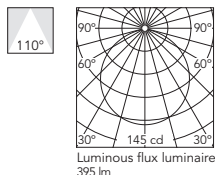
Light Source: Power LED 10,5W - 1050 lm - 2700K/CRI 90 / 10,5W - 1150 lm - 3000K/CRI 90



Modulo di illuminazione LED generale, installabile sul sistema Zero Track.  
Convertitore elettronico DC/DC incorporato.  
Per il controllo individuale degli apparecchi selezionare le versioni con Casambi integrato.  
Non installabile su guide verticali.

LED general lighting module to be installed in the Zero Track system. Incorporated DC/DC electronic converter.  
To individually control the lights, select integrated Casambi versions.  
Not suitable for vertical installations.

- 2700K**
- 09.3851.40
  - 09.3851.06
  - 09.3851.14
  - 09.3851.CZ
  - 09.3851.18
- \*\*Casambi integrated
- 09.3951.40
  - 09.3951.06
  - 09.3951.14
  - 09.3951.CZ
  - 09.3951.18

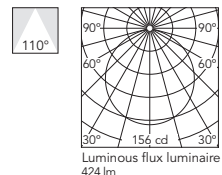


Beam Angle: 110°

h(m)	E(lx)	D(m)
1	145	2.86
2	36	5.73
3	16	8.59
4	9	11.45
5	6	14.32

Luminous flux luminaire 395 lm

- 3000K**
- 09.3850.40
  - 09.3850.06
  - 09.3850.14
  - 09.3850.CZ
  - 09.3850.18
- \*\*Casambi integrated
- 09.3950.40
  - 09.3950.06
  - 09.3950.14
  - 09.3950.CZ
  - 09.3950.18



Beam Angle: 110°

h(m)	E(lx)	D(m)
1	156	2.86
2	39	5.73
3	17	8.59
4	10	11.45
5	6	14.32

Luminous flux luminaire 424 lm

\* Per la finitura cromata la potenza è 6W. / For chrome finishes their power is 6W.

\*\* Il sistema di controllo con apparecchi in versione Casambi si regola direttamente via bluetooth tramite la applicazione FLOS Control® powered by CASAMBI.

\*\* The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® powered by Casambi.

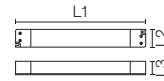
# ZERO TRACK

## Driver / Drivers

Remote Installation

Fonte di alimentazione remota.  
Non regolabile. 220/240V.

Remote power supply.  
Non Dimmable. 220/240V.



120W - 220/240V  
L1: 300 - L2: 40 - L3: 30  
60.9516

120W - 220/240V  
L1: 268 - L2: 45 - L3: 31  
60.9777

100W - 220/240V  
L1: 295 - L2: 43 - L3: 30  
60.9443

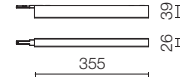
60W - 220/240V  
L1: 180 - L2: 52 - L3: 30  
60.9515

60W - 220/240V  
L1: 225 - L2: 43 - L3: 30  
60.9374

### Surface Installation Driver

Fonte di alimentazione finale per installazione a superficie. Non regolabile. Non installabile su guide a parete.

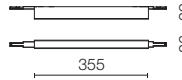
Power supply surface end. Non Dimmable. Cannot be installed on wall tracks.



96W  
06.2510.40A  
06.2510.06A  
06.2510.14A  
06.2510.CZA  
06.2510.18A

Fonte di alimentazione intermedia per installazione a superficie. Non regolabile. Non installabile su guide a parete.

Power supply surface middle. Non Dimmable. Not suitable for wall installations.

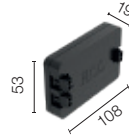


96W  
06.2511.40A  
06.2511.06A  
06.2511.14A  
06.2511.CZA  
06.2511.18A

## Unità di controllo / Control Units

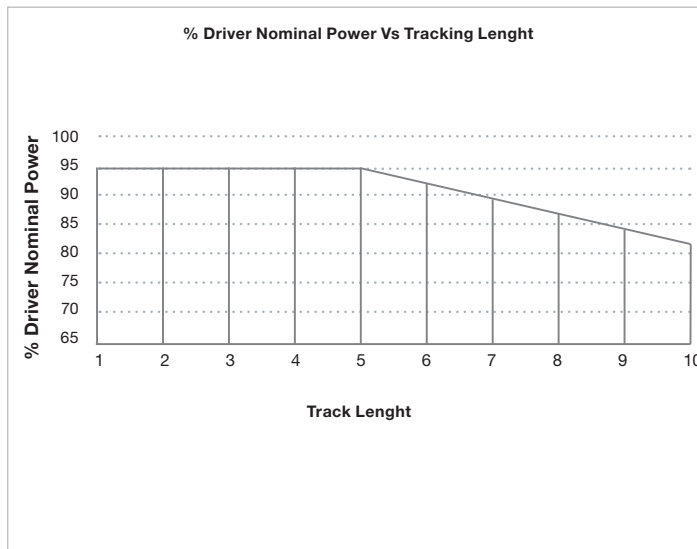
Gateway di regolazione wireless. Da 1-10V a Casambi. Per installazione remota. Vedi le specifiche del prodotto nel manuale Flos Control. Consigliato per fungere da gateway da Lutron a Casambi.

Wireless Dimmer Bridge. From 1-10V to Casambi. For remote installation. See product specifications in the Flos Control manual. Recommended to act as a gateway from Lutron to Casambi.



DIM 1-10V >> Casambi  
08.0824.14

Track Length (m)	% Driver Nominal Power
1	95
2	95
3	95
4	95
5	95
6	93
7	91
8	89
9	87
10	85



### Example:

Ref. 60.9361: 57W / 4 m track  
57W x 0,95 = 54,15W available

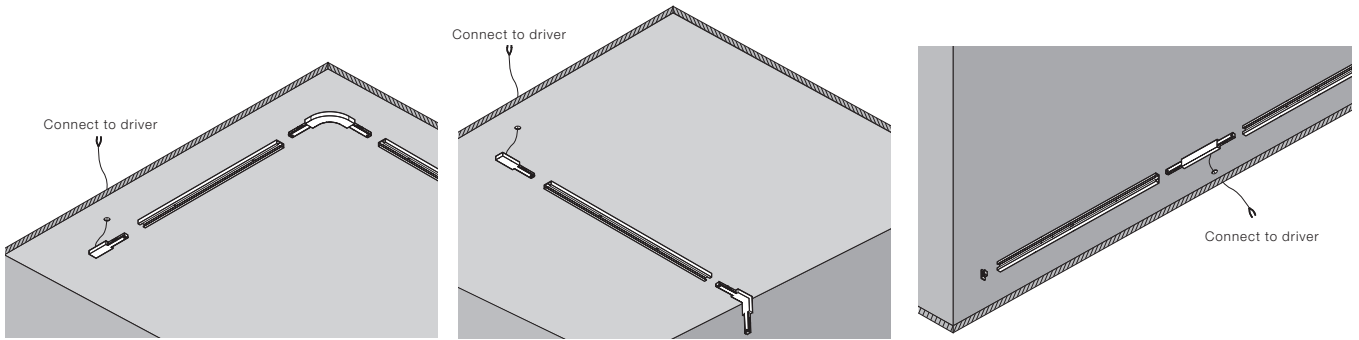
	W luminary	N° luminaries	W luminaries
<b>Find Me 0</b>	3,5	3	10,5
<b>Find Me 1</b>	5,5	0	0
<b>Find Me 2</b>	10,5	0	0
<b>Atom 90</b>	5,5	3	16,5
<b>Atom 120</b>	8	2	16
<b>Atom 200</b>	10,5	1	10,5
<b>Total system power: 53,5W</b>			

Maximum cable length: (driver to track): 5 m . Cable section: 2x1,5 mm<sup>2</sup> . Maximum track length: 10 m . Maximum power: 120W

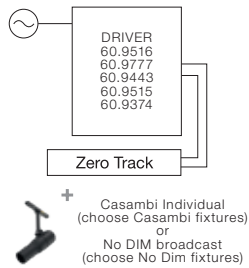


# ZERO TRACK - INSTALLATION

## Remote Driver Installations



### Individual Casambi / No DIM



THE MICRO RUNNING MAGNET  
DESIGNED BY FLOS ARCHITECTURAL


FLOS  
CONTROL BY CASAMBI



RECESSED

SURFACE



Recessed Profiles  14 Nero  
14 Black

Surface Profiles  40 Bianco  
40 White  14 Nero  
14 Black

## Descrizione

Innovativo programma di strutture ultraminiaturizzate in versione a incasso e superficie. Compatibile con un'ampia gamma di soluzioni di illuminazione professionali mediante fissaggio magnetico. La soluzione definitiva per l'illuminazione espositiva.

Un programma completo e professionale che al di là delle dimensioni ridotte garantisce una luce equilibrata e attraente capace di risaltare ogni oggetto nel miglior modo a 360°.

La quintessenza della luce integrata, ottenuta grazie ad un profilo di soli 5mm che permette la totale integrazione di micro apparecchi progettati per fondersi con la struttura fin quasi a scomparire.

Le incredibili dimensioni ridotte del profilo che caratterizza il programma esaltano la flessibilità della luce e il suo rapporto con l'architettura. L'installazione dei corpi illuminanti avviene tramite supporto magnetico all'interno del profilo per una semplicità d'uso senza eguali.

Fissaggio magnetico degli apparecchi di illuminazione, che consente la manipolazione a caldo. I corpi illuminanti si possono orientare da accesi ottenendo enorme flessibilità e adattabilità della configurazione in qualunque momento. Tutti i profili strutturali di Micro Running Magnet sono fabbricati con alluminio estruso bianco o nero, provvisto di circuito elettrico alimentato a 24V, sul quale si installano le unità luminose a LED compatibili tramite un sistema di fissaggio magnetico.

Gamma completa di proiettori disponibile in varie potenze e dimensioni. Tutti i prodotti includono micro lenti professionali stabilizzate in acrilico per un controllo massimo degli effetti luminosi.

## Controllo:

- DALI: controllo remoto in broadcast (dimmerazione di tutte le unità luminose in gruppo).

- 1/10V: controllo remoto in broadcast (dimmerazione di tutte le unità luminose in gruppo).

- Casambi: controllo remoto in broadcast e individuale tramite applicazione dedicata FLOS Control®.

App necessaria per i dispositivi mobili (disponibile su Apple Store e Google Play).

## Sistema Ottico

Unità luminose d'accento disponibili con ottica intensiva (Lente Spot) e con ottica estensiva (Lente Medium, Flood e Wide Flood). Moduli di illuminazione lineare con emissione diretta diffusa o wall-washer, disponibile in varie lunghezze da 300mm fino a 1200mm.

## Unità di alimentazione

Unità di alimentazione remota 24V non inclusa.

## Informazioni Aggiuntive

The Micro Running Magnet è un sistema elettrico alimentato a 24V e limitato ad una corrente massima di 5A e 120W per evitare sovraccarico. Ogni volta che si raggiungono 120W di carico è necessario realizzare una nuova connessione tramite un profilo di alimentazione.

Indice di protezione IP20.

Installabile su superfici normalmente incombustibili.

Raccomandato per l'installazione su superfici in cartongesso di 12,5 mm di spessore per la versione da incasso. I regolatori della tensione elettrica PWM possono essere usati a una frequenza di 250-500 Hz.

In alcuni casi, il tipo di installazione può far sì che il sistema di attenuazione dell'illuminazione produca un leggero ronzio.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Innovative program of ultra-miniaturized structures in recessed and surface versions. Compatible with a wide range of professional lighting solutions by means of magnetic fixing. The Micro Running Magnet is the ultimate solution for exhibition lighting. A complete and professional program that, in addition to its reduced dimensions, provides a balanced and attractive light to highlight each object in the best way and in 360°.

The quintessence of integrated light obtained thanks to a profile of only 5 mm that allows the total integration of micro-devices designed to be combined with the structure until they disappear almost completely.

The incredibly small profile size that characterizes the program enhances the light's flexibility and its relationship with the architecture. The light-ing bodies are installed by means of a magnetic support inside the profile, providing an unparalleled ease of use.

Magnetic fixing of the luminaries, which allows hot handling. The lighting bodies can be orientated when they are still on, achieving enormous flexibility and adaptability in the configuration at any time. The profile of all The Micro Running Magnet structural tracks is extruded aluminum, painted black or white, housing a graphite electric track fed at 24V, on which all magnetic luminaries are installed simply by insertion.

Complete range of micro-projectors available in various powers and sizes. They all include professional acrylic stabilized micro-lenses for a maximum control of lighting effects.

## Control

- DALI: broadcasting remote control (dimming of all the luminaires in a single group).

- 1/10V: broadcasting remote control (dimming of all the luminaires in a single group).

- Casambi: individual and broadcast control through a tablet or smartphone application (FLOS Control®).

App needed for mobile devices (available in Apple Store y Google Play).

## Optic system

The accent light modules are available with intensive optics (spot lens) and extensive optics (medium, flood and wide flood lens). Linear lighting modules with direct diffused or wall-washer light emission, available in different lengths from 300mm up to 1200mm.

## Power Supply

Remote 24V power supply not included.

## Additional Information

The Micro Running Magnet is a 24V electrical system limited to a maximum power current of 5A and 120W to avoid overloads. After every 120W make a new connection with a feed unit profile.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

For Recessed version, installation on 12.5 mm-thick plasterboard surfaces is recommended. PWM Voltage output dimmable drivers shall be used at. Frequencies between 250 and 500 Hz.

In few cases, depending on the installation, the broadcast dimming can produce an audible buzz.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions

# THE MICRO RUNNING MAGNET

DESIGNED BY FLOS ARCHITECTURAL

## LIGHT MODULES

### NANO SPOT



**LIGHT SOURCE**  
POWER LED  
2W  
165 lm  
2700K/CRI 90  
170 lm  
3000K/CRI 90  
185 lm  
4000K/CRI 90  
200 lm  
5000K/CRI 90

### MICRO SPOT



**LIGHT SOURCE**  
POWER LED  
3W  
275 lm  
2700K/CRI 90  
295 lm  
3000K/CRI 90  
315 lm  
4000K/CRI 90  
335 lm  
5000K/CRI 90

### SPOT



**LIGHT SOURCE**  
POWER LED  
6W  
545 lm  
2700K/CRI 90  
585 lm  
3000K/CRI 90  
625 lm  
4000K/CRI 90  
665 lm  
5000K/CRI 90

### LIGHT SHADOW SPOT Ø30



**LIGHT SOURCE**  
POWER LED  
3W  
270 lm  
2700K/CRI 90  
285 lm  
3000K/CRI 90  
300 lm  
4000K/CRI 90  
320 lm  
5000K/CRI 90

### FIND ME 0



**LIGHT SOURCE**  
POWER LED  
3,5W  
249 lm  
2700K/CRI 90  
270 lm  
3000K/CRI 90

### FIND ME 1



**LIGHT SOURCE**  
POWER LED  
5,5W  
446 lm  
2700K/CRI 90  
463 lm  
3000K/CRI 90

### LIGHT STRIPE DIFFUSED



### LIGHT STRIPE WALL-WASHER



**LIGHT SOURCE**  
TOP LED  
15W/m  
1440 lm/m  
2700K/CRI 90  
1550 lm/m  
3000K/CRI 90  
1660 lm  
4000K/CRI 90  
1775 lm  
5000K/CRI 90

# THE MICRO RUNNING MAGNET

## Recessed Profile

■ 14 Nero  
14 Black



## Surface Profile

□ 40 Bianco  
40 White



■ 14 Nero  
14 Black



## Spots & Light Shadow Spot Ø30

□ 40 Bianco  
40 White



■ 14 Nero  
14 Black



■ EQ Rame Spazzolato\*  
EQ Brushed Copper\*



■ ER Acciaio Spazzolato\*  
ER Brushed Steel\*



■ ES Bronzo Spazzolato\*  
ES Brushed Bronze\*



\*On Demand - Metallic Colours

## Find Me

□ 40 Bianco  
40 White



■ 14 Nero  
14 Black

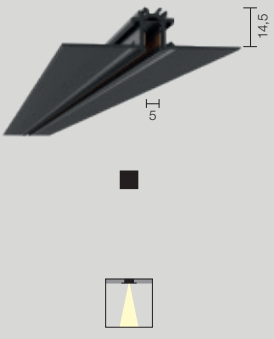







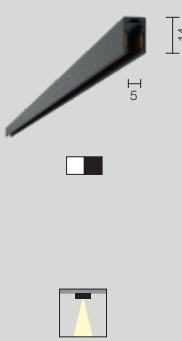









## Light Stripes

■ 14 Nero  
14 Black



# HOW TO ORDER

1 CHOOSE YOUR PROFILE AND LENGTH	2 COMPLETE WITH MOUNTING ACCESSORIES	3 SELECT POWER SUPPLY
<p><b>RECESSED PROFILE</b></p>  <p>L: 1 / 1,5 / 2 / 2,5 / 3 m</p>	<p>Feed connector</p>  <hr/> <p>Intermediate connector</p>  <p>Straight</p> <hr/> <p>End cap</p>  <hr/> <p>90° Corner</p>  <p>Electrical / Mechanical joint</p> <hr/> <p>Inner corner</p>  <p>Electrical / Mechanical joint</p>	<p><b>Installation remote driver</b> (select the driver with the appropriate power according to the needs of your project)</p> <hr/> <p>Non Dimmable / Casambi Individual</p>  <p>60W / 100W / 120W</p> <hr/> <p>0/1-10V · Push broadcast</p>  <p>Dimmer + 60W / 100W / 120W</p>
<p><b>SURFACE PROFILE</b></p>  <p>L: 1 / 1,5 / 2 / 2,5 / 3 m</p>	<p>Feed connector</p>  <hr/> <p>Intermediate connector</p>  <p>Straight</p> <hr/> <p>End cap</p>  <hr/> <p>90° Corner</p>  <p>Electrical / Mechanical</p> <hr/> <p>Inner corner</p>  <p>Electrical / Mechanical</p>	<p>DALI · Push broadcast</p>  <p>Dimmer + 60W / 100W / 120W</p> <hr/> <p>Casambi broadcast</p>  <p>Dimmer + 60W / 100W / 120W + No DIM</p>

# THE MICRO RUNNING MAGNET

## 4 SELECT A LIGHT MODULE

### No DIM / Broadcast DIM

#### Light Stripe Diffused



L: 300 mm / 600 mm / 900 mm / 1200 mm



General lighting

#### Light Stripe Wall-Washer



L: 300 mm / 600 mm / 900 mm / 1200 mm



Wall-Washer

#### Nano Spot



M/F

#### Micro Spot



S/M/F

#### Spot



S/M

#### Light Shadow Spot Ø30



S/M/F/WF

\*On Demand - Metallic Colours

### Casambi Individual DIM

#### Find Me 0



S/M

#### Find Me 1



S/M

# THE MICRO RUNNING MAGNET RECESSED – PROFILES

## Profili

Profilo elettromeccanico di dimensioni ridottissime per installazione ad incasso su soffitti e pareti di cartongesso disponibile con lunghezze da 1 a 3m.

Accessori di fissaggio inclusi con i profili.

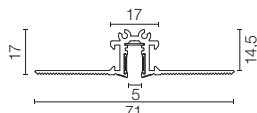
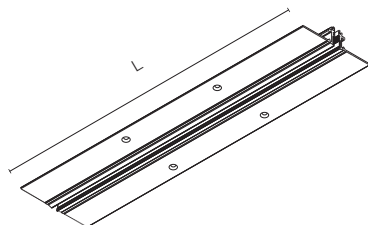
Angoli di 90° disponibili nello stesso piano (elemento simmetrico per angolo destro e sinistro).

## Profiles

Electromechanical profile of reduced size for recessed installation in plasterboard ceilings/walls with lengths from 1 to 3 m.

Fastening accessories included with the profiles.

90° corners available in the same plane (symmetrical element for left and right corners).

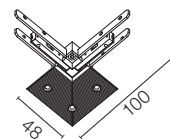


- L: 1000 mm
- 06.6000.14
- L: 1500 mm
- 06.6001.14
- L: 2000 mm
- 06.6002.14
- L: 2500 mm
- 06.6003.14
- L: 3000 mm
- 06.6004.14

L: 1 m / 1,5 m / 2m / 2,5m / 3 m

Angolo 90°.  
Collegamento elettrico/meccanico.  
Non alimentabile. Gli apparecchi non possono essere montati sugli angoli.

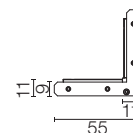
90° Corner.  
Electrical/mechanical connection.  
Non-feedable. Luminaires cannot be located on corners.



■ 06.6030.14

Angolo interno.  
Collegamento elettrico/meccanico.  
Non alimentabile. Gli apparecchi non possono essere montati sugli angoli.

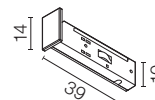
Inner corner.  
Electrical/mechanical connection.  
Non-feedable. Luminaires cannot be located on corners.



■ 06.6032.14

Connettore di alimentazione.  
Cavo da 2m incluso.  
Collegamento elettrico. Gli apparecchi non possono essere montati sul connettore.

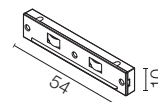
Feed connector.  
2m cable included.  
Electrical connection. Luminaires cannot be located in the connector.



■ 06.6034.14

Connettore intermedio.  
Collegamento elettrico. Gli apparecchi non possono essere montati sul connettore.

Intermediate connector.  
Electrical connection. Luminaires cannot be located in the connector.



■ 06.6035.14

Terminale di chiusura. Kit di 1 unità.

End cap. 1 unit kit.



■ 06.6036.14



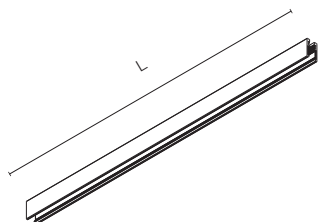
# THE MICRO RUNNING MAGNET SURFACE – PROFILES

## Profili

Profilo elettromeccanico di dimensioni ridottissime per installazione in superficie (soffitto o parete) disponibile con lunghezze da 1 a 3m.  
 Accessori di fissaggio inclusi con i profili.  
 Angoli di 90° disponibili nello stesso piano (elemento simmetrico per angolo destro e sinistro).  
 La parte interna del profilo è fornita sempre nera.

## Profiles

Electromechanical profile of reduced size for installation on surfaces (ceiling or wall) with lengths from 1 to 3 m.  
 Fastening accessories included with the profiles.  
 90° corners available in the same plane (symmetrical element for left and right corners).  
 The inner part of the profile is always supplied in black.

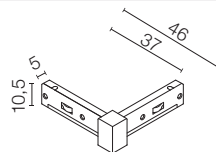


L: 1 m / 1,5 m / 2m / 2,5m / 3 m

- L: 1000 mm
  - 06.6010.40
  - 06.6010.14
- L: 1500 mm
  - 06.6011.40
  - 06.6011.14
- L: 2000 mm
  - 06.6012.40
  - 06.6012.14
- L: 2500 mm
  - 06.6013.40
  - 06.6013.14
- L: 3000 mm
  - 06.6014.40
  - 06.6014.14

Angolo 90°.  
 Collegamento elettrico/meccanico.  
 Non alimentabile. Gli apparecchi non possono essere montati sugli angoli.

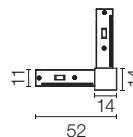
90° Corner.  
 Electrical/mechanical connection.  
 Non-feedable. Luminaires cannot be located on corners.



- 06.6031.40
- 06.6031.14

Angolo interno.  
 Collegamento elettrico/meccanico.  
 Non alimentabile. Gli apparecchi non possono essere montati sugli angoli.

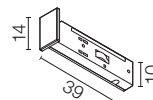
Inner corner.  
 Electrical/mechanical connection.  
 Non-feedable. Luminaires cannot be located on corners.



- 06.6033.40
- 06.6033.14

Connettore di alimentazione.  
 Cavo da 2m incluso.  
 Collegamento elettrico. Gli apparecchi non possono essere montati sul connettore.

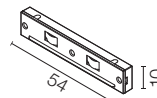
Feed connector.  
 2m cable included.  
 Electrical connection. Luminaires cannot be located in the connector.



- 06.6034.40
- 06.6034.14

Connettore intermedio.  
 Collegamento elettrico. Gli apparecchi non possono essere montati sul connettore.

Intermediate connector.  
 Electrical connection. Luminaires cannot be located in the connector.



- 06.6035.14

Terminale di chiusura. Kit di 1 unità.

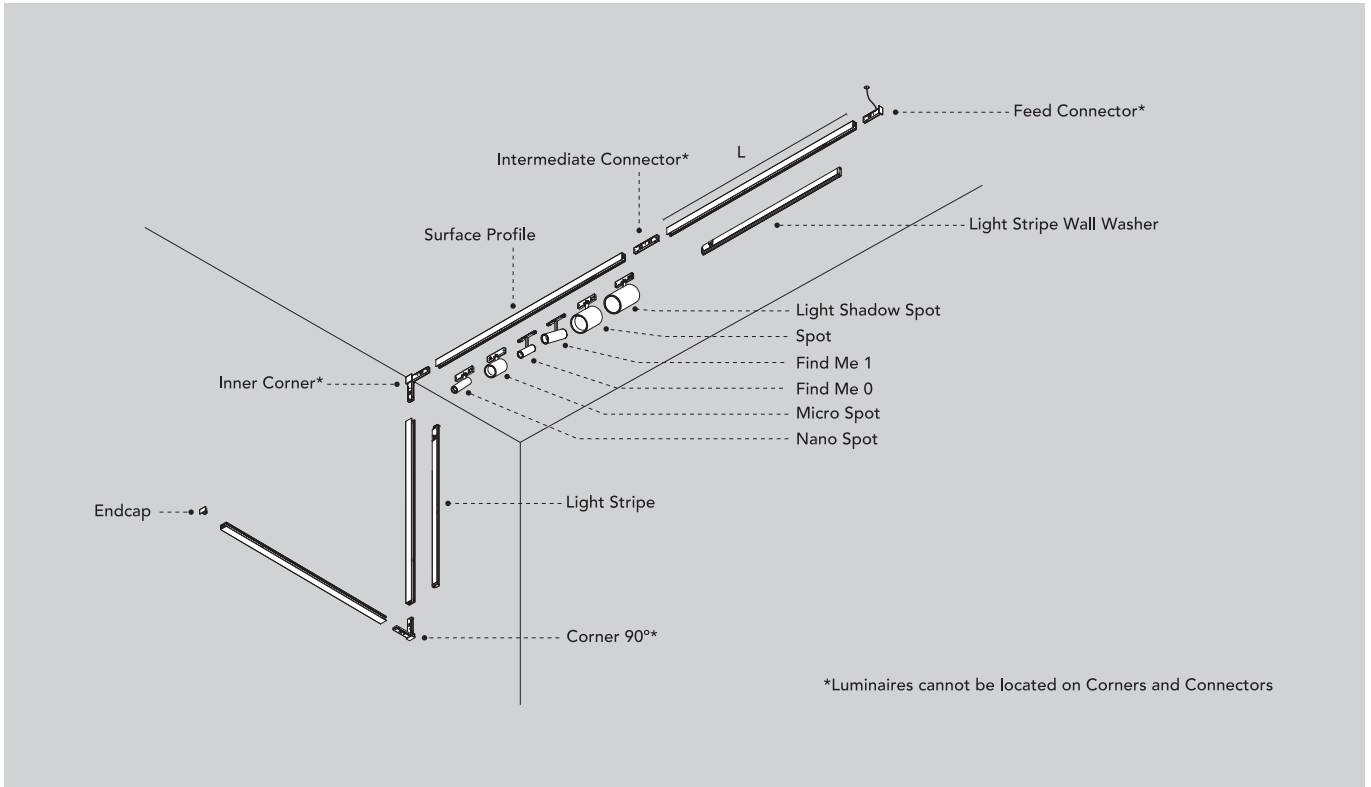
End cap. 1 unit kit.



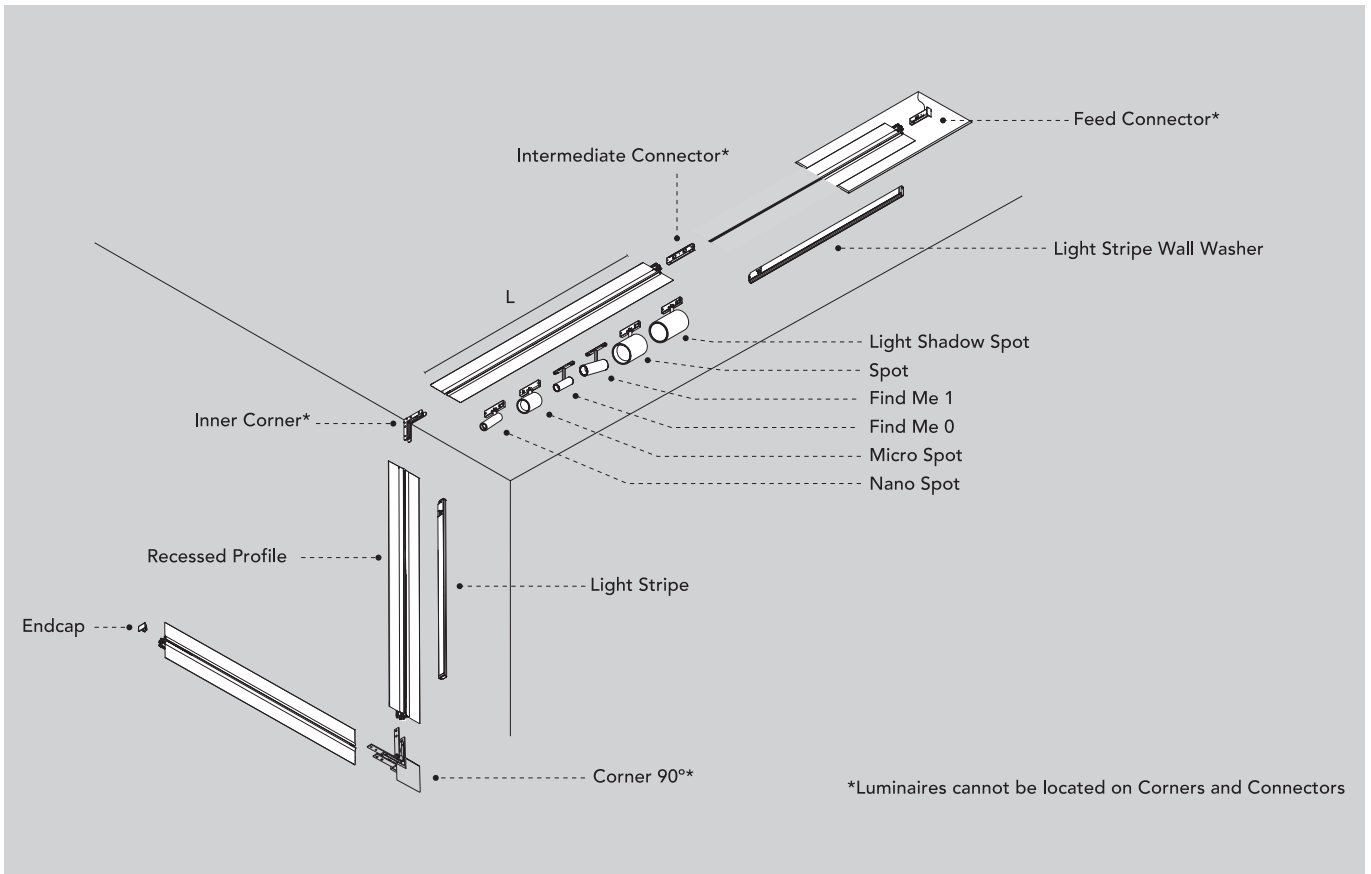
- 06.6036.40
- 06.6036.14

# THE MICRO RUNNING MAGNET – INSTALLATION PROFILES

## SURFACE INSTALLATION



## RECESSED INSTALLATION



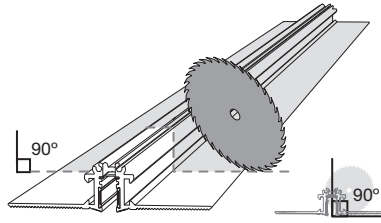
# THE MICRO RUNNING MAGNET – FAQ

## • Posso tagliare i profili?

Sì, i profili si possono tagliare in qualsiasi punto e la connessione elettrica può essere ripristinata grazie al connettore intermedio disponibile come accessorio.

## • Can I cut the profiles?

Yes. The profiles can be cut at any point and the electrical connection continued using the intermediate connector.



## • Posso installare un proiettore negli angoli o tra due profili?

No, i pezzi angolari non hanno spazio libero per alloggiare gli apparecchi, l'angolo e i giunti tra i profili contengono le connessioni elettriche, funzionando come connettori intermedi.

## • Can I place a spotlight in the corners or between two profiles?

No, the corner pieces have no free space for luminaires, the corner and the joints between profiles contain the electrical connections as intermediate connectors.

## • È possibile regolare l'intensità degli apparecchi individualmente?

No, utilizzando i driver consigliati è possibile dimmerare il sistema ma gli apparecchi saranno dimmerati sempre tutti insieme.

## • Can I dim the luminaires individually?

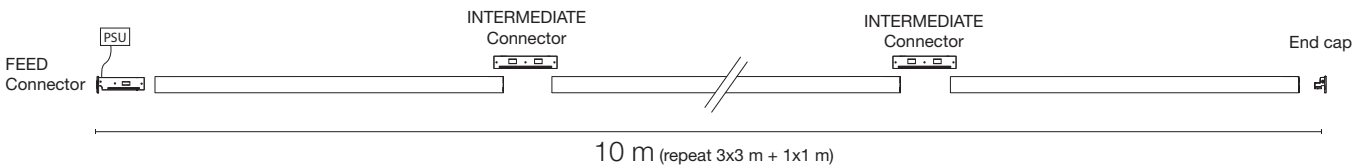
No. By using the recommended equipment, they can be adjusted, but all at once.

## • Qual è la lunghezza massima che si può alimentare in una struttura con un singolo driver?

La massima lunghezza alimentabile di un profilo è pari a 10 metri.

## • What is the maximum length that can be powered with one power supply on a structure?

The maximum length of a profile that can be powered with one power source is 10 metres.



## • È possibile alimentare la struttura da un modulo angolare o da un connettore intermedio?

No, gli angoli ed i connettori intermedi del sistema non sono alimentabili.

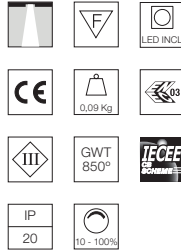
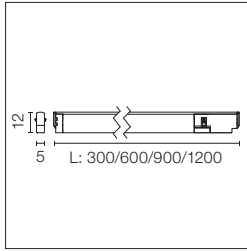
## • Can I power a structure from a corner or intermediate connector?

No. The corners and intermediate connector of this system cannot be powered.

# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Light Stripe Diffused

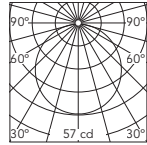
**Light Source:** Top LED 15W/m - 1440 lm/m - 2700K/CRI 90 / 15W/m - 1550 lm/m - 3000K/CRI 90 / 15W/m - 1660 lm/m - 4000K/CRI 90 / 15W/m - 1775 lm/m - 5000K/CRI 90



Modulo di illuminazione a LED con emissione di luce diffusa compatibile con The Micro Running System. Convertitore elettronico di corrente DC/DC integrato.

Diffused LED light module to be installed in The Micro Running Magnet System. Built-in DC/DC electronic voltage converter.

**2700K**  
L: 300 mm - 4,5W  
03.2260.14

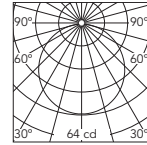


Beam Angle: 114°  
h(m) E(lx) D(m)

1	57	3.11
2	14	6.21
3	6	9.32
4	4	12.43
5	2	15.53

Luminous flux luminaire 205 lm

**3000K**  
L: 300 mm - 4,5W  
03.2261.14

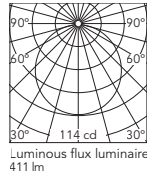


Beam Angle: 114°  
h(m) E(lx) D(m)

1	64	3.11
2	16	6.21
3	7	9.32
4	4	12.43
5	3	15.53

Luminous flux luminaire 230 lm

**2700K**  
L: 600 mm - 9W  
03.2264.14

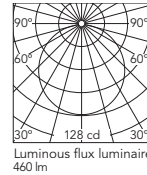


Beam Angle: 114°  
h(m) E(lx) D(m)

1	114	3.11
2	29	6.21
3	13	9.32
4	7	12.43
5	5	15.53

Luminous flux luminaire 411 lm

**3000K**  
L: 600 mm - 9W  
03.2265.14

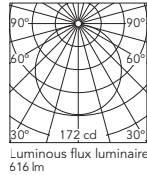


Beam Angle: 114°  
h(m) E(lx) D(m)

1	128	3.11
2	32	6.21
3	14	9.32
4	8	12.43
5	5	15.53

Luminous flux luminaire 460 lm

**2700K**  
L: 900 mm - 13,5W  
03.2268.14

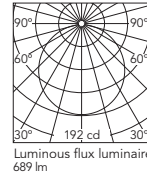


Beam Angle: 114°  
h(m) E(lx) D(m)

1	172	3.11
2	43	6.21
3	19	9.32
4	11	12.43
5	7	15.53

Luminous flux luminaire 616 lm

**3000K**  
L: 900 mm - 13,5W  
03.2269.14

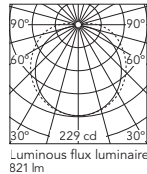


Beam Angle: 114°  
h(m) E(lx) D(m)

1	192	3.11
2	48	6.21
3	21	9.32
4	12	12.43
5	8	15.53

Luminous flux luminaire 689 lm

**2700K**  
L: 1200 mm - 18W  
03.2272.14

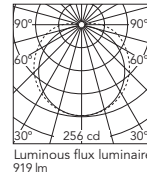


Beam Angle: 114°  
h(m) E(lx) D(m)

1	229	3.11
2	57	6.21
3	25	9.32
4	14	12.43
5	9	15.53

Luminous flux luminaire 821 lm

**3000K**  
L: 1200 mm - 18W  
03.2273.14

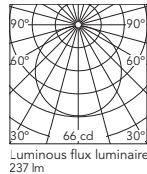


Beam Angle: 114°  
h(m) E(lx) D(m)

1	256	3.11
2	64	6.21
3	28	9.32
4	16	12.43
5	10	15.53

Luminous flux luminaire 919 lm

**4000K**  
L: 300 mm - 4,5W  
03.2262.14

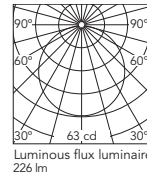


Beam Angle: 114°  
h(m) E(lx) D(m)

1	66	3.11
2	16	6.21
3	7	9.32
4	4	12.43
5	3	15.53

Luminous flux luminaire 237 lm

**5000K**  
L: 300 mm - 4,5W  
03.2263.14

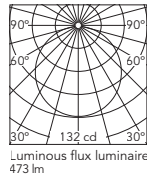


Beam Angle: 114°  
h(m) E(lx) D(m)

1	63	3.11
2	16	6.21
3	7	9.32
4	4	12.43
5	3	15.53

Luminous flux luminaire 226 lm

**4000K**  
L: 600 mm - 9W  
03.2266.14

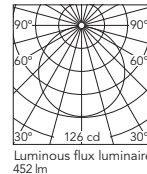


Beam Angle: 114°  
h(m) E(lx) D(m)

1	132	3.11
2	33	6.21
3	15	9.32
4	8	12.43
5	5	15.53

Luminous flux luminaire 473 lm

**5000K**  
L: 600 mm - 9W  
03.2267.14

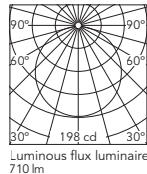


Beam Angle: 114°  
h(m) E(lx) D(m)

1	126	3.11
2	31	6.21
3	14	9.32
4	8	12.43
5	5	15.53

Luminous flux luminaire 452 lm

**4000K**  
L: 900 mm - 13,5W  
03.2270.14

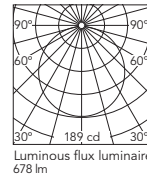


Beam Angle: 114°  
h(m) E(lx) D(m)

1	198	3.11
2	49	6.21
3	22	9.32
4	12	12.43
5	8	15.53

Luminous flux luminaire 710 lm

**5000K**  
L: 900 mm - 13,5W  
03.2271.14

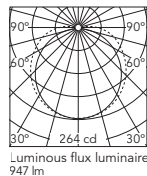


Beam Angle: 114°  
h(m) E(lx) D(m)

1	189	3.11
2	47	6.21
3	21	9.32
4	12	12.43
5	8	15.53

Luminous flux luminaire 678 lm

**4000K**  
L: 1200 mm - 18W  
03.2274.14

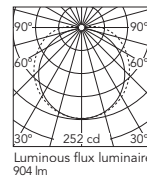


Beam Angle: 114°  
h(m) E(lx) D(m)

1	264	3.11
2	66	6.21
3	29	9.32
4	16	12.43
5	11	15.53

Luminous flux luminaire 947 lm

**5000K**  
L: 1200 mm - 18W  
03.2275.14



Beam Angle: 114°  
h(m) E(lx) D(m)

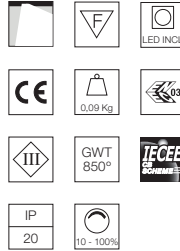
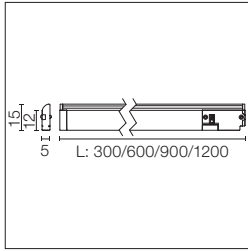
1	252	3.11
2	63	6.21
3	28	9.32
4	16	12.43
5	10	15.53

Luminous flux luminaire 904 lm

# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Light Stripe Wall-Washer

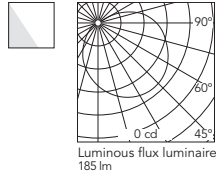
**Light Source:** Top LED 15W/m - 1440 lm/m - 2700K/CRI 90 / 15W/m - 1550 lm/m - 3000K/CRI 90 / 15W/m - 1660 lm/m - 4000K/CRI 90 / 15W/m - 1775 lm/m - 5000K/CRI 90



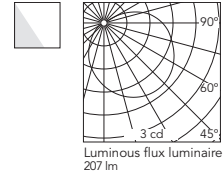
Modulo di illuminazione a LED con emissione asimmetrica wall-washer compatibile con The micro Running System. Convertitore elettronico di corrente DC/DC integrato.

Asymmetric wall-washer LED light module to be installed in The Micro Running Magnet System. Built-in DC/DC electronic voltage converter.

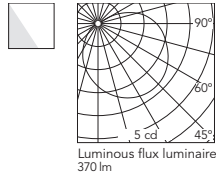
**2700K**  
L: 300 mm - 4,5W  
03.2280.14



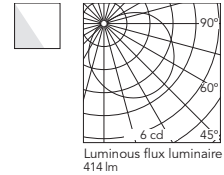
**3000K**  
L: 300 mm - 4,5W  
03.2281.14



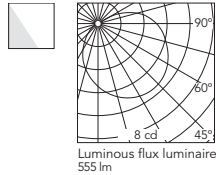
**2700K**  
L: 600 mm - 9W  
03.2284.14



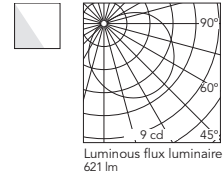
**3000K**  
L: 600 mm - 9W  
03.2285.14



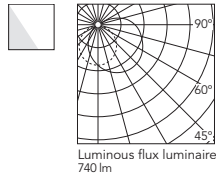
**2700K**  
L: 900 mm - 13,5W  
03.2288.14



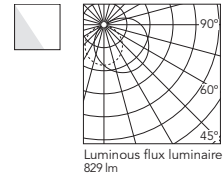
**3000K**  
L: 900 mm - 13,5W  
03.2289.14



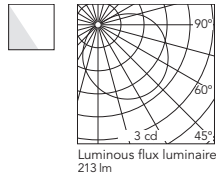
**2700K**  
L: 1200 mm - 18W  
03.2292.14



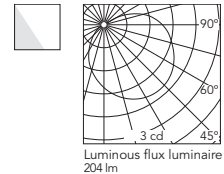
**3000K**  
L: 1200 mm - 18W  
03.2293.14



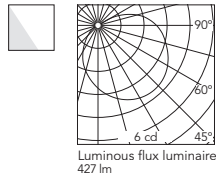
**4000K**  
L: 300 mm - 4,5W  
03.2282.14



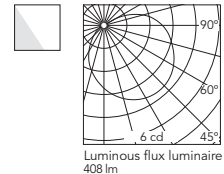
**5000K**  
L: 300 mm - 4,5W  
03.2283.14



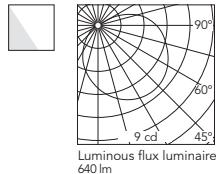
**4000K**  
L: 600 mm - 9W  
03.2286.14



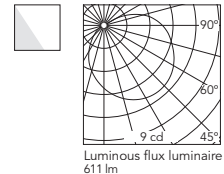
**5000K**  
L: 600 mm - 9W  
03.2287.14



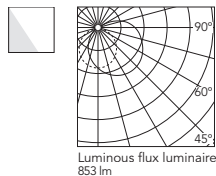
**4000K**  
L: 900 mm - 13,5W  
03.2290.14



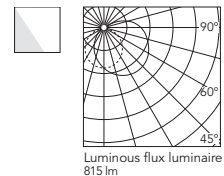
**5000K**  
L: 900 mm - 13,5W  
03.2291.14



**4000K**  
L: 1200 mm - 18W  
03.2294.14



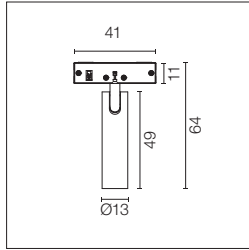
**5000K**  
L: 1200 mm - 18W  
03.2295.14



# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Nano Spot

Light Source: Power LED 2W - 165 lm - 2700K/CRI 90 / 2W - 170 lm - 3000K/CRI 90 / 2W - 185 lm - 4000K/CRI 90 / 2W - 200 lm - 5000K/CRI 90

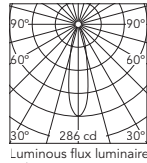


Modulo di illuminazione LED d'accento da installare nel sistema The Micro Running Magnet. Convertitore elettronico di corrente DC/DC integrato.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

### Optic Medium 2700K

03.2210.40A  
03.2210.14A



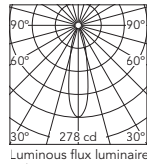
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	286	0.41
2	72	0.83
3	32	1.24
4	18	1.65
5	11	2.06

Luminous flux luminaire 73 lm

### 3000K

03.2211.40A  
03.2211.14A



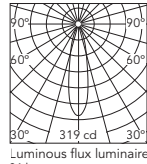
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	278	0.41
2	69	0.83
3	31	1.24
4	17	1.65
5	11	2.06

Luminous flux luminaire 70 lm

### 4000K

03.2212.40A  
03.2212.14A



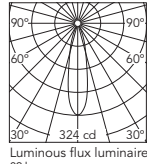
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	319	0.41
2	80	0.83
3	35	1.24
4	20	1.65
5	13	2.06

Luminous flux luminaire 81 lm

### 5000K

03.2213.40A  
03.2213.14A



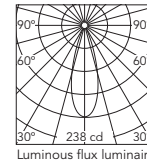
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	324	0.41
2	81	0.83
3	36	1.24
4	20	1.65
5	13	2.06

Luminous flux luminaire 82 lm

### Optic Flood 2700K

03.2215.40A  
03.2215.14A



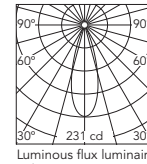
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	238	0.57
2	60	1.15
3	26	1.72
4	15	2.29
5	10	2.87

Luminous flux luminaire 77 lm

### 3000K

03.2216.40A  
03.2216.14A



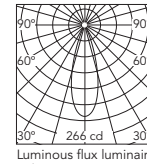
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	231	0.57
2	58	1.15
3	26	1.72
4	14	2.29
5	9	2.87

Luminous flux luminaire 75 lm

### 4000K

03.2217.40A  
03.2217.14A



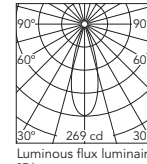
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	266	0.57
2	66	1.15
3	30	1.72
4	17	2.29
5	11	2.87

Luminous flux luminaire 86 lm

### 5000K

03.2218.40A  
03.2218.14A



Beam Angle: 32°

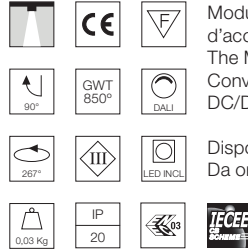
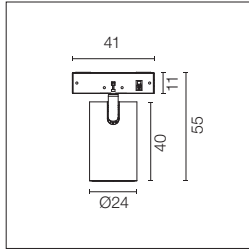
h(m)	E(lx)	D(m)
1	269	0.57
2	67	1.15
3	30	1.72
4	17	2.29
5	11	2.87

Luminous flux luminaire 87 lm

# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Micro Spot

**Light Source:** Power LED 3W - 275 lm - 2700K/CRI 90 / 3W - 295 lm - 3000K/CRI 90 / 3W - 315 lm - 4000K/CRI 90 / 3W - 335 lm - 5000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Micro Running Magnet. Convertitore elettronico di corrente DC/DC integrato.

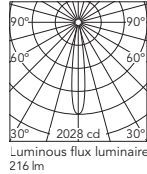
Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

Disponibile accessorio honeycomb. Da ordinare separatamente.

Honeycomb accessory available. Must be ordered separately.

### Optic Spot 2700K

- 03.2300.40A
- 03.2300.14A

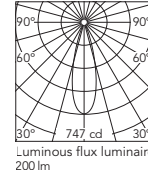


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	2028	0.27
2	507	0.54
3	225	0.82
4	127	1.09
5	81	1.36

### Optic Medium 2700K

- 03.2220.40A
- 03.2220.14A

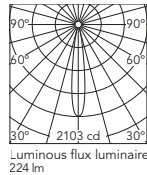


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	747	0.51
2	187	1.02
3	83	1.54
4	47	2.05
5	30	2.56

### 3000K

- 03.2301.40A
- 03.2301.14A

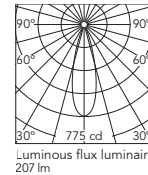


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	2103	0.27
2	526	0.54
3	234	0.82
4	131	1.09
5	84	1.36

### 3000K

- 03.2221.40A
- 03.2221.14A

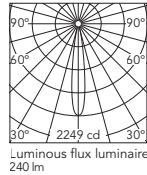


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	775	0.51
2	194	1.02
3	86	1.54
4	48	2.05
5	31	2.56

### 4000K

- 03.2302.40A
- 03.2302.14A

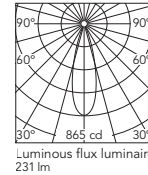


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	2249	0.27
2	562	0.54
3	250	0.82
4	141	1.09
5	90	1.36

### 4000K

- 03.2222.40A
- 03.2222.14A

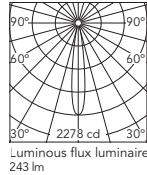


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	865	0.51
2	216	1.02
3	96	1.54
4	54	2.05
5	35	2.56

### 5000K

- 03.2303.40A
- 03.2303.14A

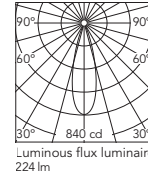


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	2278	0.27
2	570	0.54
3	253	0.82
4	142	1.09
5	91	1.36

### 5000K

- 03.2223.40A
- 03.2223.14A

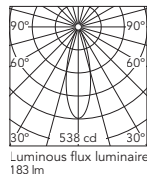


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	840	0.51
2	210	1.02
3	93	1.54
4	52	2.05
5	34	2.56

### Optic Flood 2700K

- 03.2225.40A
- 03.2225.14A

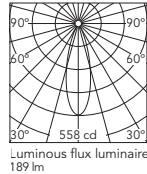


Beam Angle: 31°

h(m)	E(lx)	D(m)
1	538	0.54
2	134	1.09
3	60	1.63
4	34	2.17
5	22	2.72

### 3000K

- 03.2226.40A
- 03.2226.14A

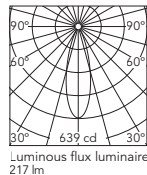


Beam Angle: 31°

h(m)	E(lx)	D(m)
1	558	0.54
2	139	1.09
3	62	1.63
4	35	2.17
5	22	2.72

### 4000K

- 03.2227.40A
- 03.2227.14A

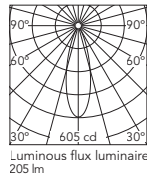


Beam Angle: 31°

h(m)	E(lx)	D(m)
1	639	0.54
2	160	1.09
3	71	1.63
4	40	2.17
5	26	2.72

### 5000K

- 03.2228.40A
- 03.2228.14A



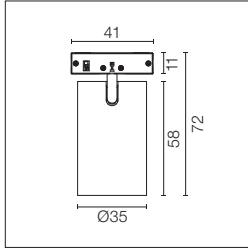
Beam Angle: 31°

h(m)	E(lx)	D(m)
1	605	0.54
2	151	1.09
3	67	1.63
4	38	2.17
5	24	2.72

# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Spot

**Light Source:** Power LED 6W - 545 lm - 2700K/CRI 90 / 6W - 585 lm - 3000K/CRI 90 / 6W - 625 lm - 4000K/CRI 90 / 6W - 665 lm - 5000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Micro Running Magnet. Convertitore elettronico di corrente DC/DC integrato.

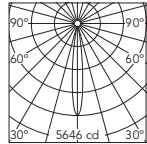
Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

Disponibile accessorio honeycomb. Da ordinare separatamente.

Honeycomb accessory available. Must be ordered separately.

### Optic Spot 2700K

03.2230.40A  
03.2230.14A



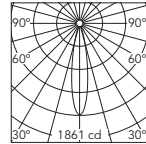
Beam Angle: 13°

h(m)	E(lx)	D(m)
1	5646	0.23
2	1411	0.45
3	627	0.68
4	353	0.90
5	226	1.13

Luminous flux luminaire 340 lm

### Optic Medium 2700K

03.2235.40A  
03.2235.14A



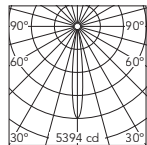
Beam Angle: 20°

h(m)	E(lx)	D(m)
1	1861	0.35
2	465	0.71
3	207	1.06
4	116	1.41
5	74	1.77

Luminous flux luminaire 315 lm

### 3000K

03.2231.40A  
03.2231.14A



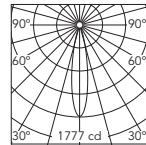
Beam Angle: 13°

h(m)	E(lx)	D(m)
1	5394	0.23
2	1349	0.45
3	599	0.68
4	337	0.90
5	216	1.13

Luminous flux luminaire 324 lm

### 3000K

03.2236.40A  
03.2236.14A



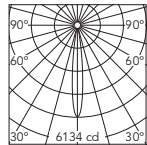
Beam Angle: 20°

h(m)	E(lx)	D(m)
1	1777	0.35
2	444	0.71
3	197	1.06
4	111	1.41
5	71	1.77

Luminous flux luminaire 301 lm

### 4000K

03.2232.40A  
03.2232.14A



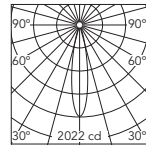
Beam Angle: 13°

h(m)	E(lx)	D(m)
1	6134	0.23
2	1534	0.45
3	682	0.68
4	383	0.90
5	245	1.13

Luminous flux luminaire 369 lm

### 4000K

03.2237.40A  
03.2237.14A



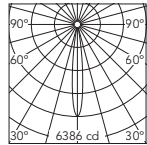
Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2022	0.35
2	505	0.71
3	225	1.06
4	126	1.41
5	81	1.77

Luminous flux luminaire 342 lm

### 5000K

03.2233.40A  
03.2233.14A



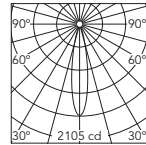
Beam Angle: 13°

h(m)	E(lx)	D(m)
1	6386	0.23
2	1597	0.45
3	710	0.68
4	399	0.90
5	255	1.13

Luminous flux luminaire 384 lm

### 5000K

03.2238.40A  
03.2238.14A



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2105	0.35
2	526	0.71
3	234	1.06
4	132	1.41
5	84	1.77

Luminous flux luminaire 356 lm

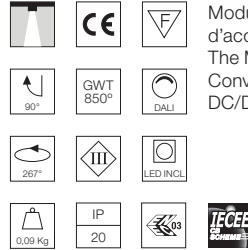
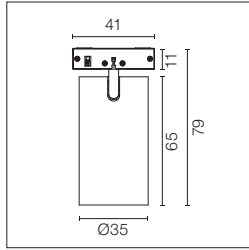




# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Light Shadow Spot Ø30

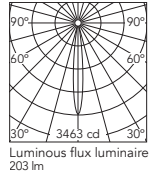
Light Source: Power LED 3W - 270 lm - 2700K/CRI 90 / 3W - 285 lm - 3000K/CRI 90 / 3W - 300 lm - 4000K/CRI 90 / 3W - 320 lm - 5000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Micro Running Magnet. Convertitore elettronico di corrente DC/DC integrato.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.

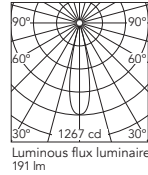
**Optic Spot 2700K**  
03.2240.40  
03.2240.14



Beam Angle: 12°			
h(m)	E(lx)	D(m)	
1	3463	0.21	
2	866	0.42	
3	385	0.63	
4	216	0.84	
5	139	1.05	

Luminous flux luminaire 203 lm

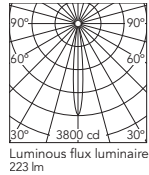
**Optic Medium 2700K**  
03.2245.40  
03.2245.14



Beam Angle: 23°			
h(m)	E(lx)	D(m)	
1	1267	0.40	
2	317	0.80	
3	141	1.20	
4	79	1.60	
5	51	2.00	

Luminous flux luminaire 191 lm

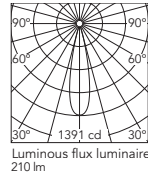
**3000K**  
03.2241.40  
03.2241.14



Beam Angle: 12°			
h(m)	E(lx)	D(m)	
1	3800	0.21	
2	950	0.42	
3	422	0.63	
4	237	0.84	
5	152	1.05	

Luminous flux luminaire 223 lm

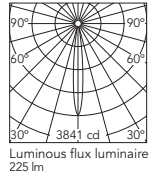
**3000K**  
03.2246.40  
03.2246.14



Beam Angle: 23°			
h(m)	E(lx)	D(m)	
1	1391	0.40	
2	348	0.80	
3	155	1.20	
4	87	1.60	
5	56	2.00	

Luminous flux luminaire 210 lm

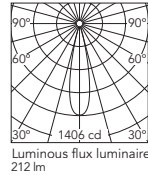
**4000K**  
03.2242.40  
03.2242.14



Beam Angle: 12°			
h(m)	E(lx)	D(m)	
1	3841	0.21	
2	960	0.42	
3	427	0.63	
4	240	0.84	
5	154	1.05	

Luminous flux luminaire 225 lm

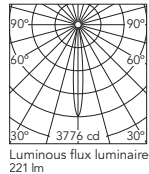
**4000K**  
03.2247.40  
03.2247.14



Beam Angle: 23°			
h(m)	E(lx)	D(m)	
1	1406	0.40	
2	351	0.80	
3	156	1.20	
4	88	1.60	
5	56	2.00	

Luminous flux luminaire 212 lm

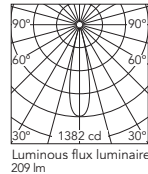
**5000K**  
03.2243.40  
03.2243.14



Beam Angle: 12°			
h(m)	E(lx)	D(m)	
1	3776	0.21	
2	944	0.42	
3	420	0.63	
4	236	0.84	
5	151	1.05	

Luminous flux luminaire 221 lm

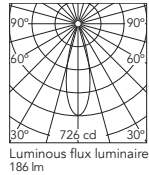
**5000K**  
03.2248.40  
03.2248.14



Beam Angle: 23°			
h(m)	E(lx)	D(m)	
1	1382	0.40	
2	345	0.80	
3	154	1.20	
4	86	1.60	
5	55	2.00	

Luminous flux luminaire 209 lm

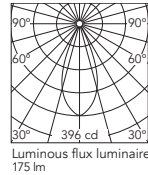
**Optic Flood 2700K**  
03.2250.40  
03.2250.14



Beam Angle: 29°			
h(m)	E(lx)	D(m)	
1	726	0.51	
2	182	1.03	
3	81	1.54	
4	45	2.05	
5	29	2.57	

Luminous flux luminaire 186 lm

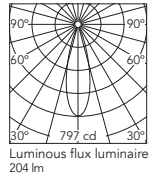
**Optic Wide Flood 2700K**  
03.2255.40  
03.2255.14



Beam Angle: 42°			
h(m)	E(lx)	D(m)	
1	396	0.77	
2	99	1.53	
3	44	2.30	
4	25	3.07	
5	16	3.83	

Luminous flux luminaire 175 lm

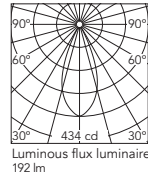
**3000K**  
03.2251.40  
03.2251.14



Beam Angle: 29°			
h(m)	E(lx)	D(m)	
1	797	0.51	
2	199	1.03	
3	89	1.54	
4	50	2.05	
5	32	2.57	

Luminous flux luminaire 204 lm

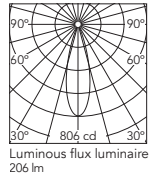
**3000K**  
03.2256.40  
03.2256.14



Beam Angle: 42°			
h(m)	E(lx)	D(m)	
1	434	0.77	
2	108	1.53	
3	48	2.30	
4	27	3.07	
5	17	3.83	

Luminous flux luminaire 192 lm

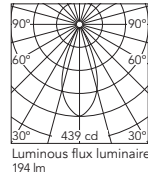
**4000K**  
03.2252.40  
03.2252.14



Beam Angle: 29°			
h(m)	E(lx)	D(m)	
1	806	0.51	
2	201	1.03	
3	90	1.54	
4	50	2.05	
5	32	2.57	

Luminous flux luminaire 206 lm

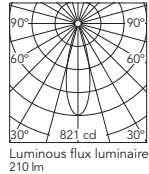
**4000K**  
03.2257.40  
03.2257.14



Beam Angle: 42°			
h(m)	E(lx)	D(m)	
1	439	0.77	
2	110	1.53	
3	49	2.30	
4	27	3.07	
5	18	3.83	

Luminous flux luminaire 194 lm

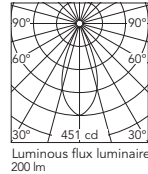
**5000K**  
03.2253.40  
03.2253.14



Beam Angle: 29°			
h(m)	E(lx)	D(m)	
1	821	0.51	
2	205	1.03	
3	91	1.54	
4	51	2.05	
5	33	2.57	

Luminous flux luminaire 210 lm

**5000K**  
03.2258.40  
03.2258.14



Beam Angle: 42°			
h(m)	E(lx)	D(m)	
1	451	0.77	
2	113	1.53	
3	50	2.30	
4	28	3.07	
5	18	3.83	

Luminous flux luminaire 200 lm

# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Accessori / Accessories

### Light Shadow Spot Ø30

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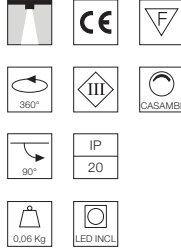
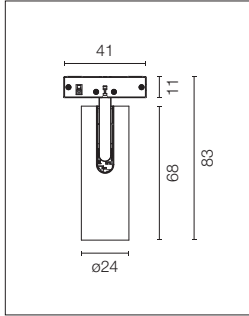
Pannello nido d'ape	Honeycomb		08.0790.00
Filtro bicromatico CCT	Dichroic CCT Filter	 	Increase 2700K >> 3125±75K 3000K >> 3600±75K 08.0791.00  Decrease 2700K >> 2450±75K 3000K >> 2700±75K 08.0792.00

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# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Find Me 0

Light Source: Power LED 3,5W - 249 lm - 2700K/CRI 90 / 3,5W - 270 lm - 3000K/CRI 90

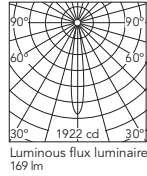


Modulo di illuminazione LED d'accento, installabile sul sistema Micro Running Magnet. Convertitore elettronico DC/DC incorporato. Casambi integrato per il controllo individuale degli apparecchi. Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Micro Running Magnet system. Incorporated DC/DC electronic converter. Casambi via Flos Control App to individually control the lights. Accessories included (honeycomb and screening crosspiece).

### Optic Spot 2700K

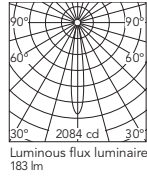
03.2322.40  
03.2322.14



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1922	0.26
2	481	0.52
3	214	0.77
4	120	1.03
5	77	1.29

Luminous flux luminaire  
169 lm



Beam Angle: 15°

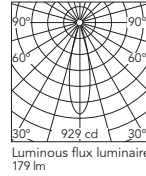
h(m)	E(lx)	D(m)
1	2084	0.26
2	521	0.52
3	232	0.77
4	130	1.03
5	83	1.29

Luminous flux luminaire  
183 lm

3000K  
03.2320.40  
03.2320.14

### Optic Medium 2700K

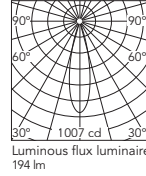
03.2323.40  
03.2323.14



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	929	0.45
2	232	0.89
3	103	1.34
4	58	1.79
5	37	2.23

Luminous flux luminaire  
179 lm



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1007	0.45
2	252	0.89
3	112	1.34
4	63	1.79
5	40	2.23

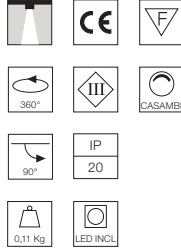
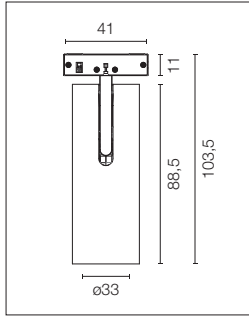
Luminous flux luminaire  
194 lm

3000K  
03.2321.40  
03.2321.14

# THE MICRO RUNNING MAGNET – LIGHT MODULES

## Find Me 1

**Light Source:** Power LED 5,5W - 446 lm - 2700K/CRI 90 / 5,5W - 463 lm - 3000K/CRI 90

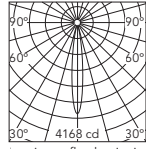


Modulo di illuminazione LED d'accento, installabile sul sistema Micro Running Magnet. Convertitore elettronico DC/DC incorporato. Casambi integrato per il controllo individuale degli apparecchi. Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

LED accent lighting module to be installed in the Micro Running Magnet system. Incorporated DC/DC electronic converter. Casambi via Flos Control App to individually control the lights. Accessories included (honeycomb and screening crosspiece).

### Optic Spot 2700K

03.2332.40  
03.2332.14



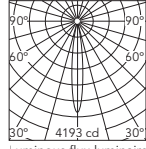
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4168	0.24
2	1042	0.48
3	463	0.72
4	261	0.95
5	167	1.19

Luminous flux luminaire 4168 cd  
309 lm

### 3000K

03.2330.40  
03.2330.14



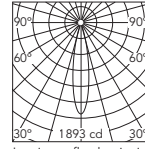
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4193	0.24
2	1048	0.49
3	466	0.73
4	262	0.97
5	168	1.21

Luminous flux luminaire 4193 cd  
314 lm

### Optic Medium 2700K

03.2333.40  
03.2333.14



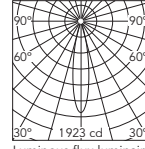
Beam Angle: 20°

h(m)	E(lx)	D(m)
1	1893	0.35
2	473	0.70
3	210	1.06
4	118	1.41
5	76	1.76

Luminous flux luminaire 1893 cd  
284 lm

### 3000K

03.2331.40  
03.2331.14



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	1923	0.35
2	481	0.70
3	214	1.06
4	120	1.41
5	77	1.76

Luminous flux luminaire 1923 cd  
289 lm

# THE MICRO RUNNING MAGNET

## Accessori / Accessories

### Micro Spot

Honeycomb. Honeycomb.  08.0190.14

### Spot

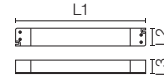
Honeycomb. Honeycomb.  08.0191.14

### Non Dimmable

Remote Installation

Fonte di alimentazione remota.  
Non regolabile. 220/240V.

Remote power supply.  
Non Dimmable. 220/240V.



120W - 220/240V  
L1: 300 - L2: 40 - L3: 30  
60.9516

120W - 220/240V  
L1: 268 - L2: 45 - L3: 31  
60.9777

100W - 220/240V  
L1: 295 - L2: 43 - L3: 30  
60.9443

60W - 220/240V  
L1: 180 - L2: 52 - L3: 30  
60.9515

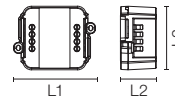
60W - 220/240V  
L1: 225 - L2: 43 - L3: 30  
60.9374

### Dimmer

Remote Installation

Centralina dimmerabile 12-24Vdc.  
È necessario driver, da ordinare separatamente.  
Intervallo di dimmerazione 20-100%.

Dimmable Control Unit 12-24Vdc.  
Requires driver. It must be ordered separately.  
Dimming range 20-100%.



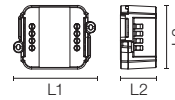
L1: 57 - L2: 19 - L3: 44

Max. 10A 0/1-10V - Push  
60.9394

Remote Installation

Sistema di dimmerizzazione Dali/  
Push di luce LED, per apparecchi da 12 24 o 48V. Non è compresa la fonte di alimentazione.  
Intervallo di dimmerazione 10-100%.  
120W@12Vdc / 240W@24Vdc / 480W@48Vdc /

Dimmable Control Unit 12-24-48Vdc.  
Requires driver. It must be ordered separately. Dimming range 10-100%. \*Power supply not included.  
Dimming range 10-100%.  
120W@12Vdc / 240W@24Vdc / 480W@48Vdc /



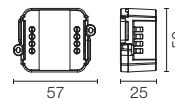
L1: 57 - L2: 25 - L3: 44,5

Max. 10A DALI - Push  
60.9677A

Remote Installation

Centralina dimmerabile 12-48V, 10A max. È necessario driver, da ordinare separatamente.

Dimmable Control Unit 12-48V, 10A max. Requires driver. It must be ordered separately.

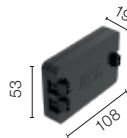


Max. 10A Casambi - Push  
60.9938

## Unità di controllo / Control Units

Gateway di regolazione wireless. Da 1-10V a Casambi. Per installazione remota. Vedi le specifiche del prodotto nel manuale Flos Control. Consigliato per fungere da gateway da Lutron a Casambi.

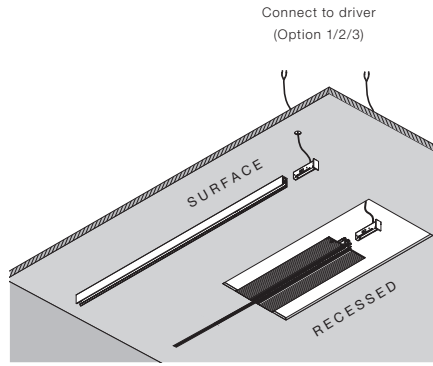
Wireless Dimmer Bridge. From 1-10V to Casambi. For remote installation. See product specifications in the Flos Control manual. Recommended to act as a gateway from Lutron to Casambi.



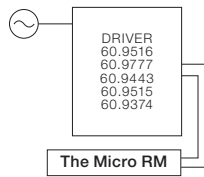
DIM 1-10V >> Casambi  
08.0824.14

# THE MICRO RUNNING MAGNET

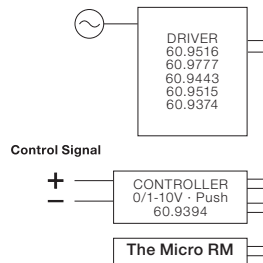
## Remote Driver Installations



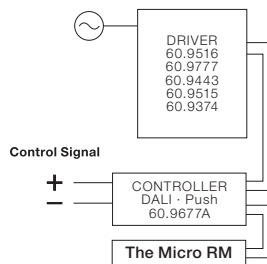
**No DIM / Casambi individual**



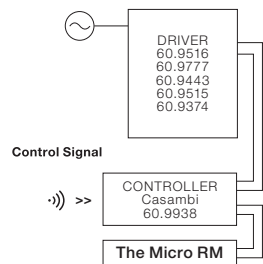
**0/1-10V · Push broadcast**



**DALI · Push broadcast**



**Casambi broadcast**



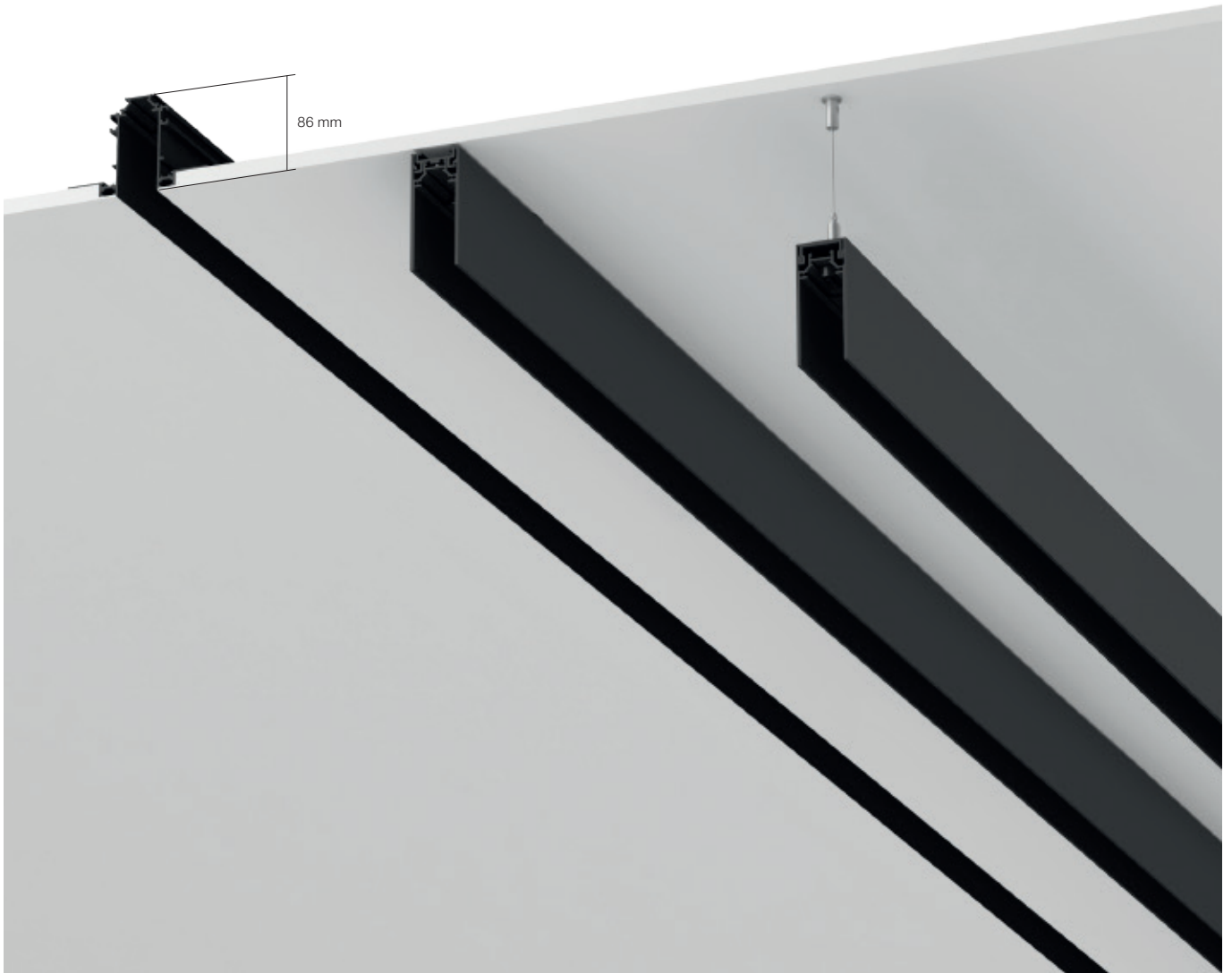
# THE RUNNING MAGNET


DESIGNED BY FLOS ARCHITECTURAL


RECESSED

SURFACE

SUSPENSION  
UP&DOWN / DOWN



Recessed Profiles  14 Nero  
14 Black

Surface/Suspension Profiles  14 Nero  
14 Black

 40 Bianco  
40 White



Light Stripe



Spot



Surface



Suspension



Recessed  
Flos Kit  
Installation



Recessed  
Conventional  
Installation



**Descrizione**

Innovativo sistema di illuminazione per interni per installazione a superficie, sospesa o ad incasso in pareti o soffitti in cartongesso; comprende profilati magnetici in cui si posizionano i moduli di illuminazione LED.

Tutti i profili strutturali del Running Magnet sono stati fabbricati con intelaiature in alluminio estruso in bianco e nero, provviste di piste elettriche in grafite alimentate a 24V, sulle quali si installano gli apparecchi d'illuminazione LED mediante un sistema di fissaggio magnetico.

La versione sospesa è anche disponibile per luce indiretta.

La famiglia The Running Magnet si completa con moduli di illuminazione ambiente e d'accento con diverse ottiche, oltre a una selezione di apparecchi di illuminazione decorativi estratti e adattati dalla FLOS Home Collection.

I moduli di illuminazione integrano un sistema di fissaggio magnetico che consente una mobilità e flessibilità completa. Tutti i moduli luce sono disponibili con potenziometro installato, con opzione dimmerabile DALI o Casambi.

**Controllo**

- Per la gestione mediante protocollo DALI è necessario collegare il bus dati di controllo direttamente al profilo.
- Per la gestione mediante Casambi (fino a 200 apparecchi) bisogna ordinare apparecchi in versione Casambi; questi sono compatibili con qualsiasi profilo del sistema. Necessaria app FLOS Control® powered by Casambi per dispositivi mobili (disponibile su Apple Store e Google Play).

**Unità di Alimentazione**

Alimentatore remoto a 24V non compreso.

**Accessori**

- Diverse lenti per Spot Module e Multi Spot 4.
- Anello esterno di schermatura per Spot Module.
- Lente ellittica, flood e schermo antiabbagliamento honeycomb per Anthony Spot track.
- Schermo antiabbagliamento honeycomb e filtro a croce inclusi in Spot 120.
- Light Shadow Spot include tra gli accessori lo schermo a nido d'ape. I filtri dicroici CCT non ne sono compresi.

**Informazioni Aggiuntive**

Installabile solo su superfici di cartongesso da 12,5 mm di spessore per la versione Recessed.

Il Running Magnet è un sistema elettrico alimentato a 24 V e limitato a una corrente massima di 8A e 185W per evitare sovraccarichi.

Ogni volta che si raggiungono i 185W si deve effettuare nuovamente la connessione tramite un profilo di alimentazione.

Nella versione Up&Down l'illuminazione indiretta e il binario elettromeccanico hanno alimentazioni indipendenti.

Grado di protezione IP20.

Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

**Conformità e Marchi di Qualità**

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

**Description**

Innovative lighting system for indoor use, for surface, suspended or recessed mounting on plasterboard walls or ceilings, comprising a series of magnetic tracks that house the LED lighting modules.

The profile of all The Running Magnet structural tracks is extruded aluminum, painted black or white, housing a graphite electric track fed at 24V, on which all magnetic luminaires are installed simply by insertion.

Suspended track is also available with the option of indirect lighting.

The Running Magnet family is completed with ambient lighting units and accent units with different optics, as well as a selection of decorative luminaires taken and adapted from FLOS Home Collection.

The lighting modules incorporate a magnetic mounting system for total mobility and flexibility. All light modules are available with on board potentiometer, DALI dimmable option and Casambi.

**Control**

- To manage using DALI protocol, it is necessary to connect the control data bus directly to the profile.
  - To manage using Casambi (Max. 200 luminaires) it is necessary to order fixtures in the Casambi version, these are compatible with all profiles available for the system.
- The app FLOS Control® powered by Casambi for mobile devices is also necessary (available on Apple Store and Google Play).

**Power Supply**

Remote 24V power supply not included.

**Accessories**

- Different lenses for Spot Module and Multi Spot 4.
- Screening external ring for Spot Module.
- Elliptical, flood lens and honeycomb for Anthony Spot Track.
- Honeycomb and crosspiece included in Spot 120.
- Light Shadow Spots has honeycomb accessories and CCT dichroic filters but they are not included.

**Additional Information**

The Recessed version can only be installed on 12.5 mm thick plasterboard surfaces.

The Running Magnet 2.0 is a 24V electrical system limited to a maximum power current of 8A and 185W to avoid overloads.

After every 185W make a new connection with a feed unit profile.

In the Up&Down version indirect illumination and the electromechanical track are powered independently.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

**Compliance of Standards and Quality Marks**

EN60598-1 European Technical Standards and any subsequent additions.

**FLOS**  
CONTROL BY CASAMBI



## LIGHT MODULES

## LIGHT STRIPE



**LIGHT SOURCE**  
TOP LED  
25W/m  
2060 lm/m  
2700K/CRI 90  
2178 lm/m  
3000K/CRI 90

LIGHT SHADOW  
SPOT 30

**LIGHT SOURCE**  
POWER LED  
4W  
257 lm  
2700K/CRI 90  
263 lm  
3000K/CRI 90

LIGHT SHADOW  
SPOT 45

**LIGHT SOURCE**  
LED ARRAY  
10W  
756 lm  
2700K/CRI 90  
799 lm  
3000K/CRI 90

## SPOT MODULE



**LIGHT SOURCE**  
POWER LED  
8W  
560 lm  
2700K/CRI 90  
600 lm  
3000K/CRI 90

## SPOT 120



**LIGHT SOURCE**  
POWER LED  
12,5W/14W DALI  
1003 lm  
2700K/CRI 90  
1002 lm  
3000K/CRI 90

ANTHONY SPOT  
TRACK

**LIGHT SOURCE**  
POWER LED  
14W  
1045 lm  
2700K/CRI 90  
1308 lm  
3000K/CRI 90

WORKMATES  
TRACK SMALL

COMING SOON

WORKMATES  
TRACK LARGE

COMING SOON

## LIGHT SHADOW



**LIGHT SOURCE**  
POWER LED  
10,8W  
4x270 lm  
2700K/CRI 90  
4x285 lm  
3000K/CRI 90

LIGHT SHADOW  
WALL-WASHER

**LIGHT SOURCE**  
POWER LED  
10,8W  
4x270 lm  
2700K/CRI 90  
4x285 lm  
3000K/CRI 90

## MULTI SPOT 4



**LIGHT SOURCE**  
POWER LED  
10W  
840 lm  
2700K/CRI 90  
896 lm  
3000K/CRI 90

## STRING LIGHT



**LIGHT SOURCE**  
POWER LED  
14W  
930 lm  
2700K/CRI 90  
930 lm  
3000K/CRI 90

## MINI GLO-BALL



**LIGHT SOURCE**  
POWER LED  
3,5/7W  
2700K/CRI 80  
3000K/CRI 80

FIND ME  
SUSPENSION

**LIGHT SOURCE**  
POWER LED  
8W  
560 lm  
2700K/CRI 90  
600 lm  
3000K/CRI 90

MULTIFUNCTION  
SMART DEVICE

**FLOS CONTROL®**  
by Casambi

# THE RUNNING MAGNET

## Light Stripe, Spot Module, Multi Spot 4, String Lights, Mini Glo-Ball

- 14 Nero  
14 Black



## Light Shadow Spot

- 40 Bianco  
40 White
- 14 Nero  
14 Black
- EQ Rame Spazzolato  
EQ Brushed Copper
- ER Acciaio Spazzolato  
ER Brushed Steel
- ES Bronzo Spazzolato  
ES Brushed Bronze



## Workmates Track

- All White  
All White
- Bianco  
White
- Nero  
Black
- Anodized Silver  
Anodized Silver



## Light Shadow

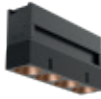
- Bianco  
White



HIGH COMFORT

- Nero  
Black

- Rame  
Copper



- Acciaio  
Steel



- Bronzo  
Bronze



- Bianco  
White



HIGH COMFORT

- Nero  
Black

- Rame  
Copper



- Acciaio  
Steel

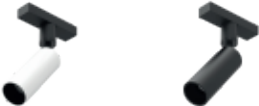


- Bronzo  
Bronze



## Spot 120

- 40 Bianco  
40 White
- 14 Nero  
14 Black



## Light Shadow Wall-Washer

- 40 Bianco  
40 White
- 14 Nero  
14 Black



## Anthony Spot Track

- 40 Bianco  
40 White
- 14 Nero  
14 Black



## Find Me Suspension

- 40 Bianco  
40 White
- 05 Acciaio Spazzolato  
05 Brushed Steel
- 14 Nero  
14 Black



## Multifunction Smart Device

- 40 Bianco  
40 White
- 14 Nero  
14 Black



**1 CHOOSE YOUR PROFILE AND LENGTH**

**RECESSED PROFILE**



L: 1 / 1,5 / 2 / 2,5 / 3 m

**2 COMPLETE WITH MOUNTING ACCESSORIES**

**End cap**



Included with feed profile

**90° Corner**



Electrical / mechanical joint

**Inner corner**



Electrical / mechanical joint

**Outer corner**



Electrical / mechanical joint

**Accessories**

Fixed ceiling kit

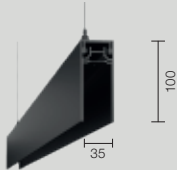
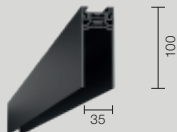


Adjustable ceiling kit



or

**SURFACE / SUSPENSION DOWN PROFILE**



L: 1 / 1,5 / 2 / 2,5 / 3 m

**Surface**

**Inner corner**



Electrical / mechanical joint

**Surface / Suspension Down**

**End cap**



Included with feed profile

**90° Corner**



Electrical / mechanical joint

**Suspension Down**

**Corner 90° Grid**



**T-Joint**



**X-Joint**



Electrical / mechanical joint

**Surface Accessories**

Fixed ceiling kit  
(Included)



**Suspension Accessories**

Suspension kit  
(Included)



+

Surface rose  
(not Included)

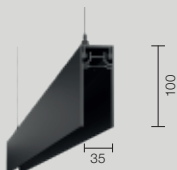


or

Recessed rose  
(not Included)



**SUSPENSION UP&DOWN PROFILE**



L: 1 / 1,5 / 2 / 2,5 / 3 m

**End cap**



Included with feed profile

**90° Corner**



Electrical / mechanical joint

**Suspension Accessories**

Suspension kit  
(Included)



+

Surface rose  
(not Included)



or

Recessed rose  
(not Included)



**3 SELECT POWER SUPPLY AND CONTROL OPTION**

(select the driver with the appropriate power according to the needs of your project)

**Remote power supply**

Profiles: Recessed, Surface, Suspension Down



60W

120W

200W

**Remote power supply**

Profile: Suspension Up & Down

**Down**

Non Dimmable / Casambi / DALI



60W

120W

200W

**Up**



60W

or



120W

or



200W

Casambi

**Surface power supply**

Profile: Suspension Down / Up & Down



185W

Non Dimmable / Casambi\*

\*(only light modules, up light no dim)



185W

DALI

(Up&Down Dimming synchronized)

**4 SELECT A LIGHT MODULE AND CONTROL OPTION**

Non Dimmable / Dali / Casambi

**Light Stripe**



General lighting

**Light Shadow Spot 30**



S/M/F/WF

**Light Shadow Spot 45**



S/M/F

**Spot Module**



S

**Spot 120**



S

**Anthony Spot Track**



S/M

**Multi Spot 4**



S/M

**Light Shadow**



S/M/F/WF

**Light Shadow W-W**



Wall - Washer

**Workmates Track Small**



WF/O

**Workmates Track Large**



WF/O

**String Light**



**Mini Glo-Ball**



General lighting

**Find Me Suspension**



General lighting

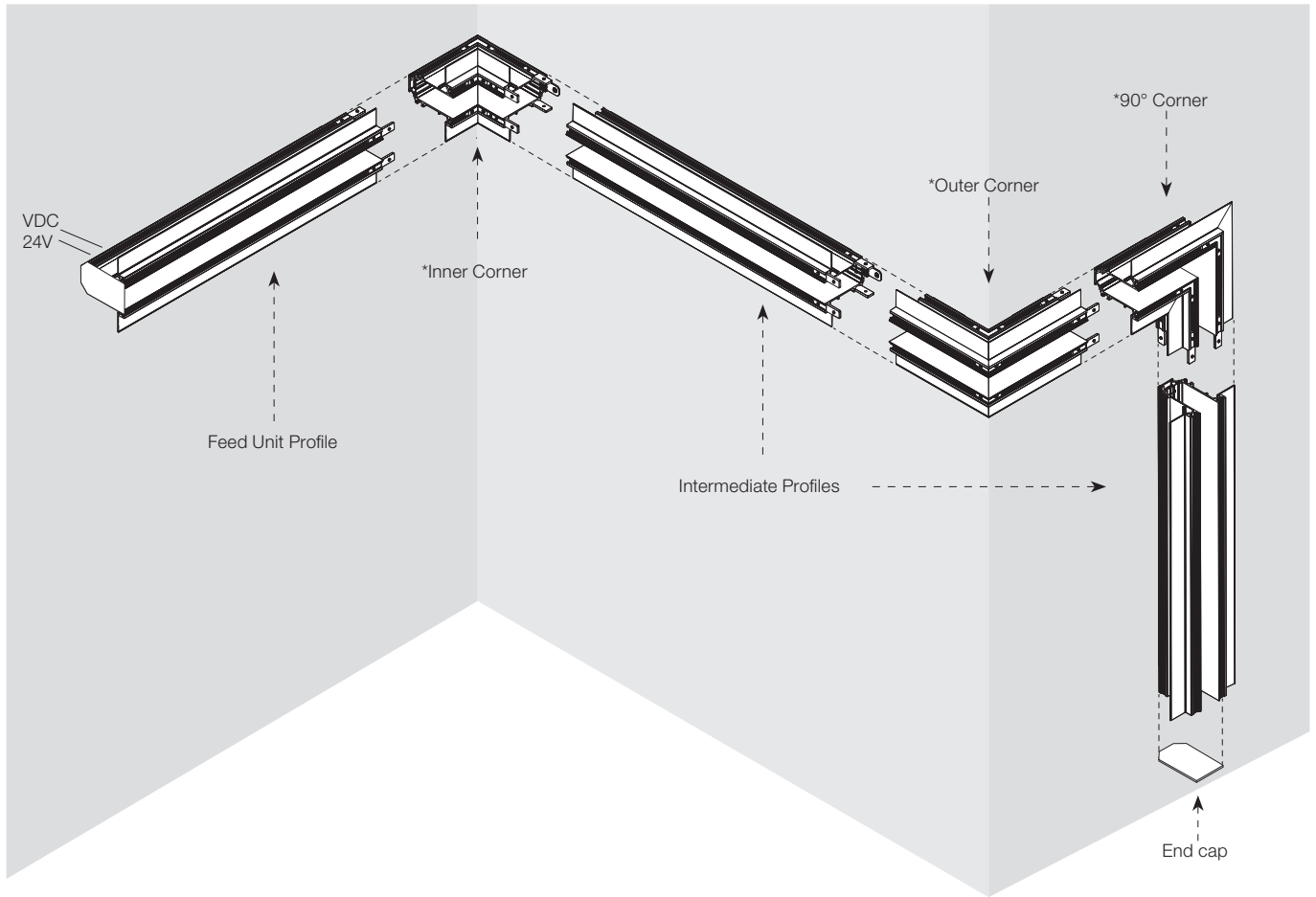
**Multifunction Smart Device**

FLOS Control® by Casambi



# THE RUNNING MAGNET RECESSED – PROFILES

## RECESSED INSTALLATION



\*Angoli Alimentabili / Corners can be powered.

### Profili

Binario elettromeccanico per installazioni a incasso su soffitti/pareti in cartongesso.

Binari lineari disponibili in due versioni: profili di alimentazione per collegamento a driver, e profili intermedi. Entrambe le versioni con lunghezze da 1 m a 3 m. Calotte comprese nei profili di alimentazione.

Disponibili angoli a 90° sul medesimo piano (elemento simmetrico per angoli sinistro e destro), angoli simmetrici a 90° su piano diverso all'interno e all'esterno. Predisposti per collegamento a driver.

Kit di fissaggio, fissi o regolabili, disponibili (opzionale). I kit di fissaggio a soffitto consentono l'installazione senza la necessità di profili di fissaggio in alluminio. Consigliato per impianti in cui si può installare il profilo Running Magnet prima del controsoffitto in cartongesso.

### Profiles

Electromechanical profile for recessed installation in plasterboard ceilings and walls.

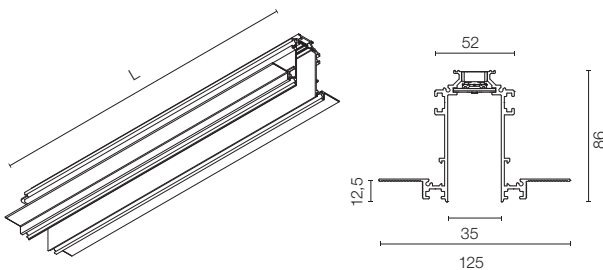
Linear profiles available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1 m to 3 m. Covers included with the power feed profiles.

90° corners available in the same plane (symmetrical element for left and right corners), symmetrical 90° inner and outer corners in different planes.

For connection to the driver.

Permanent or adjustable fastening kits available (optional). The fastening kits for the roof permit installing without using aluminum fastening profiles.

Recommended for installations where the Running Magnet can be installed before the suspended plasterboard ceiling.



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

#### Feed Unit Profiles

L: 1000 mm

■ 06.1638.14

L: 1500 mm

■ 06.1639.14

L: 2000 mm

■ 06.1640.14

L: 2500 mm

■ 06.1641.14

L: 3000 mm

■ 06.1642.14

#### Intermediate Profiles

L: 1000 mm

■ 06.1643.14

L: 1500 mm

■ 06.1644.14

L: 2000 mm

■ 06.1645.14

L: 2500 mm

■ 06.1646.14

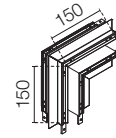
L: 3000 mm

■ 06.1647.14

# THE RUNNING MAGNET RECESSED – PROFILES

Angolo 90°.  
Alimentabile.

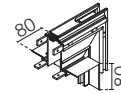
90° Corner.  
Can be powered.



06.1648.14

Angolo interno.  
Alimentabile.

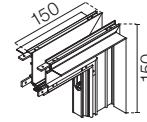
Inner corner.  
Can be powered.



06.1650.14

Angolo esterno.  
Alimentabile.

Outer corner.  
Can be powered.



06.1651.14

I terminali di chiusura sono inclusi in tutti i profili di alimentazione. Si devono ordinare separatamente solo se l'impianto è composto esclusivamente da profili intermedi e alimentato agli angoli.

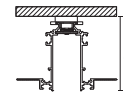
End caps come complete with all the feed unit profiles. These should only be ordered separately if the installation is exclusively composed of intermediate profiles and fed by corners.



08.8865.14A

Kit di fissaggio a soffitto fisso (opzionale). Kit da 2 unità.

Fixed ceiling kit (optional). 2 unit kit.

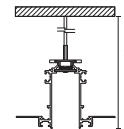


08.8866.14

Profile (mm)	Fixation points	Ceiling Kit to order
1000 / 1500	2	1
2000 / 2500	3	2
3000	4	2

Kit di fissaggio a soffitto regolabile (opzionale). Kit da 2 unità.

Adjustable ceiling kit (optional). 2 unit kit.



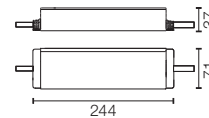
08.8867.14

Profile (mm)	Fixation points	Ceiling Kit to order
1000 / 1500	2	1
2000 / 2500	3	2
3000	4	2

## Driver / Drivers

Alimentatore LED per installazione remota in quadro elettrico 24V/200W. Per evitare problemi di sovraccarico si consiglia di installare un alimentatore indipendente ogni 185W. 100/240V.

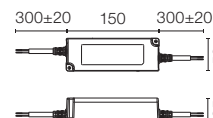
LED power supply source for remote installation in 24V/200W electric control panel. To avoid problems of overload it is recommended to install a power source every 185W. 100/240V.



RF28143

Trasformatore elettronico per LED a tensione costante (24V). 100/240V.

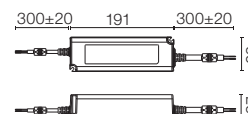
Electronic transformer with constant voltage (24V) for LED. 100/240V.



60W  
60.9089

Trasformatore elettronico per LED a tensione costante (24V). 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.

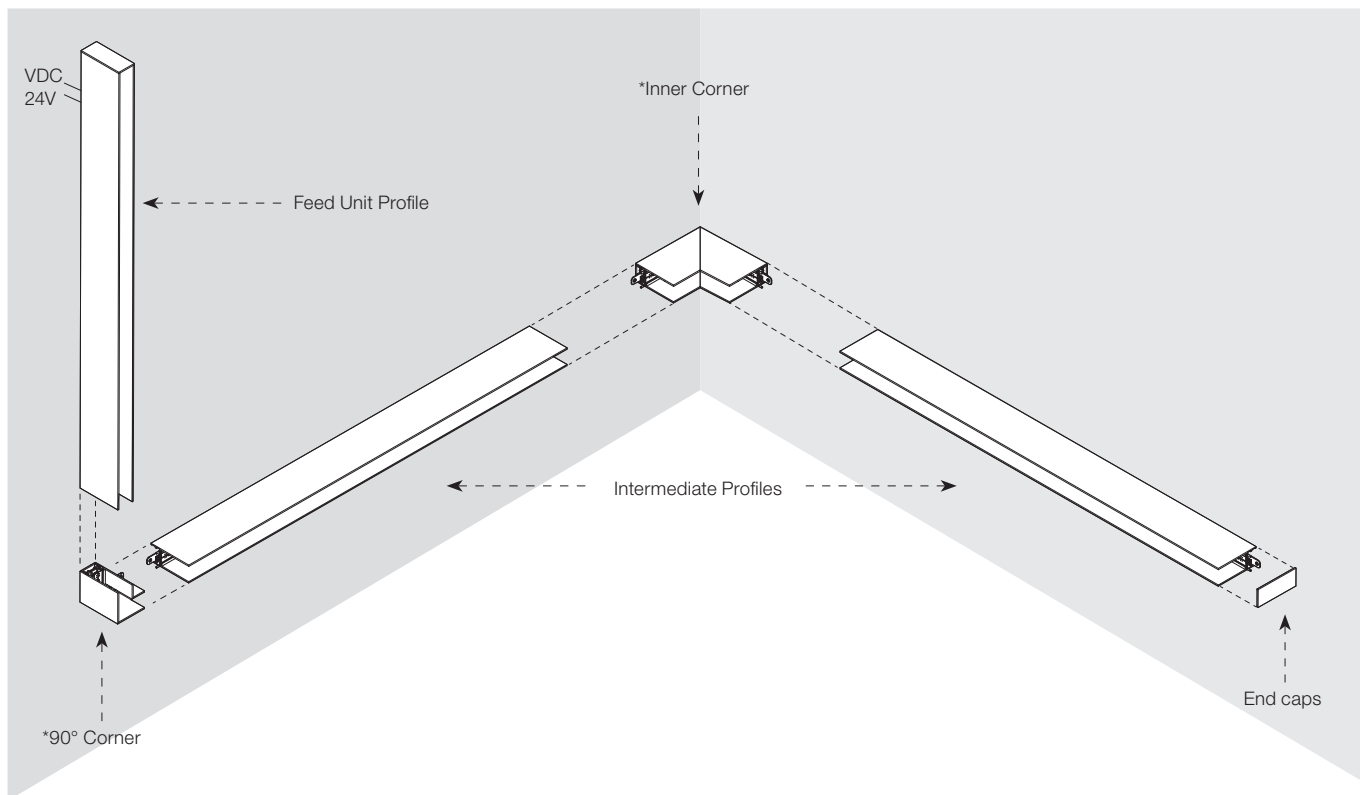


120W  
RF28688

Per il dimensionamento dell'impianto, mantenere un margine di sicurezza di circa il 15% della potenza massima dell'alimentatore LED / For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

# THE RUNNING MAGNET SURFACE – PROFILES

## SURFACE INSTALLATION



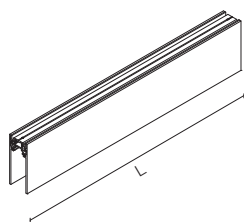
\*Angoli Alimentabili / Corners can be powered.

### Profili

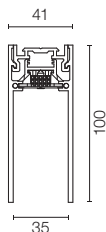
Binario elettromeccanico per installazioni a superficie.  
 Binari lineari disponibili in due versioni: profili di alimentazione per collegamento a driver, e profili intermedi. Entrambe le versioni con lunghezze da 1 m a 3 m.  
 Calotte comprese nei profili di alimentazione. Accessori di fissaggio inclusi in tutti i prodotti.  
 Disponibili angoli a 90° sul medesimo piano (elemento simmetrico per angoli sinistro e destro), e angoli simmetrici a 90° su piano diverso all'interno, comuni in versioni Surface e Down. Predisposti per collegamento a driver. La parte interna del profilo è fornita sempre in nero.

### Profiles

Electromechanical profile for surface-mounting.  
 Linear profiles available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1 m to 3 m.  
 Covers included with the power feed profiles. Attachment accessories included with all products.  
 90° corners available in the same plane (symmetrical element for left and right corner) and 90° symmetrical internal corners in a different plane, for the Surface and Down versions. For connection to the driver. The inner part of the profile is always supplied in black.



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m



#### Feed Unit Profiles

- L: 1000 mm
- 06.1600.40
- 06.1600.14
- L: 1500 mm
- 06.1601.40
- 06.1601.14
- L: 2000 mm
- 06.1602.40
- 06.1602.14
- L: 2500 mm
- 06.1603.40
- 06.1603.14
- L: 3000 mm
- 06.1604.40
- 06.1604.14

#### Intermediate Profiles

- L: 1000 mm
- 06.1605.40
- 06.1605.14
- L: 1500 mm
- 06.1606.40
- 06.1606.14
- L: 2000 mm
- 06.1607.40
- 06.1607.14
- L: 2500 mm
- 06.1608.40
- 06.1608.14
- L: 3000 mm
- 06.1609.40
- 06.1609.14



# THE RUNNING MAGNET SURFACE – PROFILES

Angolo 90°.  
Alimentabile.

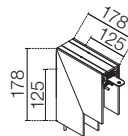
90° Corner.  
Can be powered.



06.1610.40  
06.1610.14

Angolo interno.  
Alimentabile.

Inner corner.  
Can be powered.



06.1612.40  
06.1612.14

I terminale di chiusura sono inclusi in tutti i profili di alimentazione. Si devono ordinare separatamente solo se l'impianto è composto esclusivamente da profili intermedi e alimentato agli angoli.

End caps come complete with all the feed unit profiles. These should only be ordered separately if the installation is exclusively composed of intermediate profiles and fed by corners.

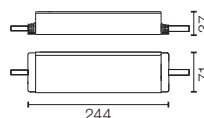


08.8887.40A  
08.8887.14A

## Driver / Drivers

Alimentatore LED per installazione remota in quadro elettrico 24V/200W. Per evitare problemi di sovraccarico si consiglia di installare un alimentatore indipendente ogni 185W. 100/240V.

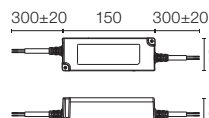
LED power supply source for remote installation in 24V/200W electric control panel. To avoid problems of overload it is recommended to install a power source every 185W. 100/240V.



RF28143

Trasformatore elettronico per LED a tensione costante (24V). 100/240V.

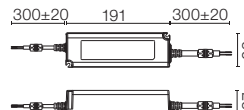
Electronic transformer with constant voltage (24V) for LED. 100/240V.



60W  
60.9089

Trasformatore elettronico per LED a tensione costante (24V). 100/240V.

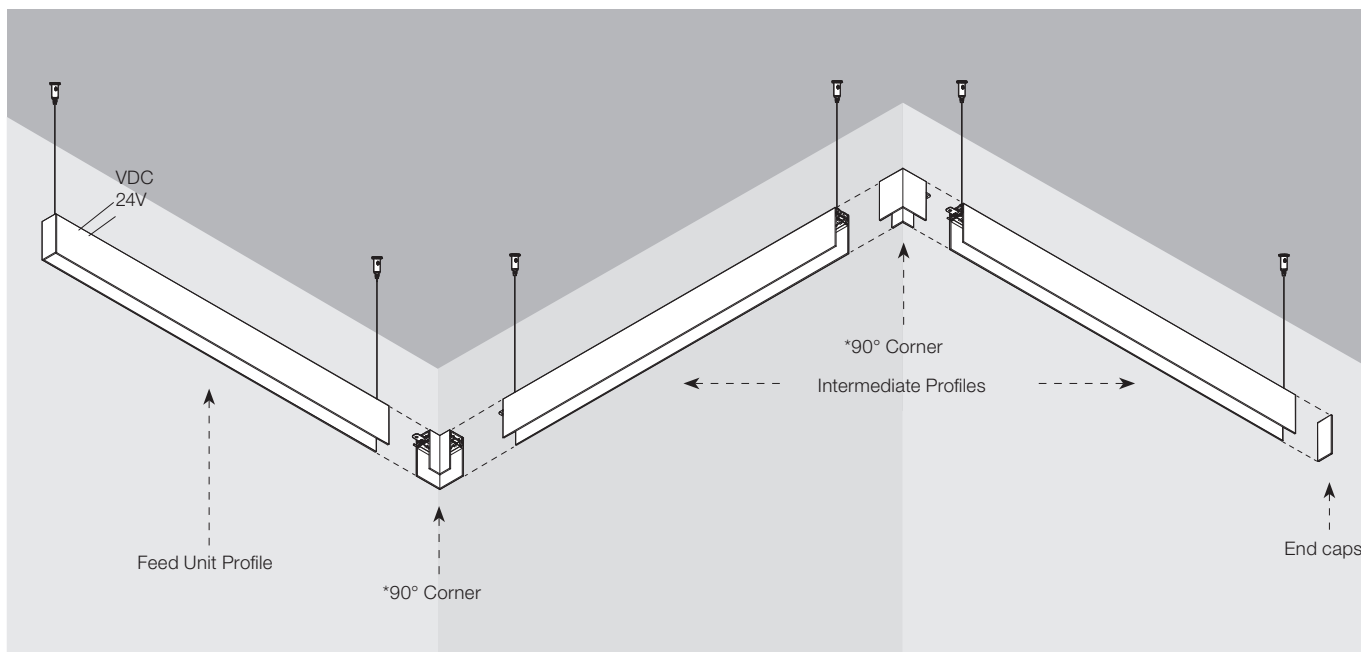
Electronic transformer with constant voltage (24V) for LED. 100/240V.



120W  
RF28688

# THE RUNNING MAGNET SUSPENSION DOWN – PROFILES

## SUSPENSION DOWN INSTALLATION



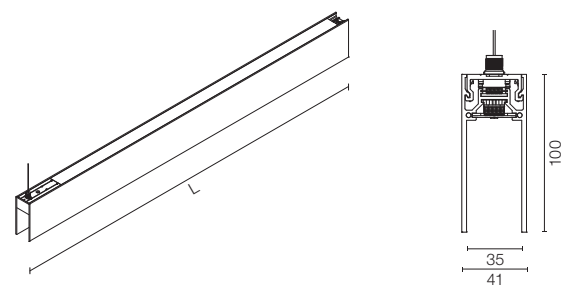
\*Angoli Alimentabili / Corners can be powered.

### Profili

Binario elettromeccanico per installazioni a sospensione.  
 Binari lineari disponibili in due versioni: profili di alimentazione per collegamento a driver, e profili intermedi. Entrambe le versioni con lunghezze da 1 m a 3 m.  
 Calotte comprese nei profili di alimentazione.  
 Accessori per collegamento (cavo di alimentazione da 4,2 m) e sospensione (cavo in acciaio da 4 m) a soffitto compresi in tutti i prodotti lineari di alimentazione o intermedi.  
 Disponibili angoli a 90° sul medesimo piano (elemento simmetrico per angoli sinistro e destro), comuni in versioni Surface e Down. Predisposti per collegamento a driver.  
 La parte interna del profilo è fornita sempre in nero.

### Profiles

Electromechanical profile for suspended installations.  
 Linear profiles available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1 m to 3 m.  
 Covers included with the power feed profiles.  
 Ceiling connection (4.2 m feed cable) and suspension (4 m steel cable) accessories included in all linear feed or intermediate products. 90° corners in the same plane (symmetrical element for right and left corners) for the Surface and Down versions. Provided for connection to the driver.  
 The inner part of the profile is always supplied in black.



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

#### Feed Unit Profiles

- L: 1000 mm
- 06.1626.40
- 06.1626.14
- L: 1500 mm
- 06.1627.40
- 06.1627.14
- L: 2000 mm
- 06.1628.40
- 06.1628.14
- L: 2500 mm
- 06.1629.40
- 06.1629.14
- L: 3000 mm
- 06.1630.40
- 06.1630.14

#### Intermediate Profiles




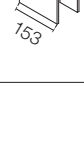

- L: 1000 mm
- 06.1631.40
- 06.1631.14
- L: 1500 mm
- 06.1632.40
- 06.1632.14
- L: 2000 mm
- 06.1633.40
- 06.1633.14
- L: 2500 mm
- 06.1634.40
- 06.1634.14
- L: 3000 mm
- 06.1635.40
- 06.1635.14

### Driver remoti / Remote Drivers


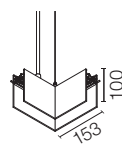

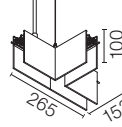

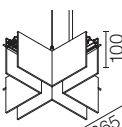
Informazioni comuni con la versione Up&Down. Si veda la pagina successiva.  
 References shared with Up&Down suspension version. Please see next page.



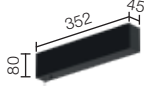
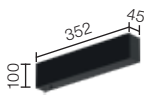
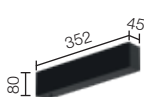
# THE RUNNING MAGNET SUSPENSION DOWN – PROFILES

Angolo 90°. Non alimentabile. Compreso 1 kit di sospensione con cavo.	90° Corner. Cannot be powered. Includes 1 cable suspension kit.			Cannot be powered 06.1657.40 06.1657.14
Alimentabile. Compresi 2 kit di sospensione con cavo.	Can be powered. Includes 2 cable suspension kits.			Can be powered 06.1656.40 06.1656.14
I terminale di chiusura sono inclusi in tutti i profili di alimentazione. Si devono ordinare separatamente solo se l'impianto è composto esclusivamente da profili intermedi e alimentato agli angoli.	End caps come complete with all the feed unit profiles. These should only be ordered separately if the installation is exclusively composed of intermediate profiles and fed by corners.			08.8887.40A 08.8887.14A



## Per strutture chiuse (quadrati e rettangoli) / Down grid structures (square or rectangle shapes)

Angolo 90° per strutture a griglia. Modulo angolare per la costruzione di strutture a griglia perfettamente chiuse. Alimentabil. Dimensioni 153x153.	Corner 90° Grid. Corner to build grid structures perfectly closed. Feed unit. Dimensions 153x153.			06.1740.14
Unione a T per strutture a griglia. Modulo a forma di T per la costruzione di strutture a griglia perfettamente chiuse. Alimentabile. Dimensioni 265x265.	T-Joint Grid Down. T piece to build grid structures perfectly closed. Feed unit. Dimensions 265x153.			06.1741.14
Unione a X per strutture a griglia. Modulo a forma di X per la costruzione di strutture a griglia perfettamente chiuse. Alimentabile. Dimensioni 265x265.	X-Joint Grid Down. Cross piece to build grid structures perfectly closed. Feed unit. Dimensions 265x265.			06.1742.14

## Suspension Down / Suspension Up&Down Driver di superficie / Surface Drivers

Scatola di alimentazione in superficie, sia per illuminazione diretta sia per illuminazione diretta e indiretta con alloggiamento per il driver. Apparecchio 24V/185W - 110/240V incluso. Cavi non forniti.	Surface power supply for direct and indirect lighting with housing for the driver. 24V/185W - 110/240V equipment included. Cables not included.		Non Dimmable 08.8886.40 08.8886.14
Regolatore DALI e apparecchio 24V/185W - 110/240V per alimentare e controllare tanto l'illuminazione diretta quanto quella indiretta, incluso. Cavi non forniti.	DALI controller and 24V/185W - 110/240V equipment to supply and control both the direct and indirect lighting, included. Cables not included.		DALI 08.8886.40.DA 08.8886.14.DA
Regolatore Casambi e apparecchio 24V/185W - 110/240V per alimentare e controllare tanto l'illuminazione diretta quanto quella indiretta, incluso. Cavi non forniti.	Casambi controller and 24V/185W - 110/240V equipment to supply and control both the direct and indirect lighting, included. Cables not included.		Casambi 08.8886.40.CB 08.8886.14.CB

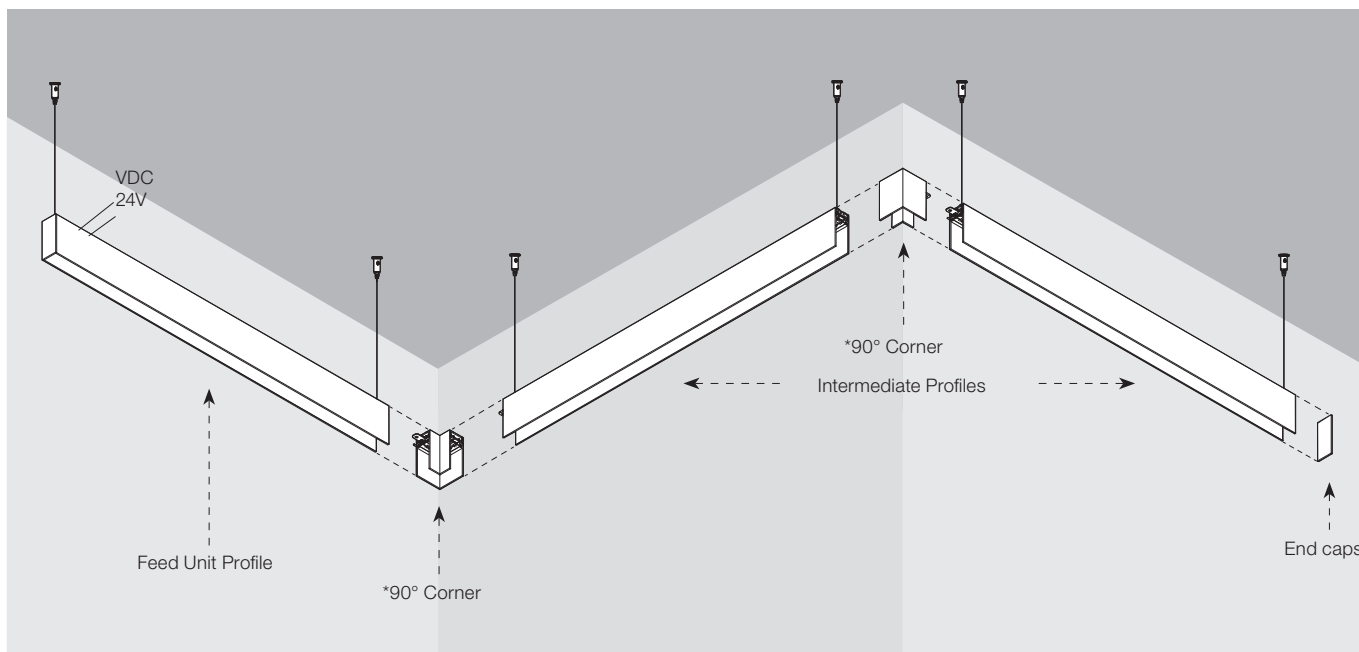
## Suspension Down / Suspension Up&Down Accessori per driver remoti / Remote Drivers Accessories

Rosone di alimentazione di superficie. Apparecchio, cavi di alimentazione e sospensione non forniti, da ordinare separatamente.	Surface rose. Equipment, power cable and suspension cable not included. They must be ordered separately.		08.8883.40A 08.8883.14A
Rosone di alimentazione incassato. Driver non incluso, da ordinare separatamente.	Recessed power supply rose. Equipment not included. To be ordered separately.		08.8889.40 08.8889.14

Per il dimensionamento dell'impianto, mantenere un margine di sicurezza di circa il 15% della potenza massima dell'alimentatore LED / For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

# THE RUNNING MAGNET SUSPENSION UP&DOWN – PROFILES

## SUSPENSION UP&DOWN INSTALLATION



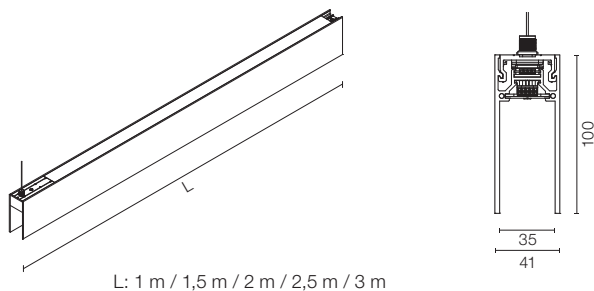
\*Angoli Alimentabili / Corners can be powered.

### Profili

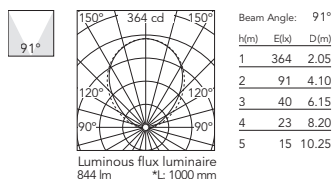
Binario elettromeccanico per installazioni a sospensione. Gli elementi lineari in versione Up&Down comprendono illuminazione LED indiretta nella parte superiore del profilo. Si possono alimentare con alimentazione condivisa o indipendente. Binari lineari disponibili in due versioni: profili di alimentazione per collegamento al driver, e profili intermedi. Entrambe le versioni con lunghezze da 1 m a 3 m. Calotte comprese nei profili di alimentazione. Accessori per collegamento (cavo di alimentazione da 4,2 m) e sospensione (cavo in acciaio da 4 m) a soffitto compresi in tutti i prodotti lineari di alimentazione o intermedi. Disponibili angoli a 90° sul medesimo piano (elemento simmetrico per angoli sinistro e destro). Non predisposti per collegamento a driver. Gli angoli delle versioni sospese del Running Magnet non sono dotati di illuminazione indiretta. L'illuminazione indiretta può essere controllata come un circuito separato se è alimentata da un apparecchio speciale e, nel caso di DALI, dotata di un apparecchio opzionale di controllo DALI da ordinare separatamente. I profili non si possono tagliare. La parte interna del profilo è fornita sempre in nero.

### Profiles

Electromechanical profile for suspended installations. Linear elements in the Up&Down version include indirect LED illumination in the upper part of the profile. Shared or separate power feed. Linear profiles available in two versions: power feed profiles for connecting to a driver, and intermediate profiles. Both versions available in lengths from 1 m to 3 m. Covers included with the power feed profiles. Ceiling connection (4.2 m feed cable) and suspension (4m steel cable) accessories included in all linear feed or intermediate products. 90° corners in the same plane (symmetrical element for right and left corners). Not provided for connection to the driver. The corners of the Suspended Running Magnet versions are not fitted with indirect illumination. Indirect illumination can be managed as a separate circuit if powered by a dedicated driver and, in the case of the DALI installation, if equipped with a dedicated optional DALI controller. To be ordered separately. Profiles cannot be cut. The inner part of the profile is always supplied in black.



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m



Light Source: Top LED 8,4W/m Up - 950 lm/m Up - 3000K/CRI 90

#### Feed Unit Profiles

- L: 1000 mm
- 06.1614.40A
- 06.1614.14A
- L: 1500 mm
- 06.1615.40A
- 06.1615.14A
- L: 2000 mm
- 06.1616.40A
- 06.1616.14A
- L: 2500 mm
- 06.1617.40A
- 06.1617.14A
- L: 3000 mm
- 06.1618.40A
- 06.1618.14A

#### Intermediate Profiles

- L: 1000 mm
- 06.1619.40A
- 06.1619.14A
- L: 1500 mm
- 06.1620.40A
- 06.1620.14A
- L: 2000 mm
- 06.1621.40A
- 06.1621.14A
- L: 2500 mm
- 06.1622.40A
- 06.1622.14A
- L: 3000 mm
- 06.1623.40A
- 06.1623.14A

# THE RUNNING MAGNET SUSPENSION UP&DOWN – PROFILES

Angolo 90°.  
Non alimentabile. Compreso 1 kit di sospensione con cavo.

90° Corner.  
Cannot be powered. Includes 1 cable suspension kit.



06.1624.40  
06.1624.14

I terminale di chiusura sono inclusi in tutti i profili di alimentazione. Si devono ordinare separatamente solo se l'impianto è composto esclusivamente da profili intermedi e alimentato agli angoli.

End caps come complete with all the feed unit profiles. These should only be ordered separately if the installation is exclusively composed of intermediate profiles and fed by corners.



08.8887.40A  
08.8887.14A

## Suspension Down / Suspension Up&Down Driver remoti / Remote Drivers

Alimentatore LED per installazione remota in quadro elettrico 24V/200W. Per evitare problemi di sovraccarico si consiglia di installare un alimentatore indipendente ogni 185W. 100/240V.

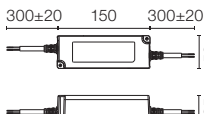
LED power supply source for remote installation in 24V/200W electric control panel. To avoid problems of overload it is recommended to install a power source every 185W. 100/240V.



RF28143

Trasformatore elettronico per LED a tensione costante (24V). 100/240V.

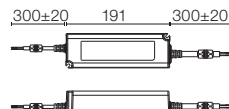
Electronic transformer with constant voltage (24V) for LED. 100/240V.



60W  
60.9089  
Up lighting max. 6m

Trasformatore elettronico per LED a tensione costante (24V). 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.



120W  
RF28688  
Up lighting max. 8m

## Suspension Up&Down Unità di controllo dimmerabile remota / Remote Dimmable Control Unit

Unità di controllo dimmer DALI per la regolazione di moduli LED, per drivers da 12-24-48V. Alimentatore non incluso. Per controllo di illuminazione indiretta (UP).

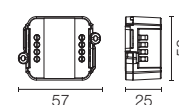
Dimmable Dali control unit for 12-24-48V LED modules. Power supply not included. For controlling indirect lighting (UP).



Dali · Push  
Max. 10A  
60.9678A

Centralina dimmerabile 12-48V, 10A max. È necessario driver, da ordinare separatamente.

Dimmable Control Unit 12-48V, 10A max. Requires driver. It must be ordered separately.



Casambi · Push  
Max. 10A  
60.9938

## Driver di superficie & Accessori per driver remoti / Surface Drivers & Remote Drivers Accessories

Informazioni comuni con la versione a sospensione Down. Si veda la pagina anteriore.  
References shared with Down suspension version. Please see previous page.



Surface Driver   Surface Rose   Recessed Rose

# THE RUNNING MAGNET – FAQ

• **Posso alimentare una struttura direttamente da un angolo, senza utilizzare un profilo di alimentazione?**

Sì, gli angoli sono predisposti per alimentare una struttura in entrambe le direzioni senza la necessità di utilizzare un profilo di alimentazione. È sufficiente tener conto del fatto che si dovranno ordinare separatamente i coperchi dei profili, dato che non sono inclusi negli angoli e nei profili intermedi.

Gli angoli della versione Up&Down non si possono alimentare.

• **Posso utilizzare un profilo di alimentazione per alimentare una struttura in superficie dal centro?**

Sì, per alimentare una struttura in superficie dal centro (in entrambe le direzioni), saranno necessari due profili di alimentazione con due fonti di alimentazione, una per ciascun profilo di alimentazione, oppure la medesima fonte di alimentazione per entrambi i profili di alimentazione, rispettando i limiti elettrici. La connessione meccanica tra i due profili si può realizzare senza alcun problema.

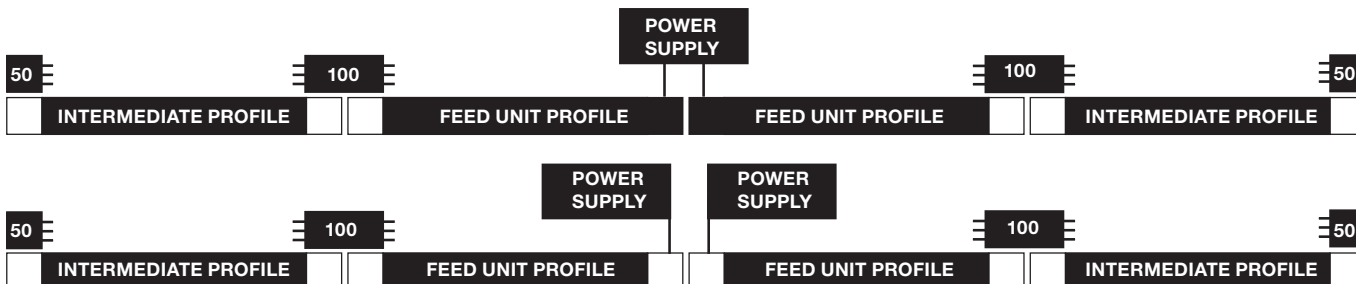
• **Can I feed a structure directly from a corner without using a feed unit profile?**

Yes, corners are prepared to feed a structure in both directions without the need for a feed unit profile. Simply remember that you'll have to order the End cap profiles separately because they are not included in corners and intermediate profiles.

Take note that corners in Up&Down versions cannot be fed.

• **Can I use a feed unit profile to feed a surface structure from the center?**

Yes, to feed a surface structure from the center (in both directions), you'll need to use two feed unit profiles with two power supplies connected, one to each feed unit profile, or connect the same power supply to both feed unit profiles, respecting any potential electrical limitations. The mechanical connection can be made between profiles without any problem.



• **Posso tagliare un profilo?**

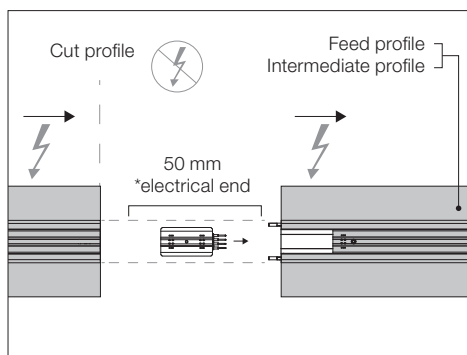
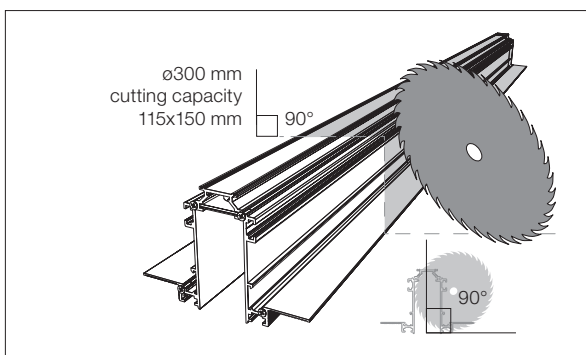
Sì, i profili si possono tagliare della misura desiderata (eccetto nella versione Up&Down). Si deve tener conto del fatto che, una volta tagliato un profilo, si perde la continuità elettrica. Se il profilo tagliato non è quello che chiude la struttura (nel cui caso non è necessaria la continuità elettrica) il tratto seguente dovrà essere nuovamente alimentato con un angolo o un profilo di alimentazione.

Se il lato tagliato fa parte del modulo finale della composizione bisogna isolare elettricamente il terminale di chiusura metallico.

• **Can I cut a profile?**

Yes, profiles can be cut to the desired length (except Up&Down version). Once a profile is cut, the electrical continuity is lost. If the cut element is not the one that closes the structure (in that case you don't need electrical continuity) the next section must be fed with a corner or a feed unit profile.

If the cut side is at the end, the metallic end cap must be electrically insulated.



\*Compreso nei profili di alimentazione o end cap /  
Included with feed profiles or end caps.

**• Posso controllare in modo indipendente l'illuminazione diretta e indiretta nella versione Up&Down?**

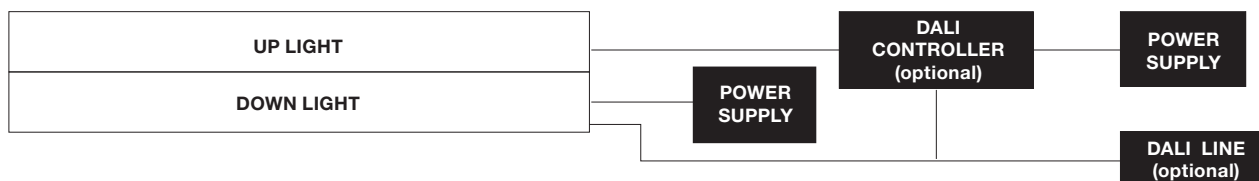
Sì, per controllare l'illuminazione diretta e indiretta in modo indipendente si deve semplicemente collegare una fonte di alimentazione alla connessione di illuminazione indiretta e un'altra a quella diretta, consentendo così di controllare le diverse fonti in modo indipendente.

Se si desidera utilizzare un sistema di regolazione DALI, allora la fonte di alimentazione collegata all'illuminazione indiretta si deve collegare a un regolatore DALI (60.9678A).

**• Can I independently control the Up Light and the Down Light in the Up&Down version?**

Yes, to control the Up Light and Down Light independently you just have to connect one power supply to the down electrical connector and another one to the up electrical connector. This allows you to manage the different light sources independently.

If you want to use a DALI Dimmable system for the Up Light and the Down Light, then the power supply connected to Up Light must be connected to a Dali controller (60.9678A).



**• Posso controllare in modo indipendente gli apparecchi d'illuminazione installati in una struttura con un regolatore DALI?**

Sì, il sistema DALI identificherà ciascun apparecchio di illuminazione installato individualmente e consentirà di controllarlo in modo indipendente.

**• Can I independently control the luminaires installed in the structure with a DALI controller?**

Yes, the DALI system will identify each luminaire installed in the profile with a unique address, and will allow you to independently manage each one.

**• Per realizzare la struttura DALI mi serve l'unità di controllo dimmabile DALI 60.9678A?**

Gli apparecchi d'illuminazione sono già dotati di elettronica DALI, pertanto l'unità di controllo DALI non sarà necessaria.

L'unità di controllo DALI 60.9678A sarà necessaria solo per controllare l'illuminazione indiretta con un sistema DALI nella versione Up&Down.

**• Do I need the Dimmable Dali controller 60.9678A to make the DALI structure?**

The luminaries to be installed in the track are already equipped with Dali electronic, so a Dali controller is not required for these.

The 60.9678A DALI Controller is only required to make the Up indirect Light controllable with a DALI system in the Up&Down version.

**• Qual è la distanza massima permessa tra la fonte di alimentazione e il profilo?**

Con la fonte di alimentazione da 200W (RF28143) del nostro catalogo, la distanza massima concessa è:

- . Cavo da Ø 1,5 mm<sup>2</sup>: 2,5 m
- . Cavo da Ø 2,5 mm<sup>2</sup>: 4 m

**• What is the maximum distance allowed between the driver and the profile?**

With the 200W power supply (RF28143) in our catalogue, the maximum distance allowed is:

- . Ø 1.5 mm<sup>2</sup> cable: 2,5 m
- . Ø 2.5 mm<sup>2</sup> cable: 4 m

**• Qual è la lunghezza massima alimentabile con una fonte di alimentazione in una struttura?**

La lunghezza massima di un profilo che è possibile alimentare con una fonte di alimentazione è 8 m.

**• What is the maximum length that can be fed with one power supply?**

The maximum profile length that can be fed with a power supply is 8 m.

**• Posso utilizzare una fonte di alimentazione diversa - meno potente?**

Tutte le informazioni pubblicate sul nostro sito Web, catalogo e istruzioni di installazione sono conformi ai test realizzati con la nostra fonte di alimentazione da 200W (RF28143) raccomandata per i nostri prodotti.

Tuttavia, si può utilizzare una fonte di alimentazione diversa per alimentare i profili, tenendo tuttavia in considerazione i limiti elettrici da rispettare.

Deve essere una fonte di alimentazione da 24V con una corrente elettrica massima di 8A.

**• Can I use a different, less powerful power supply?**

All the information published on our website, and in our catalogue and installation instructions sheets is adjusted to the tests we perform with our 200W power supply (RF28143), which we recommend for our products.

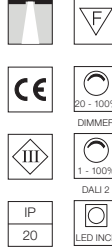
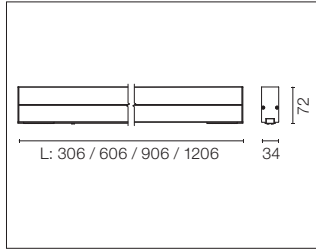
However, a different power supply can be used to feed the profiles but the electrical limitations that it will have to accomplish should be taken into account.

It should be a 24V power supply with a maximum electric current of 8A.

# THE RUNNING MAGNET – LIGHT MODULES

## Light Stripe

**Light Source:** Top LED 25W/m - 2060 lm/m - 2700K/CRI 90 / 25W/m - 2178 lm/m - 3000K/CRI 90



Modulo di illuminazione LED a luce diffusa da installare nel sistema The Running Magnet. Coperchi opalini per creare linee di luce continue inclusi. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Diffused LED light module to be installed in The Running Magnet System. Opaline end caps to create continuous lines of light included. For wireless lighting control, choose integrated Casambi versions.

### 2700K

L: 300 mm - 7,5W - 618lm  
On board dimmer

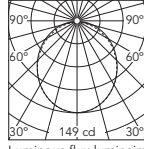
03.7000.14

Dali 2

03.7000.14ADA

\*\*Casambi Integrated

03.7000.14.CB



Beam Angle: 105°		
h(m)	E(lx)	D(m)
1	149	2.76
2	37	5.52
3	17	8.28
4	9	11.04
5	6	13.81

Luminous flux luminaire  
416 lm

### 3000K

L: 300 mm - 7,5W - 653lm  
On board dimmer

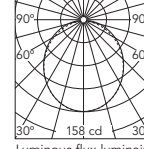
03.7001.14

Dali 2

03.7001.14ADA

\*\*Casambi Integrated

03.7001.14.CB



Beam Angle: 105°		
h(m)	E(lx)	D(m)
1	158	2.76
2	39	5.52
3	18	8.28
4	10	11.04
5	6	13.81

Luminous flux luminaire  
440 lm

### 2700K

L: 600 mm - 15W - 1237lm  
On board dimmer

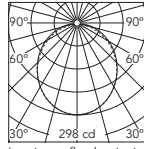
03.7002.14

Dali 2

03.7002.14ADA

\*\*Casambi Integrated

03.7002.14.CB



Beam Angle: 105°		
h(m)	E(lx)	D(m)
1	298	2.76
2	75	5.52
3	33	8.28
4	19	11.04
5	12	13.81

Luminous flux luminaire  
833 lm

### 3000K

L: 600 mm - 15W - 1307lm  
On board dimmer

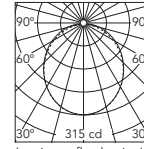
03.7003.14

Dali 2

03.7003.14ADA

\*\*Casambi Integrated

03.7003.14.CB



Beam Angle: 105°		
h(m)	E(lx)	D(m)
1	315	2.76
2	79	5.52
3	35	8.28
4	20	11.04
5	13	13.81

Luminous flux luminaire  
880 lm

### 2700K

On board dimmer  
L: 900 mm - 22,5W - 1855lm

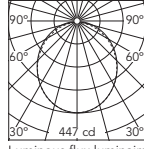
03.7004.14

Dali 2

03.7004.14ADA

\*\*Casambi Integrated

03.7004.14.CB



Beam Angle: 105°		
h(m)	E(lx)	D(m)
1	447	2.76
2	112	5.52
3	50	8.28
4	28	11.04
5	18	13.81

Luminous flux luminaire  
1249 lm

### 3000K

On board dimmer  
L: 900 mm - 22,5W - 1960lm

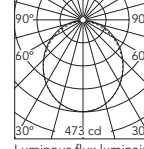
03.7005.14

Dali 2

03.7005.14ADA

\*\*Casambi Integrated

03.7005.14.CB



Beam Angle: 105°		
h(m)	E(lx)	D(m)
1	473	2.76
2	118	5.52
3	53	8.28
4	30	11.04
5	19	13.81

Luminous flux luminaire  
1320 lm

### 2700K

On board dimmer  
L: 1200 mm - 30W - 2473lm

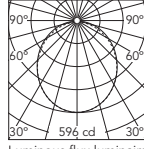
03.7006.14

Dali 2

03.7006.14ADA

\*\*Casambi Integrated

03.7006.14.CB



Beam Angle: 105°		
h(m)	E(lx)	D(m)
1	596	2.76
2	149	5.52
3	66	8.28
4	37	11.04
5	24	13.81

Luminous flux luminaire  
1665 lm

### 3000K

On board dimmer  
L: 1200 mm - 30W - 2614lm

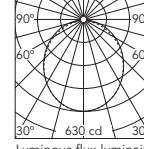
03.7007.14

Dali 2

03.7007.14ADA

\*\*Casambi Integrated

03.7007.14.CB



Beam Angle: 105°		
h(m)	E(lx)	D(m)
1	630	2.76
2	158	5.52
3	70	8.28
4	39	11.04
5	25	13.81

Luminous flux luminaire  
1760 lm

\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

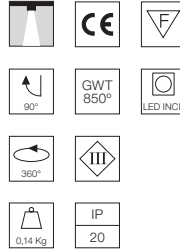
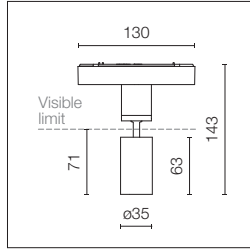




# THE RUNNING MAGNET – LIGHT MODULES

## Light Shadow Spot 30

Light Source: Power LED 4W - 257 lm - 2700K/CRI 90 / 4W - 263 lm - 3000K/CRI 90



Modulo d'illuminazione LED focale da installare nel sistema The Running Magnet  
 Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
 Accessori disponibili (schermo nido d'ape e filtri diroici CCT).

LED accent lighting module for installation in The Running Magnet system.  
 For wireless control of luminaires, please select Casambi integrated versions.  
 Accessories available, (honeycomb and CCT dichroic filters).

### Optic Spot - 2700K

On board dimmer

- 05.9100.40
- 05.9100.14
- 05.9100.ER
- 05.9100.ES
- 05.9100.EQ

Dali 2

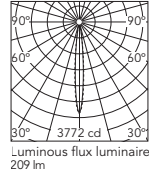
- 05.9100.40.DA
- 05.9100.14.DA
- 05.9100.ER.DA
- 05.9100.ES.DA
- 05.9100.EQ.DA

1-10V

- 05.9100.40.1V
- 05.9100.14.1V
- 05.9100.ER.1V
- 05.9100.ES.1V
- 05.9100.EQ.1V

Casambi integrated

- 05.9100.40.CB
- 05.9100.14.CB
- 05.9100.ER.CB
- 05.9100.ES.CB
- 05.9100.EQ.CB



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	3772	0.18
2	943	0.36
3	419	0.54
4	236	0.72
5	151	0.90

### Optic Spot - 3000K

On board dimmer

- 05.9105.40
- 05.9105.14
- 05.9105.ER
- 05.9105.ES
- 05.9105.EQ

Dali 2

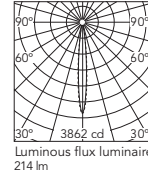
- 05.9105.40.DA
- 05.9105.14.DA
- 05.9105.ER.DA
- 05.9105.ES.DA
- 05.9105.EQ.DA

1-10V

- 05.9105.40.1V
- 05.9105.14.1V
- 05.9105.ER.1V
- 05.9105.ES.1V
- 05.9105.EQ.1V

Casambi integrated

- 05.9105.40.CB
- 05.9105.14.CB
- 05.9105.ER.CB
- 05.9105.ES.CB
- 05.9105.EQ.CB



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	3862	0.18
2	966	0.36
3	429	0.54
4	241	0.72
5	154	0.90

### Optic Medium - 2700K

On board dimmer

- 05.9101.40
- 05.9101.14
- 05.9101.ER
- 05.9101.ES
- 05.9101.EQ

Dali 2

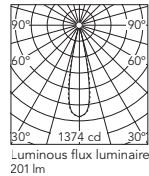
- 05.9101.40.DA
- 05.9101.14.DA
- 05.9101.ER.DA
- 05.9101.ES.DA
- 05.9101.EQ.DA

1-10V

- 05.9101.40.1V
- 05.9101.14.1V
- 05.9101.ER.1V
- 05.9101.ES.1V
- 05.9101.EQ.1V

Casambi integrated

- 05.9101.40.CB
- 05.9101.14.CB
- 05.9101.ER.CB
- 05.9101.ES.CB
- 05.9101.EQ.CB



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1374	0.39
2	344	0.78
3	153	1.17
4	86	1.56
5	55	1.95

### Optic Medium - 3000K

On board dimmer

- 05.9106.40
- 05.9106.14
- 05.9106.ER
- 05.9106.ES
- 05.9106.EQ

Dali 2

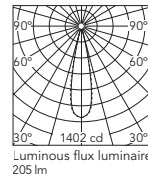
- 05.9106.40.DA
- 05.9106.14.DA
- 05.9106.ER.DA
- 05.9106.ES.DA
- 05.9106.EQ.DA

1-10V

- 05.9106.40.1V
- 05.9106.14.1V
- 05.9106.ER.1V
- 05.9106.ES.1V
- 05.9106.EQ.1V

Casambi integrated

- 05.9106.40.CB
- 05.9106.14.CB
- 05.9106.ER.CB
- 05.9106.ES.CB
- 05.9106.EQ.CB



Beam Angle: 22°

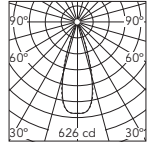
h(m)	E(lx)	D(m)
1	1402	0.39
2	350	0.78
3	156	1.17
4	88	1.56
5	56	1.95

# THE RUNNING MAGNET – LIGHT MODULES

## Optic Flood - 2700K

On board dimmer

- 05.9102.40
- 05.9102.14
- 05.9102.ER
- 05.9102.ES
- 05.9102.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	625	0.60
2	156	1.19
3	69	1.79
4	39	2.39
5	25	2.99

Luminous flux luminaire  
200 lm

Dali 2

- 05.9102.40.DA
- 05.9102.14.DA
- 05.9102.ER.DA
- 05.9102.ES.DA
- 05.9102.EQ.DA

1-10V

- 05.9102.40.1V
- 05.9102.14.1V
- 05.9102.ER.1V
- 05.9102.ES.1V
- 05.9102.EQ.1V

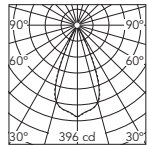
Casambi integrated

- 05.9102.40.CB
- 05.9102.14.CB
- 05.9102.ER.CB
- 05.9102.ES.CB
- 05.9102.EQ.CB

## Optic Wide Flood - 2700K

On board dimmer

- 05.9103.40
- 05.9103.14
- 05.9103.ER
- 05.9103.ES
- 05.9103.EQ



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	396	0.84
2	99	1.69
3	44	2.53
4	25	3.38
5	16	4.22

Luminous flux luminaire  
209 lm

Dali 2

- 05.9103.40.DA
- 05.9103.14.DA
- 05.9103.ER.DA
- 05.9103.ES.DA
- 05.9103.EQ.DA

1-10V

- 05.9103.40.1V
- 05.9103.14.1V
- 05.9103.ER.1V
- 05.9103.ES.1V
- 05.9103.EQ.1V

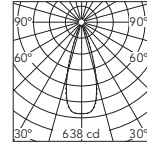
Casambi integrated

- 05.9103.40.CB
- 05.9103.14.CB
- 05.9103.ER.CB
- 05.9103.ES.CB
- 05.9103.EQ.CB

## Optic Flood - 3000K

On board dimmer

- 05.9107.40
- 05.9107.14
- 05.9107.ER
- 05.9107.ES
- 05.9107.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	638	0.60
2	159	1.19
3	71	1.79
4	40	2.39
5	26	2.99

Luminous flux luminaire  
204 lm

Dali 2

- 05.9107.40.DA
- 05.9107.14.DA
- 05.9107.ER.DA
- 05.9107.ES.DA
- 05.9107.EQ.DA

1-10V

- 05.9107.40.1V
- 05.9107.14.1V
- 05.9107.ER.1V
- 05.9107.ES.1V
- 05.9107.EQ.1V

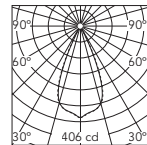
Casambi integrated

- 05.9107.40.CB
- 05.9107.14.CB
- 05.9107.ER.CB
- 05.9107.ES.CB
- 05.9107.EQ.CB

## Optic Wide Flood - 3000K

On board dimmer

- 05.9108.40
- 05.9108.14
- 05.9108.ER
- 05.9108.ES
- 05.9108.EQ



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	406	0.84
2	101	1.69
3	45	2.53
4	25	3.38
5	16	4.22

Luminous flux luminaire  
214 lm

Dali 2

- 05.9108.40.DA
- 05.9108.14.DA
- 05.9108.ER.DA
- 05.9108.ES.DA
- 05.9108.EQ.DA

1-10V

- 05.9108.40.1V
- 05.9108.14.1V
- 05.9108.ER.1V
- 05.9108.ES.1V
- 05.9108.EQ.1V

Casambi integrated

- 05.9108.40.CB
- 05.9108.14.CB
- 05.9108.ER.CB
- 05.9108.ES.CB
- 05.9108.EQ.CB

## Accessori / Accessories

### Light Shadow Spot 30

Pannello nido d'ape

Honeycomb



08.0790.00

Filtro biromatico CCT

Dichroic CCT Filter



Increase  
2700K >> 3125±75K  
3000K >> 3600±75K  
08.0791.00

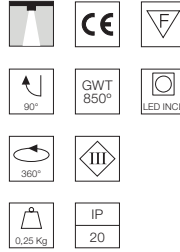
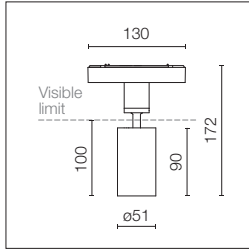


Decrease  
2700K >> 2450±75K  
3000K >> 2700±75K  
08.0792.00

# THE RUNNING MAGNET – LIGHT MODULES

## Light Shadow Spot 45

Light Source: LED Array 10W - 756 lm - 2700K/CRI 90 / 10W - 799 lm - 3000K/CRI 90



Modulo d'illuminazione LED focale da installare nel sistema The Running Magnet  
 Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
 Accessori disponibili (schermo nido d'ape e filtri diroici CCT).

LED accent lighting module for installation in The Running Magnet system.  
 For wireless control of luminaires, please select Casambi integrated versions.  
 Accessories available, (honeycomb and CCT dichroic filters).

### Optic Spot - 2700K

On board dimmer

- 05.9130.40
- 05.9130.14
- 05.9130.ER
- 05.9130.ES
- 05.9130.EQ

Dali 2

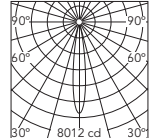
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- 05.9130.14.DA
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- 05.9130.ES.DA
- 05.9130.EQ.DA

1-10V

- 05.9130.40.1V
- 05.9130.14.1V
- 05.9130.ER.1V
- 05.9130.ES.1V
- 05.9130.EQ.1V

Casambi integrated

- 05.9130.40.CB
- 05.9130.14.CB
- 05.9130.ER.CB
- 05.9130.ES.CB
- 05.9130.EQ.CB



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8012	0.27
2	2003	0.54
3	890	0.80
4	501	1.07
5	320	1.34

Luminous flux luminaire 650 lm

### Optic Spot - 3000K

On board dimmer

- 05.9135.40
- 05.9135.14
- 05.9135.ER
- 05.9135.ES
- 05.9135.EQ

Dali 2

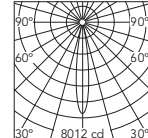
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- 05.9135.14.DA
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- 05.9135.ES.DA
- 05.9135.EQ.DA

1-10V

- 05.9135.40.1V
- 05.9135.14.1V
- 05.9135.ER.1V
- 05.9135.ES.1V
- 05.9135.EQ.1V

Casambi integrated

- 05.9135.40.CB
- 05.9135.14.CB
- 05.9135.ER.CB
- 05.9135.ES.CB
- 05.9135.EQ.CB



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8012	0.27
2	2003	0.54
3	890	0.80
4	501	1.07
5	320	1.34

Luminous flux luminaire 650 lm

### Optic Medium - 2700K

On board dimmer

- 05.9131.40
- 05.9131.14
- 05.9131.ER
- 05.9131.ES
- 05.9131.EQ

Dali 2

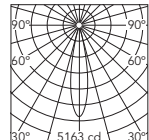
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- 05.9131.ES.DA
- 05.9131.EQ.DA

1-10V

- 05.9131.40.1V
- 05.9131.14.1V
- 05.9131.ER.1V
- 05.9131.ES.1V
- 05.9131.EQ.1V

Casambi integrated

- 05.9131.40.CB
- 05.9131.14.CB
- 05.9131.ER.CB
- 05.9131.ES.CB
- 05.9131.EQ.CB



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5163	0.36
2	1291	0.73
3	574	1.09
4	323	1.46
5	207	1.82

Luminous flux luminaire 645 lm

### Optic Medium - 3000K

On board dimmer

- 05.9136.40
- 05.9136.14
- 05.9136.ER
- 05.9136.ES
- 05.9136.EQ

Dali 2

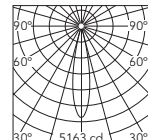
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- 05.9136.14.DA
- 05.9136.ER.DA
- 05.9136.ES.DA
- 05.9136.EQ.DA

1-10V

- 05.9136.40.1V
- 05.9136.14.1V
- 05.9136.ER.1V
- 05.9136.ES.1V
- 05.9136.EQ.1V

Casambi integrated

- 05.9136.40.CB
- 05.9136.14.CB
- 05.9136.ER.CB
- 05.9136.ES.CB
- 05.9136.EQ.CB



Beam Angle: 21°





h(m)	E(lx)	D(m)
1	5163	0.36
2	1291	0.73
3	574	1.09
4	323	1.46
5	207	1.82

Luminous flux luminaire 645 lm






# THE RUNNING MAGNET – LIGHT MODULES

## Optic Flood - 2700K






On board dimmer

-  05.9132.40
-  05.9132.14
-  05.9132.ER
-  05.9132.ES
-  05.9132.EQ






Dali 2

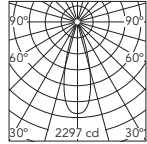
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-  05.9132.14.DA
-  05.9132.ER.DA
-  05.9132.ES.DA
-  05.9132.EQ.DA

1-10V

-  05.9132.40.1V
-  05.9132.14.1V
-  05.9132.ER.1V
-  05.9132.ES.1V
-  05.9132.EQ.1V

Casambi integrated

-  05.9132.40.CB
-  05.9132.14.CB
-  05.9132.ER.CB
-  05.9132.ES.CB
-  05.9132.EQ.CB








Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2296	0.56
2	574	1.11
3	255	1.67
4	144	2.22
5	92	2.78






Luminous flux luminaire  
646 lm

## Optic Flood - 3000K






On board dimmer

-  05.9137.40
-  05.9137.14
-  05.9137.ER
-  05.9137.ES
-  05.9137.EQ






Dali 2

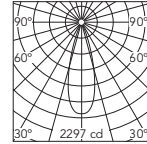
-  05.9137.40.DA
-  05.9137.14.DA
-  05.9137.ER.DA
-  05.9137.ES.DA
-  05.9137.EQ.DA

1-10V

-  05.9137.40.1V
-  05.9137.14.1V
-  05.9137.ER.1V
-  05.9137.ES.1V
-  05.9137.EQ.1V

Casambi integrated

-  05.9137.40.CB
-  05.9137.14.CB
-  05.9137.ER.CB
-  05.9137.ES.CB
-  05.9137.EQ.CB



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2296	0.56
2	574	1.11
3	255	1.67
4	144	2.22
5	92	2.78

Luminous flux luminaire  
646 lm

## Accessori / Accessories

### Light Shadow Spot 45

Pannello nido d'ape

Honeycomb



08.0793.00

Filtro bicromatico CCT

Dichroic CCT Filter



Increase  
2700K >> 3125±75K  
3000K >> 3600±75K  
08.0794.00

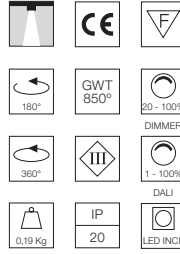
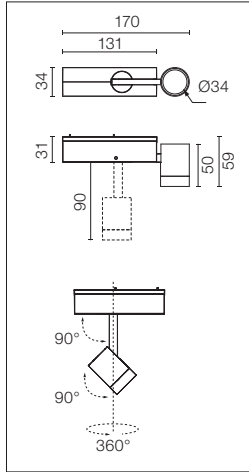


Decrease  
2700K >> 2450±75K  
3000K >> 2700±75K  
08.0795.00

# THE RUNNING MAGNET – LIGHT MODULES

## Spot Module

**Light Source:** Power LED 8W - 560 lm - 2700K/CRI 90 / 8W - 600 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Running Magnet. Convertitore elettronico di corrente DC/DC integrato.

Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Spot Module No DALI:  
Massimo 21 spot per ciascun driver.

Spot Module DALI:  
Massimo 14 spot per ciascun driver.

Massimo 64 spot per ciascun regolatore DALI.

Vedi accessori disponibili.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter. For wireless lighting control, choose integrated Casambi versions.

Spot Module No DALI:  
Maximum 21 spots for a single driver.

Spot Module DALI:  
Maximum 14 spots for a single driver.

Maximum 64 spots for a single DALI controller.

See available accessories.

### 2700K

On board dimmer

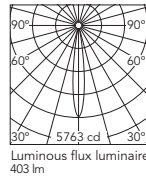
03.6303.14B

Dali 2

03.6303.14CDA

\*\*Casambi Integrated

03.6303.14BCB



Beam Angle: 14°

h(m) E(lx) D(m)

1 5763 0.24

2 1441 0.49

3 640 0.73

4 360 0.98

5 231 1.22

Luminous flux luminaire  
403 lm

### 3000K

On board dimmer

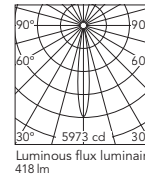
03.6302.14B

Dali 2

03.6302.14CDA

\*\*Casambi Integrated

03.6302.14BCB



Beam Angle: 14°

h(m) E(lx) D(m)

1 5973 0.24

2 1493 0.49

3 664 0.73

4 373 0.98

5 239 1.22

Luminous flux luminaire  
418 lm

## Accessori / Accessories

### Spot Module

Anello schermante esterno per spot module Running Magnet realizzato in alluminio e con finitura nera per un incremento del comfort visivo.

Screening external ring for Running Magnet spot module in aluminium with a black finish to enhance the visual comfort.



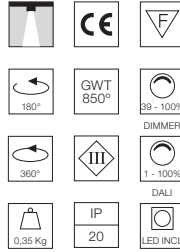
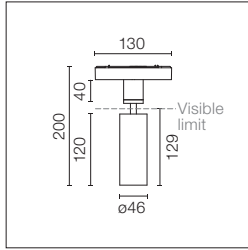
08.8427.14

\*\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE RUNNING MAGNET – LIGHT MODULES

## Spot 120

Light Source: Power LED 13W - 1003 lm - 2700K/CRI 90 / 1002 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Running Magnet. Convertitore elettronico di corrente DC/DC integrato.

Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Spot Module No DALI 2:  
Massimo 14 spot per ciascun driver.

Spot Module DALI 2:  
Massimo 11 spot per ciascun driver.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter. For wireless lighting control, choose integrated Casambi versions.

Spot Module No DALI 2:  
Maximum 14 spots for a single driver.

Spot Module DALI 2:  
Maximum 11 spots for a single driver.

### 2700K

On board dimmer

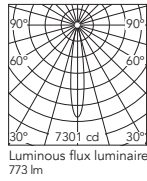
- 03.6285.40C
- 03.6285.14C

Dali 2

- 03.6285.40CDA
- 03.6285.14CDA

\*\*Casambi Integrated

- 03.6285.40CCB
- 03.6285.14CCB



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	7301	0.28
2	1825	0.57
3	811	0.85
4	456	1.14
5	292	1.42

Luminous flux luminaire  
773 lm

### 3000K

On board dimmer

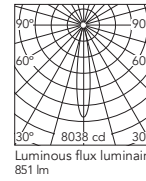
- 03.6284.40C
- 03.6284.14C

Dali 2

- 03.6284.40CDA
- 03.6284.14CDA

\*\*Casambi Integrated

- 03.6284.40CCB
- 03.6284.14CCB



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	8038	0.28
2	2009	0.57
3	893	0.85
4	502	1.14
5	322	1.42

Luminous flux luminaire  
851 lm

### 2700K

On board dimmer

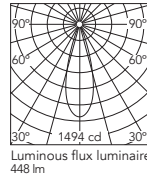
- 03.6286.40C
- 03.6286.14C

Dali 2

- 03.6286.40CDA
- 03.6286.14CDA

\*\*Casambi Integrated

- 03.6286.40CCB
- 03.6286.14CCB



Beam Angle: 32°

h(m)	E(lx)	D(m)
1	1494	0.57
2	374	1.14
3	166	1.71
4	93	2.27
5	60	2.84

Luminous flux luminaire  
448 lm

### 3000K

On board dimmer

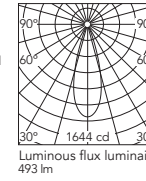
- 03.6287.40C
- 03.6287.14C

Dali 2

- 03.6287.40CDA
- 03.6287.14CDA

\*\*Casambi Integrated

- 03.6287.40CCB
- 03.6287.14CCB



Beam Angle: 32°

h(m)	E(lx)	D(m)
1	1644	0.57
2	411	1.14
3	183	1.71
4	103	2.27
5	66	2.84

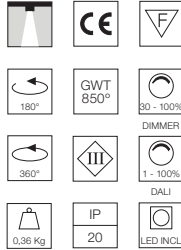
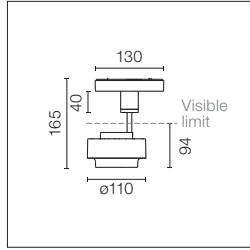
Luminous flux luminaire  
493 lm

\*\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE RUNNING MAGNET – LIGHT MODULES

## Anthony Spot Track By Antonio Citterio

Light Source: Power LED 14W - 1045 lm - 2700K/CRI 90 / 14W - 1308 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Running Magnet. Convertitore elettronico di corrente DC/DC integrato. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter. For wireless lighting control, choose integrated Casambi versions.

Spot Module No DALI: Massimo 9 spot per ciascun driver.

Spot Module No DALI: Maximum 9 spots for a single driver.

See available accessories.

Vedi accessori disponibili.

### 2700K

On board dimmer

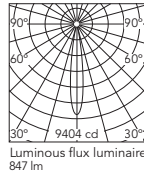
- 03.6277.40B
- 03.6277.14B

Dali 2

- 03.6277.40BDA
- 03.6277.14BDA

\*\*Casambi Integrated

- 03.6277.40BCB
- 03.6277.14BCB



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	9404	0.27
2	2351	0.54
3	1045	0.81
4	588	1.08
5	376	1.35

Luminous flux luminaire 9404 cd  
847 lm

### 3000K

On board dimmer

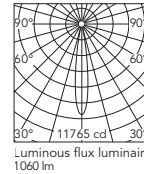
- 03.6274.40B
- 03.6274.14B

Dali 2

- 03.6274.40BDA
- 03.6274.14BDA

\*\*Casambi Integrated

- 03.6274.40BCB
- 03.6274.14BCB



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	11765	0.27
2	2941	0.54
3	1307	0.81
4	735	1.08
5	471	1.35

Luminous flux luminaire 11765 cd  
1060 lm

### 2700K

On board dimmer

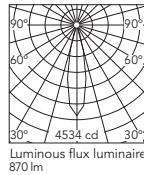
- 03.6278.40B
- 03.6278.14B

Dali 2

- 03.6278.40BDA
- 03.6278.14BDA

\*\*Casambi Integrated

- 03.6278.40BCB
- 03.6278.14BCB



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	4534	0.40
2	1134	0.81
3	504	1.21
4	283	1.61
5	181	2.02

Luminous flux luminaire 4534 cd  
870 lm

### 3000K

On board dimmer

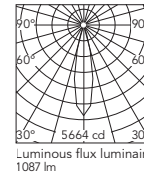
- 03.6275.40B
- 03.6275.14B

Dali 2

- 03.6275.40BDA
- 03.6275.14BDA

\*\*Casambi Integrated

- 03.6275.40BCB
- 03.6275.14BCB



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	5664	0.40
2	1416	0.81
3	629	1.21
4	354	1.61
5	227	2.02

Luminous flux luminaire 5664 cd  
1087 lm




\*\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.



# THE RUNNING MAGNET – LIGHT MODULES

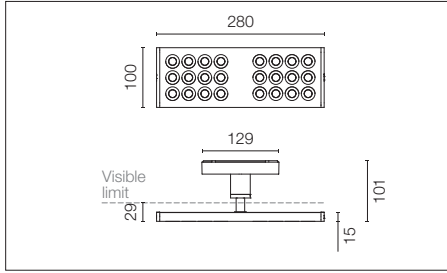
## Accessori / Accessories

### Anthony Spot Track

Lente ellittica.	Elliptical lens.		08.8418.68A
Honeycomb.	Honeycomb.		08.8419.14A
Lente flood. Per ottenere l'ottica flood (35°) richiedere Anthony Spot Medium + lente flood.	Flood lens. To obtain flood optics (35°) order Anthony Spot Medium + flood lens.		08.0050.00

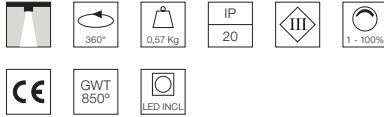
Workmates Track Small

Coming Soon: Power LED High Efficiency



Apparecchio di illuminazione per applicazione sul sistema The Running Magnet. Sorgente luminosa ad alto rendimento. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

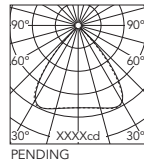
Luminaire for use on The Running Magnet system. High-efficiency light source. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.



Optic Wide Flood - 3000K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

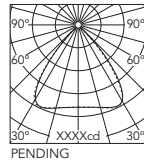
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Wide Flood - 3500K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

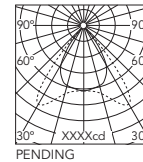
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Oval - 3000K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

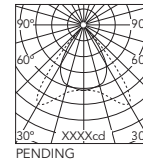
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Oval - 3500K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

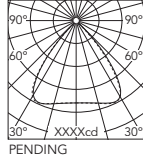
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

**Optic Wide Flood - 4000K**

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

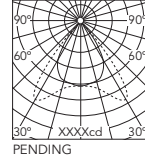
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

**Optic Oval - 4000K**

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

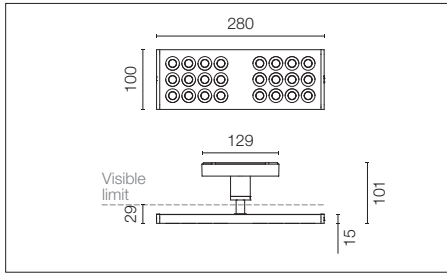
- Coming Soon
- Coming Soon
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- Coming Soon

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Workmates Track Small

Coming Soon: Power LED Full Spectrum



360° 0.57 Kg IP 20 III 1 - 100% CE GWT 850° LED INCL

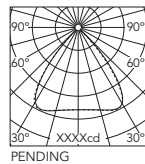
Apparecchio di illuminazione per applicazione sul sistema The Running Magnet. Sorgente luminosa Full Spectrum di elevata qualità nella resa cromatica. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Luminaire for use on The Running Magnet system. High-quality colour rendering Full Spectrum light source. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

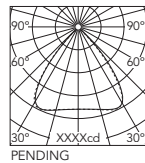
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Wide Flood - 3500K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

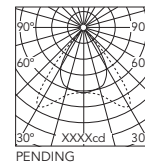
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Oval - 3000K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

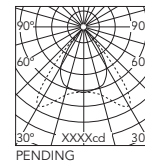
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Oval - 3500K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

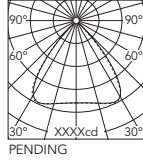
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

**Optic Wide Flood - 4000K**

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

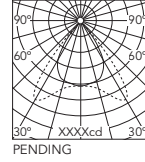
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

**Optic Oval - 4000K**

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

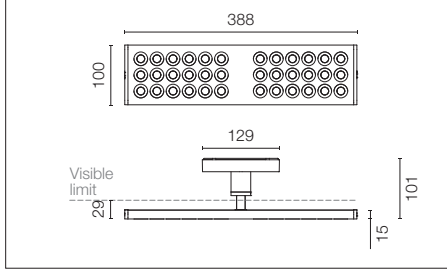
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Workmates Track Large

Coming Soon: Power LED High Efficiency



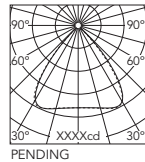
Apparecchio di illuminazione per applicazione sul sistema The Running Magnet. Sorgente luminosa ad alto rendimento. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Luminaire for use on The Running Magnet system. High-efficiency light source. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

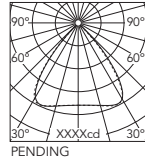
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Wide Flood - 3500K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

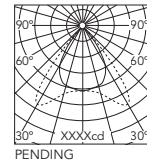
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Oval - 3000K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

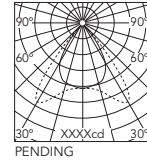
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Oval - 3500K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

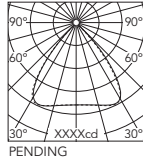
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

**Optic Wide Flood - 4000K**

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

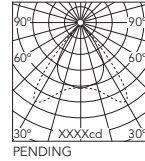
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

**Optic Oval - 4000K**

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

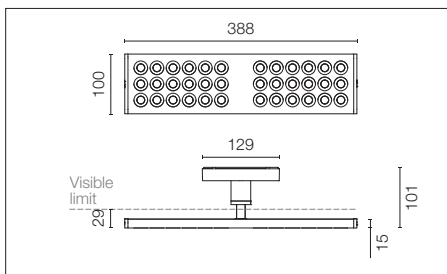
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Workmates Track Large

Coming Soon: Power LED Full Spectrum



360° 0,80 Kg IP 20 III 1 - 100% CE GWT 850° LED INCL

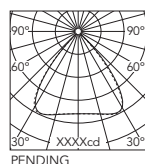
Apparecchio di illuminazione per applicazione sul sistema The Running Magnet. Sorgente luminosa Full Spectrum di elevata qualità nella resa cromatica. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Luminaire for use on The Running Magnet system. High-quality colour rendering Full Spectrum light source. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

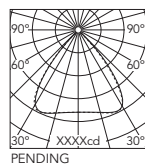
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Wide Flood - 3500K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

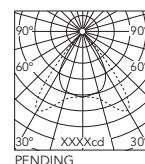
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Oval - 3000K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

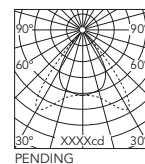
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Optic Oval - 3500K

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

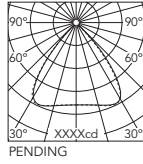
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



**Optic Wide Flood - 4000K**

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

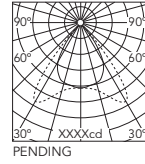
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

**Optic Oval - 4000K**

Non Dimming

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

1-10V

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

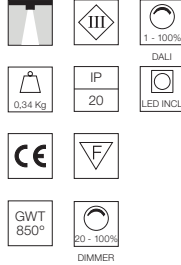
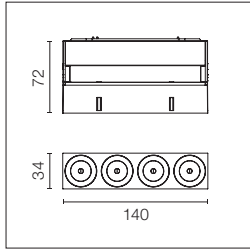
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

# THE RUNNING MAGNET – LIGHT MODULES

## Light Shadow

**Light Source:** Power LED 10,8W - 4x270 lm - 2700K/CRI 90 / 10,8W - 4x285 lm - 3000K/CRI 90



Modulo di illuminazione LED con 4 faretti e ad abbagliamento limitato, installabili sul sistema The Running Magnet.

Convertitore elettronico corrente DC/DC incorporato. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

LED lighting module, with 4 spotlights and low glare, to be installed in the The Running Magnet system. DC/DC, built-in electronic current converter. For wireless lighting control, choose integrated Casambi versions.

E= External Finish  
I= Internal Finish

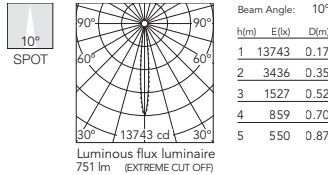
E= Finitura Esterna  
I= Finitura Interna

**Optic Spot 2700K**

On board dimmer  
03.8948.40A  
03.8948.14A

Dali 2  
03.8948.40BDA  
03.8948.14BDA

\*\*Casambi Integrated  
03.8948.40ACB  
03.8948.14ACB

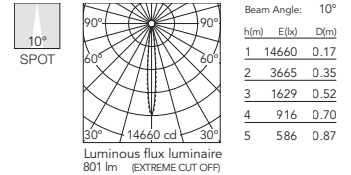


**Optic Spot 3000K**

On board dimmer  
03.8952.40A  
03.8952.14A

Dali 2  
03.8952.40BDA  
03.8952.14BDA

\*\*Casambi Integrated  
03.8952.40ACB  
03.8952.14ACB

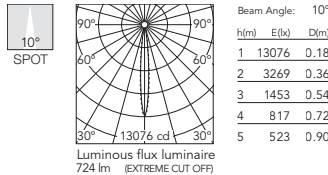


**2700K**

On board dimmer  
03.8949.40A  
03.8949.14A

Dali 2  
03.8949.40BDA  
03.8949.14BDA

\*\*Casambi Integrated  
03.8949.40ACB  
03.8949.14ACB

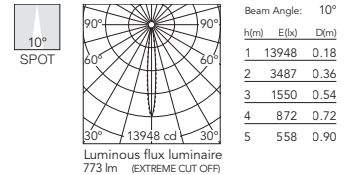


**3000K**

On board dimmer  
03.8953.40A  
03.8953.14A

Dali 2  
03.8953.40BDA  
03.8953.14BDA

\*\*Casambi Integrated  
03.8953.40ACB  
03.8953.14ACB

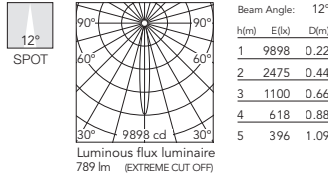


**2700K**

On board dimmer  
05.1800.40A  
05.1800.14A

Dali 2  
05.1800.40ADA  
05.1800.14ADA

\*\*Casambi Integrated  
05.1800.40ACB  
05.1800.14ACB

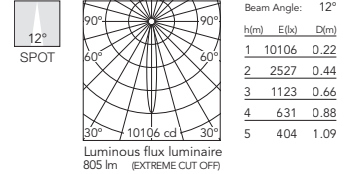


**3000K**

On board dimmer  
05.1805.40A  
05.1805.14A

Dali 2  
05.1805.40ADA  
05.1805.14ADA

\*\*Casambi Integrated  
05.1805.40ACB  
05.1805.14ACB

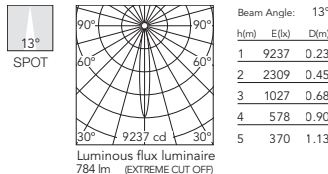


**2700K**

On board dimmer  
05.1801.40A  
05.1801.14A

Dali 2  
05.1801.40ADA  
05.1801.14ADA

\*\*Casambi Integrated  
05.1801.40ACB  
05.1801.14ACB

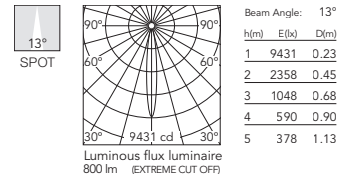


**3000K**

On board dimmer  
05.1806.40A  
05.1806.14A

Dali 2  
05.1806.40ADA  
05.1806.14ADA

\*\*Casambi Integrated  
05.1806.40ACB  
05.1806.14ACB

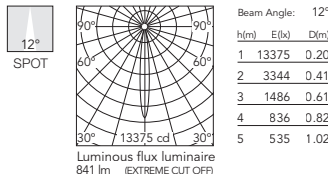


**2700K**

On board dimmer  
05.1802.40A  
05.1802.14A

Dali 2  
05.1802.40ADA  
05.1802.14ADA

\*\*Casambi Integrated  
05.1802.40ACB  
05.1802.14ACB

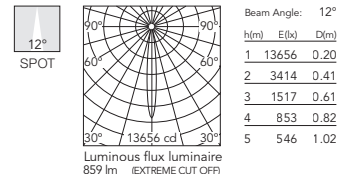


**3000K**

On board dimmer  
05.1807.40A  
05.1807.14A

Dali 2  
05.1807.40ADA  
05.1807.14ADA

\*\*Casambi Integrated  
05.1807.40ACB  
05.1807.14ACB



\*\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

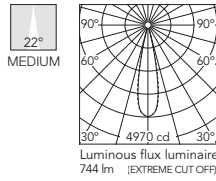
# THE RUNNING MAGNET – LIGHT MODULES

**Optic Medium 2700K**

E I On board dimmer  
 03.9620.40A  
 03.9620.14A

E I Dali 2  
 03.9620.40BDA  
 03.9620.14BDA

E I \*\*Casambi Integrated  
 03.9620.40ACB  
 03.9620.14ACB



Beam Angle: 22°

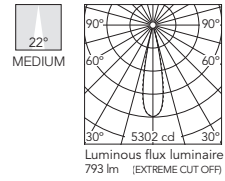
h(m)	E(k)	D(m)
1	4970	0.39
2	1243	0.78
3	552	1.17
4	311	1.56
5	199	1.95

**Optic Medium 3000K**

E I On board dimmer  
 03.9630.40A  
 03.9630.14A

E I Dali 2  
 03.9630.40BDA  
 03.9630.14BDA

E I \*\*Casambi Integrated  
 03.9630.40ACB  
 03.9630.14ACB



Beam Angle: 22°

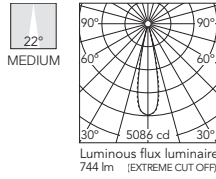
h(m)	E(k)	D(m)
1	5302	0.39
2	1325	0.78
3	589	1.17
4	331	1.56
5	212	1.95

**2700K**

E I On board dimmer  
 03.9621.40A  
 03.9621.14A

E I Dali 2  
 03.9621.40BDA  
 03.9621.14BDA

E I \*\*Casambi Integrated  
 03.9621.40ACB  
 03.9621.14ACB



Beam Angle: 22°

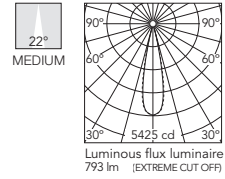
h(m)	E(k)	D(m)
1	5086	0.39
2	1272	0.78
3	565	1.17
4	318	1.56
5	203	1.95

**3000K**

E I On board dimmer  
 03.9631.40A  
 03.9631.14A

E I Dali 2  
 03.9631.40BDA  
 03.9631.14BDA

E I \*\*Casambi Integrated  
 03.9631.40ACB  
 03.9631.14ACB



Beam Angle: 22°

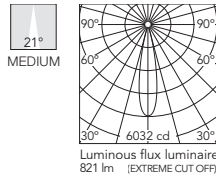
h(m)	E(k)	D(m)
1	5425	0.39
2	1356	0.78
3	603	1.17
4	339	1.56
5	217	1.95

**2700K**

E I On board dimmer  
 05.1810.40A  
 05.1810.14A

E I Dali 2  
 05.1810.40ADA  
 05.1810.14ADA

E I \*\*Casambi Integrated  
 05.1810.40ACB  
 05.1810.14ACB



Beam Angle: 21°

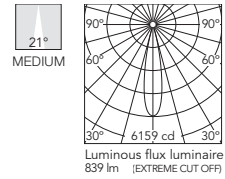
h(m)	E(k)	D(m)
1	6032	0.37
2	1508	0.74
3	670	1.11
4	377	1.48
5	242	1.84

**3000K**

E I On board dimmer  
 05.1815.40A  
 05.1815.14A

E I Dali 2  
 05.1815.40ADA  
 05.1815.14ADA

E I \*\*Casambi Integrated  
 05.1815.40ACB  
 05.1815.14ACB



Beam Angle: 21°

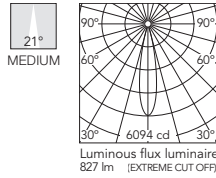
h(m)	E(k)	D(m)
1	6159	0.37
2	1540	0.74
3	684	1.11
4	385	1.48
5	247	1.84

**2700K**

E I On board dimmer  
 05.1811.40A  
 05.1811.14A

E I Dali 2  
 05.1811.40ADA  
 05.1811.14ADA

E I \*\*Casambi Integrated  
 05.1811.40ACB  
 05.1811.14ACB



Beam Angle: 21°

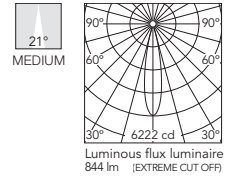
h(m)	E(k)	D(m)
1	6094	0.36
2	1523	0.73
3	677	1.09
4	381	1.45
5	244	1.81

**3000K**

E I On board dimmer  
 05.1816.40A  
 05.1816.14A

E I Dali 2  
 05.1816.40ADA  
 05.1816.14ADA

E I \*\*Casambi Integrated  
 05.1816.40ACB  
 05.1816.14ACB



Beam Angle: 21°

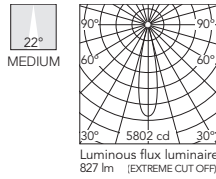
h(m)	E(k)	D(m)
1	6222	0.36
2	1555	0.73
3	692	1.09
4	389	1.45
5	249	1.81

**2700K**

E I On board dimmer  
 05.1812.40A  
 05.1812.14A

E I Dali 2  
 05.1812.40ADA  
 05.1812.14ADA

E I \*\*Casambi Integrated  
 05.1812.40ACB  
 05.1812.14ACB



Beam Angle: 22°

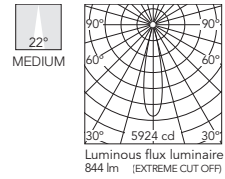
h(m)	E(k)	D(m)
1	5802	0.38
2	1451	0.76
3	645	1.14
4	363	1.52
5	232	1.91

**3000K**

E I On board dimmer  
 05.1817.40A  
 05.1817.14A

E I Dali 2  
 05.1817.40ADA  
 05.1817.14ADA

E I \*\*Casambi Integrated  
 05.1817.40ACB  
 05.1817.14ACB



Beam Angle: 22°

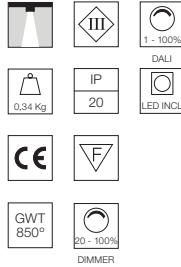
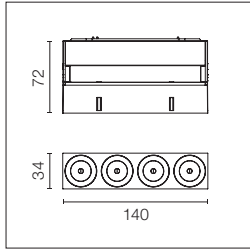
h(m)	E(k)	D(m)
1	5924	0.38
2	1481	0.76
3	658	1.14
4	370	1.52
5	237	1.91

\*\* Il sistema di controllo degli apparecchi a versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE RUNNING MAGNET – LIGHT MODULES

## Light Shadow

**Light Source:** Power LED 10,8W - 4x270 lm - 2700K/CRI 90 / 10,8W - 4x285 lm - 3000K/CRI 90



Modulo di illuminazione LED con 4 faretti e ad abbagliamento limitato, installabili sul sistema The Running Magnet.

Convertitore elettronico corrente DC/DC incorporato. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

LED lighting module, with 4 spotlights and low glare, to be installed in the The Running Magnet system.

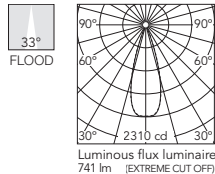
DC/DC, built-in electronic current converter. For wireless lighting control, choose integrated Casambi versions.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

### Optic Flood 2700K

- E I On board dimmer
- 03.9625.40A
- 03.9625.14A
- E I Dali 2
- 03.9625.40BDA
- 03.9625.14BDA
- E I \*\*Casambi Integrated
- 03.9625.40ACB
- 03.9625.14ACB

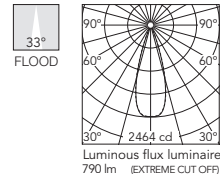


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2310	0.59
2	577	1.18
3	257	1.78
4	144	2.37
5	92	2.96

### Optic Flood 3000K

- E I On board dimmer
- 03.9635.40A
- 03.9635.14A
- E I Dali 2
- 03.9635.40BDA
- 03.9635.14BDA
- E I \*\*Casambi Integrated
- 03.9635.40ACB
- 03.9635.14ACB

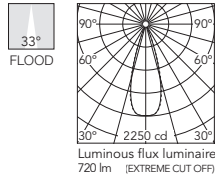


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2464	0.59
2	616	1.18
3	274	1.78
4	154	2.37
5	99	2.96

### 2700K

- E I On board dimmer
- 03.9626.40A
- 03.9626.14A
- E I Dali 2
- 03.9626.40BDA
- 03.9626.14BDA
- E I \*\*Casambi Integrated
- 03.9626.40ACB
- 03.9626.14ACB

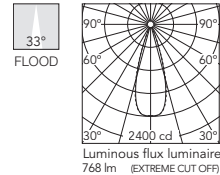


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2250	0.60
2	563	1.19
3	250	1.79
4	141	2.39
5	90	2.99

### 3000K

- E I On board dimmer
- 03.9636.40A
- 03.9636.14A
- E I Dali 2
- 03.9636.40BDA
- 03.9636.14BDA
- E I \*\*Casambi Integrated
- 03.9636.40ACB
- 03.9636.14ACB

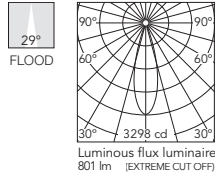


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2400	0.60
2	600	1.19
3	267	1.79
4	150	2.39
5	96	2.99

### 2700K

- E I On board dimmer
- 05.1820.40A
- 05.1820.14A
- E I Dali 2
- 05.1820.40ADA
- 05.1820.14ADA
- E I \*\*Casambi Integrated
- 05.1820.40ACB
- 05.1820.14ACB

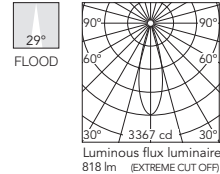


Beam Angle: 29°

h(m)	E(lx)	D(m)
1	3298	0.51
2	824	1.02
3	366	1.53
4	206	2.05
5	132	2.56

### 3000K

- E I On board dimmer
- 05.1825.40A
- 05.1825.14A
- E I Dali 2
- 05.1825.40ADA
- 05.1825.14ADA
- E I \*\*Casambi Integrated
- 05.1825.40ACB
- 05.1825.14ACB

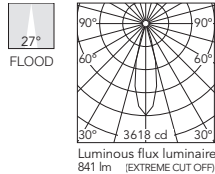


Beam Angle: 29°

h(m)	E(lx)	D(m)
1	3367	0.51
2	842	1.02
3	374	1.53
4	210	2.05
5	135	2.56

### 2700K

- E I On board dimmer
- 05.1821.40A
- 05.1821.14A
- E I Dali 2
- 05.1821.40ADA
- 05.1821.14ADA
- E I \*\*Casambi Integrated
- 05.1821.40ACB
- 05.1821.14ACB

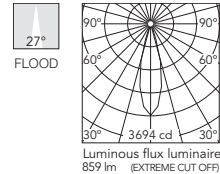


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	3618	0.48
2	904	0.96
3	402	1.43
4	226	1.91
5	145	2.39

### 3000K

- E I On board dimmer
- 05.1826.40A
- 05.1826.14A
- E I Dali 2
- 05.1826.40ADA
- 05.1826.14ADA
- E I \*\*Casambi Integrated
- 05.1826.40ACB
- 05.1826.14ACB

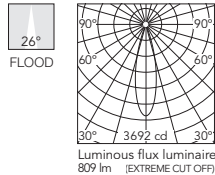


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	3694	0.48
2	923	0.96
3	411	1.43
4	231	1.91
5	148	2.39

### 2700K

- E I On board dimmer
- 05.1822.40A
- 05.1822.14A
- E I Dali 2
- 05.1822.40ADA
- 05.1822.14ADA
- E I \*\*Casambi Integrated
- 05.1822.40ACB
- 05.1822.14ACB

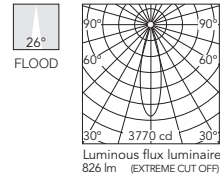


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	3692	0.46
2	923	0.92
3	410	1.39
4	231	1.85
5	148	2.31

### 3000K

- E I On board dimmer
- 05.1827.40A
- 05.1827.14A
- E I Dali 2
- 05.1827.40ADA
- 05.1827.14ADA
- E I \*\*Casambi Integrated
- 05.1827.40ACB
- 05.1827.14ACB



Beam Angle: 26°

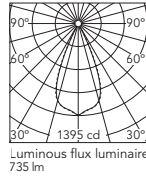
h(m)	E(lx)	D(m)
1	3770	0.46
2	942	0.92
3	419	1.39
4	236	1.85
5	151	2.31

\*\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE RUNNING MAGNET – LIGHT MODULES

## Optic Wide Flood 2700K

E I	On board dimmer
	03.9660.40A
	03.9660.14A
E I	Dali 2
	03.9660.40BDA
	03.9660.14BDA
E I	**Casambi Integrated
	03.9660.40ACB
	03.9660.14ACB

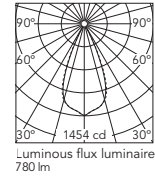


Beam Angle: 47°

h(m)	E(lx)	D(m)
1	1395	0.84
2	349	1.69
3	155	2.53
4	87	3.38
5	56	4.22

## Optic Wide Flood 3000K

E I	On board dimmer
	03.9664.40A
	03.9664.14A
E I	Dali 2
	03.9664.40BDA
	03.9664.14BDA
E I	**Casambi Integrated
	03.9664.40ACB
	03.9664.14ACB

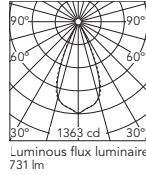


Beam Angle: 47°

h(m)	E(lx)	D(m)
1	1454	0.83
2	363	1.67
3	162	2.50
4	91	3.34
5	58	4.17

## 2700K

E I	On board dimmer
	03.9661.40A
	03.9661.14A
E I	Dali 2
	03.9661.40BDA
	03.9661.14BDA
E I	**Casambi Integrated
	03.9661.40ACB
	03.9661.14ACB

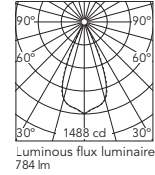


Beam Angle: 47°

h(m)	E(lx)	D(m)
1	1363	0.83
2	341	1.67
3	151	2.50
4	85	3.34
5	55	4.17

## 3000K

E I	On board dimmer
	03.9665.40A
	03.9665.14A
E I	Dali 2
	03.9665.40BDA
	03.9665.14BDA
E I	**Casambi Integrated
	03.9665.40ACB
	03.9665.14ACB

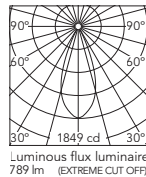


Beam Angle: 47°

h(m)	E(lx)	D(m)
1	1488	0.84
2	372	1.69
3	165	2.53
4	93	3.38
5	60	4.22

## 2700K

E I	On board dimmer
	05.1830.40A
	05.1830.14A
E I	Dali 2
	05.1830.40ADA
	05.1830.14ADA
E I	**Casambi Integrated
	05.1830.40ACB
	05.1830.14ACB

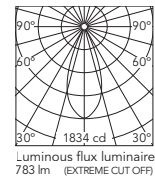


Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1849	0.74
2	462	1.48
3	205	2.22
4	115	2.96
5	74	3.70

## 3000K

E I	On board dimmer
	05.1835.40A
	05.1835.14A
E I	Dali 2
	05.1835.40ADA
	05.1835.14ADA
E I	**Casambi Integrated
	05.1835.40ACB
	05.1835.14ACB

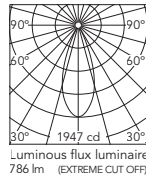


Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1834	0.74
2	458	1.48
3	204	2.22
4	114	2.96
5	74	3.70

## 2700K

E I	On board dimmer
	05.1831.40A
	05.1831.14A
E I	Dali 2
	05.1831.40ADA
	05.1831.14ADA
E I	**Casambi Integrated
	05.1831.40ACB
	05.1831.14ACB

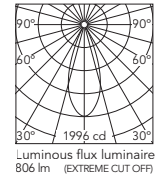


Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1947	0.70
2	487	1.39
3	216	2.09
4	122	2.78
5	78	3.48

## 3000K

E I	On board dimmer
	05.1836.40A
	05.1836.14A
E I	Dali 2
	05.1836.40ADA
	05.1836.14ADA
E I	**Casambi Integrated
	05.1836.40ACB
	05.1836.14ACB

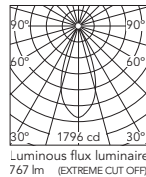


Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1996	0.70
2	499	1.39
3	222	2.09
4	125	2.78
5	80	3.48

## 2700K

E I	On board dimmer
	05.1832.40A
	05.1832.14A
E I	Dali 2
	05.1832.40ADA
	05.1832.14ADA
E I	**Casambi Integrated
	05.1832.40ACB
	05.1832.14ACB

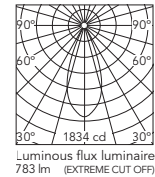


Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1796	0.74
2	449	1.48
3	200	2.22
4	112	2.96
5	72	3.70

## 3000K

E I	On board dimmer
	05.1837.40A
	05.1837.14A
E I	Dali 2
	05.1837.40ADA
	05.1837.14ADA
E I	**Casambi Integrated
	05.1837.40ACB
	05.1837.14ACB



Beam Angle: 41°

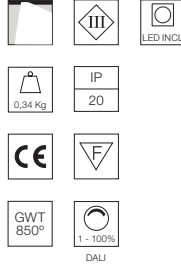
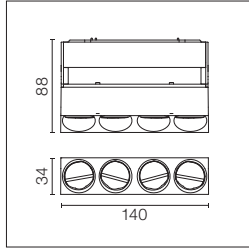
h(m)	E(lx)	D(m)
1	1834	0.74
2	458	1.48
3	204	2.22
4	115	2.96
5	73	3.70

\*\* Il sistema di controllo degli apparecchi a versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE RUNNING MAGNET – LIGHT MODULES

## Light Shadow Wall-Washer

**Light Source:** Power LED 10,8W - 4x270 lm - 2700K/CRI 90 / 10,8W - 4x285 lm - 3000K/CRI 90



Modulo di illuminazione LED con 4 faretti e ad abbagliamento limitato, installabili sul sistema The Running Magnet.

Convertitore elettronico corrente DC/DC incorporato.

Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

LED lighting module, with 4 spotlights and low glare, to be installed in the The Running Magnet system.

DC/DC, built-in electronic current converter.

For wireless lighting control, choose integrated Casambi versions.

### 2700K

On board dimmer

☐ 03.9905.40A

■ 03.9905.14A

Dali 2

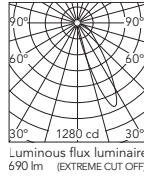
☐ 03.9905.40BDA

■ 03.9905.14BDA

\*\*Casambi Integrated

☐ 03.9905.40ACB

■ 03.9905.14ACB



Beam Angle: 22°

h(m)	E(ft)	D(m)
1	978	0.50
2	244	0.99
3	109	1.49
4	61	1.99
5	39	2.48

### 3000K

On board dimmer

☐ 03.9904.40A

■ 03.9904.14A

Dali 2

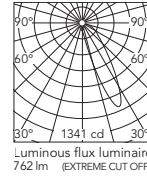
☐ 03.9904.40BDA

■ 03.9904.14BDA

\*\*Casambi Integrated

☐ 03.9904.40ACB

■ 03.9904.14ACB



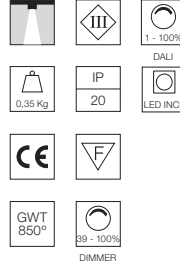
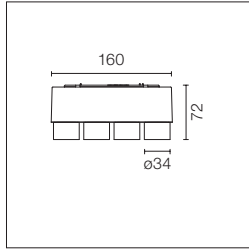
Beam Angle: 22°

h(m)	E(ft)	D(m)
1	1033	0.50
2	258	0.99
3	115	1.49
4	65	1.98
5	41	2.48

# THE RUNNING MAGNET – LIGHT MODULES

## Multi Spot 4

Light Source: Power LED 10W - 840 lm - 2700K/CRI 90 / 896 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Running Magnet. Convertitore elettronico di corrente DC/DC integrato. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter. For wireless lighting control, choose integrated Casambi versions.

See available accessories.

Vedi accessori disponibili.

### 2700K

On board dimmer

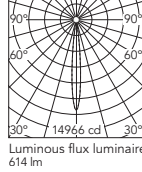
03.6305.14C

Dali 2

03.6305.14CDA

\*\*Casambi Integrated

03.6305.14CCB



Beam Angle: 11°

h(m) E(lx) D(m)

1 14966 0.19

2 3742 0.38

3 1663 0.57

4 935 0.76

5 599 0.94

### 3000K

On board dimmer

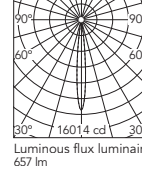
03.6306.14C

Dali 2

03.6306.14CDA

\*\*Casambi Integrated

03.6306.14CCB



Beam Angle: 11°

h(m) E(lx) D(m)

1 16014 0.19

2 4004 0.38

3 1779 0.57

4 1001 0.76

5 641 0.94

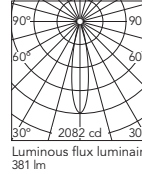
## Accessori / Accessories

### Spot Module & Multi Spot 4

Lente frosted medium.  
Accessorio ad ottica medium.



08.8760.00



Beam Angle: 21°

h(m) E(lx) D(m)

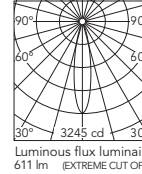
1 2082 0.36

2 520 0.73

3 231 1.09

4 130 1.46

5 83 1.82



Beam Angle: 21°

h(m) E(lx) D(m)

1 3245 0.37

2 811 0.75

3 361 1.12

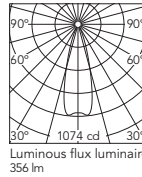
4 203 1.50

5 130 1.87

Lente frosted flood.  
Accessorio ad ottica flood.



08.8761.00



Beam Angle: 31°

h(m) E(lx) D(m)

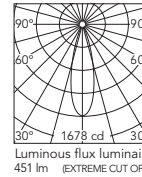
1 1074 0.55

2 269 1.09

3 119 1.64

4 67 2.19

5 43 2.73



Beam Angle: 28°

h(m) E(lx) D(m)

1 1678 0.50

2 420 1.00

3 186 1.51

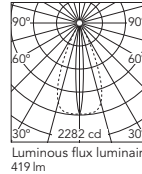
4 105 2.01

5 67 2.51

Lente ellittica.



08.8759.00



Beam Angle: 46°

h(m) E(lx) D(m)

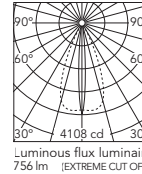
1 2282 0.17

2 571 0.34

3 254 0.51

4 143 0.68

5 91 0.85



Beam Angle: 46°

h(m) E(lx) D(m)

1 4108 0.15

2 1027 0.30

3 456 0.44

4 257 0.59

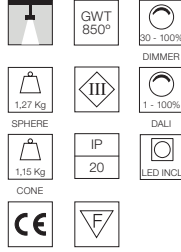
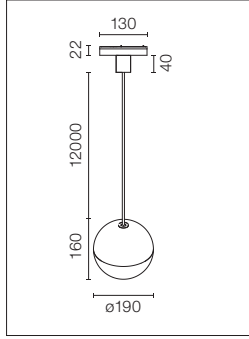
5 164 0.74

\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE RUNNING MAGNET – LIGHT MODULES

## String Light Sphere

Light Source: Power LED 14W - 930 lm - 2700K/CRI 90 / 14W - 930 lm - 3000K/CRI 90



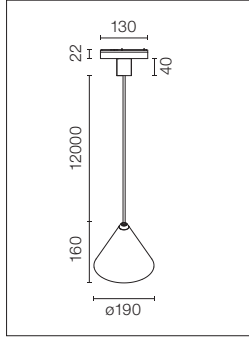
Modulo di illuminazione LED generale da installare nel sistema The Running Magnet. Convertitore elettronico di corrente DC/DC integrato. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

General lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter. For wireless lighting control, choose integrated Casambi versions.

Spot Module No DALI:  
Massimo 9 spot per ciascun driver.

Spot Module No DALI:  
Maximum 9 spots for a single driver.

## String Light Cone



### String Light Sphere 2700K

On board dimmer

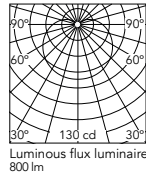
03.6295.14A

Dali 2

03.6295.14ADA

\*\*Casambi Integrated

03.6295.14ACB



Beam Angle: 177°

h(m) E(lx) D(m)

1 130 75.06

2 32 150.12

3 14 225.19

4 8 300.25

5 5 375.31

Luminous flux luminaire 800 lm

### String Light Sphere 3000K

On board dimmer

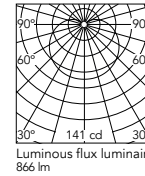
03.6296.14A

Dali 2

03.6296.14ADA

\*\*Casambi Integrated

03.6296.14ACB



Beam Angle: 177°

h(m) E(lx) D(m)

1 140 75.06

2 35 150.12

3 16 225.19

4 9 300.25

5 6 375.31

Luminous flux luminaire 866 lm

### String Light Cone 2700K

On board dimmer

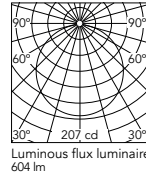
03.6297.14A

Dali 2

03.6297.14ADA

\*\*Casambi Integrated

03.6297.14ACB



Beam Angle: 114°

h(m) E(lx) D(m)

1 207 3.08

2 52 6.16

3 23 9.24

4 13 12.32

5 8 15.40

Luminous flux luminaire 604 lm

### String Light Cone 3000K

On board dimmer

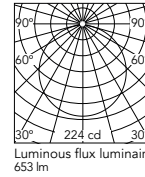
03.6298.14A

Dali 2

03.6298.14ADA

\*\*Casambi Integrated

03.6298.14ACB



Beam Angle: 114°

h(m) E(lx) D(m)

1 224 3.08

2 56 6.16

3 25 9.24

4 14 12.32

5 9 15.40

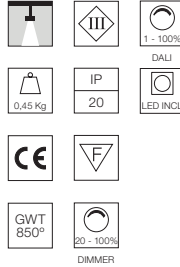
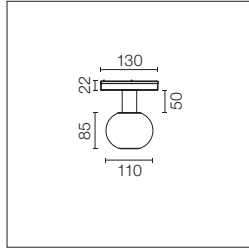
Luminous flux luminaire 653 lm



# THE RUNNING MAGNET – LIGHT MODULES

## Mini Glo-Ball

**Light Source:** Power LED 7W - 800 lm - 2700K/CRI 80 / 7W - 880 lm - 3000K/CRI 80



Modulo di illuminazione LED generale da installare nel sistema The Running Magnet. Convertitore elettronico di corrente DC/DC integrato. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

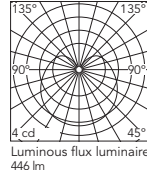
General lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter. For wireless lighting control, choose integrated Casambi versions.

Spot Module No DALI:  
Massimo 21 spot per ciascun driver.  
Spot Module DALI:  
Massimo 14 spot per ciascun driver.

Spot Module No DALI:  
Maximum 21 spots for a single driver.  
Spot Module DALI:  
Maximum 14 spots for a single driver.

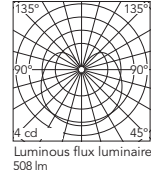
### 2700K

- On board dimmer
- 03.6260.14B  
Dali 2
- 03.6260.14ADA  
\*Casambi Integrated
- 03.6260.14.CB



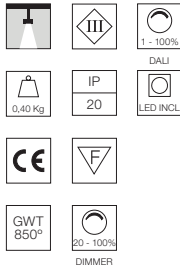
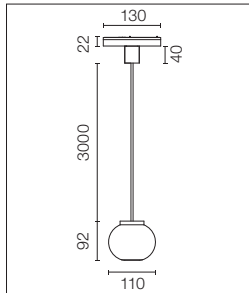
### 3000K

- On board dimmer
- 03.6261.14B  
Dali 2
- 03.6261.14ADA  
\*Casambi Integrated
- 03.6261.14.CB



## Mini Glo-Ball S

**Light Source:** Power LED 3,5W - 400 lm - 2700K/CRI 80 / 3,5W - 440 lm - 3000K/CRI 80



Modulo di illuminazione LED generale da installare nel sistema The Running Magnet. Convertitore elettronico di corrente DC/DC integrato. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

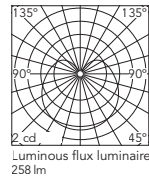
General lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter. For wireless lighting control, choose integrated Casambi versions.

Spot Module No DALI:  
Massimo 21 spot per ciascun driver.  
Spot Module DALI:  
Massimo 14 spot per ciascun driver.

Spot Module No DALI:  
Maximum 21 spots for a single driver.  
Spot Module DALI:  
Maximum 14 spots for a single driver.

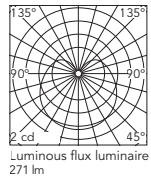
### 2700K

- On board dimmer
- 03.6262.14B  
Dali 2
- 03.6262.14ADA  
\*\*Casambi Integrated
- 03.6262.14.CB



### 3000K

- On board dimmer
- 03.6263.14B  
Dali 2
- 03.6263.14ADA  
\*\*Casambi Integrated
- 03.6263.14.CB

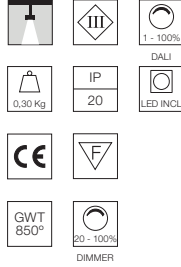
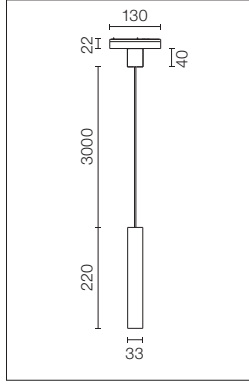


\*\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE RUNNING MAGNET – LIGHT MODULES

## Find Me 1 Suspension

Light Source: Power LED 8W - 560 lm - 2700K/CRI 90 / 8W - 600 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Running Magnet. Convertitore elettronico di corrente DC/DC integrato.  
Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Running Magnet System. Built-in DC/DC electronic voltage converter.  
For wireless lighting control, choose integrated Casambi versions.

Spot Module No DALI:  
Massimo 21 spot per ciascun driver.  
Spot Module DALI:  
Massimo 14 spot per ciascun driver.

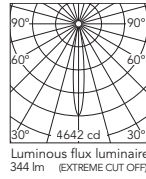
Spot Module No DALI:  
Maximum 21 spots for a single driver.  
Spot Module DALI:  
Maximum 14 spots for a single driver.

### 2700K

On board dimmer  
03.6272.30D  
03.6272.06D  
03.6272.14D

Dali 2

- 03.6272.30EDA
- 03.6272.06EDA
- 03.6272.14EDA
- \*\*Casambi Integrated
- 03.6272.30DCB
- 03.6272.06DCB
- 03.6272.14DCB



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4642	0.24
2	1160	0.48
3	516	0.72
4	290	0.95
5	186	1.19

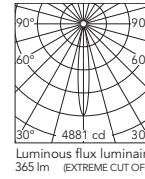
Luminous flux luminaire  
344 lm (EXTREME CUT OFF)

### 3000K

On board dimmer  
03.6273.30D  
03.6273.06D  
03.6273.14D

Dali 2

- 03.6273.30EDA
- 03.6273.06EDA
- 03.6273.14EDA
- \*\*Casambi Integrated
- 03.6273.30DCB
- 03.6273.06DCB
- 03.6273.14DCB



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4881	0.24
2	1220	0.49
3	542	0.73
4	305	0.97
5	195	1.21

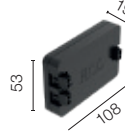
Luminous flux luminaire  
365 lm (EXTREME CUT OFF)

# THE RUNNING MAGNET ACCESSORY MODULES

## Unità di controllo / Control Units

Gateway di regolazione wireless. Da 1-10V a Casambi. Per installazione remota. Vedi le specifiche del prodotto nel manuale Flos Control. Consigliato per fungere da gateway da Lutron a Casambi.

Wireless Dimmer Bridge. From 1-10V to Casambi. For remote installation. See product specifications in the Flos Control manual. Recommended to act as a gateway from Lutron to Casambi.

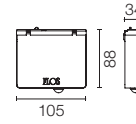


DIM 1-10V >> Casambi  
08.0824.14

## Multifunction Smart Device

Dispositivo intelligente multifunzione. Triplice funzionalità 3x1: ripetitore di segnale Casambi, sensore per l'illuminazione d'ambiente e rilevatore di presenza. FLOS Control® by Casambi.

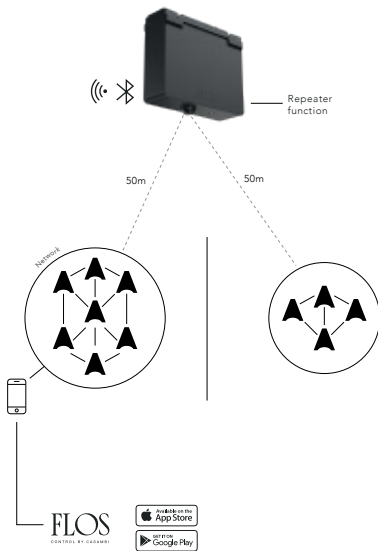
Multifunction Smart Device. Triple functionality 3x1: Casambi signal repeater, light sensor and presence detector. FLOS Control® by Casambi.



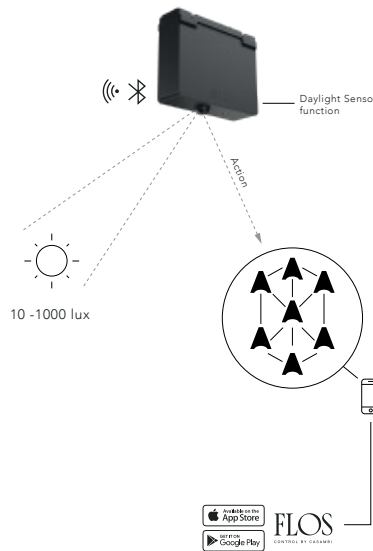
06.1987.40  
06.1987.14

## Multifunction Smart Device. Triple Functionality 3x1

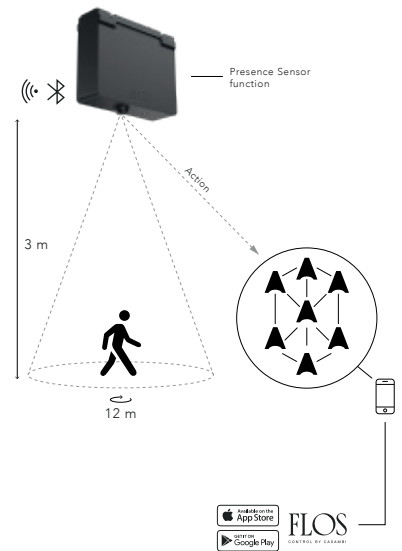
### Repeater



### Daylight Sensor



### Presence Sensor



▲ Casambi object

THE TRACKING MAGNET  
DESIGNED BY FLOS ARCHITECTURAL

FLOS  
CONTROL BY CASAMBI



RECESSED

SURFACE

SUSPENSION  
UP&DOWN/DOWN



Recessed Profiles  14 Nero  
14 Black

Surface/Suspension Profiles  14 Nero  
14 Black

40 Bianco  
40 White

05 Alluminio Lucido  
05 Polished Aluminium



Surface  
Flos Kit  
Installation



Recessed  
Flos Kit  
Installation



Recessed  
Conventional  
Installation



Anthony Spot

# THE TRACKING MAGNET

## Descrizione

Rinnovato sistema di illuminazione da interno, per installazione in sospensione, in superficie e da incasso in pareti/soffitti di cartongesso. Nella nuova proposta, oltre alla conosciuta versione "On Board Dimmer", Flos fa un passo avanti, aggiungendo binario e corpi illuminanti che possono essere controllati anche con differenti sistemi di controllo remoto: DALI, 1-10V e Casambi. Esistono tre versioni di profilo (incasso, superficie/sospensione e Up&Down), tutte realizzate con estrusione di alluminio, max 3m, estruso in bianco, nero o alluminio lucido, dotato di conduttori elettrici a 48V. Inoltre, le versioni controllabili a sistema (DALI, 1-10V), sono dotate di un bus dati in grafite per la regolazione. Sistema magnetico di installazione dei corpi illuminanti. La famiglia Tracking Magnet si completa con moduli di illuminazione ambientale e d'accento, con diverse ottiche. Gli apparecchi di illuminazione sono disponibili con potenziometro integrato, dimmerazione DALI, 1-10V e Casambi.

## Controllo

- Per installazione di corpi illuminanti "On Board Dimmer" usare la versione di binario "On Board Dimmer". I corpi illuminanti in versione DALI e 1-10V sono compatibili esclusivamente con il profilo in versione DALI, 1-10V. I corpi illuminanti in versione Casambi sono compatibili con tutti i profili. - Per la gestione mediante protocollo DALI è necessario collegare il bus dati di controllo direttamente al profilo. - Per il controllo 1-10V è necessario attivare il sistema di controllo (SOURCE, il driver genera il segnale di tensione) e collegare il bus dati di controllo direttamente al profilo. Se il driver è di tipo passivo (SINK) è necessaria l'unità Control Dimming box (situata tra l'unità di controllo e la guida), da ordinare separatamente nella sezione accessori. Con il sistema di gestione 1-10V tutti gli apparecchi vengono regolati contemporaneamente (in blocco o broadcast). - Per gestione con il sistema Casambi (Max. 200 apparecchi) è necessario ordinare apparecchi di illuminazione in versione Casambi. Questi sono compatibili con tutti i profili disponibili nel sistema. Per la gestione e controllo del sistema Casambi è necessario scaricare la app FLOS Control® powered by Casambi (disponibile in Apple Store e Google Play) per dispositivi mobili. Per garantire la comunicazione del segnale DALI o 1-10V sarà permesso un massimo di 20 interconnessioni tra guide tagli compresi, o 20 metri. Per garantire la comunicazione del segnale DALI o 1-10V il sarà permesso un numero massimo di 7 tagli di guida. La versione UP&DOWN presenta un'interfaccia DALI compatibile per il controllo dell'illuminazione indiretta. Attenzione: trattandosi di un componente DALI compatibile, potrebbe non rispondere a funzioni avanzate del protocollo DALI. Per ulteriori informazioni si prega di consultare le caratteristiche tecniche nella pagina web Flos. La versione UP&DOWN può essere controllata in modo indipendente mediante DALI. Compatibilità con "BTicino My Home" (consultare il Front Office).

## Unità di Alimentazione

Alimentatore remoto a 48V non compreso.

## Accessori

Per il modulo di illuminazione Anthony Spot esistono lenti ellittiche, flood (da utilizzare con Anthony Spot Medium) ed elementi antiabbagliamento. Per i moduli di illuminazione Spot tracking gli accessori honeycomb e filtro a croce antiabbagliamento incorporati nel prodotto, ad eccezione della finitura cromata. Le versioni Suspension offrono due sistemi di sospensione che si devono ordinare separatamente: aste rigide per evitare l'inclinazione del profilo (strutture rettilinee senza angoli) o per installazioni dove è necessario un sistema di fissaggio più rigido, oltre al cavo d'acciaio consigliato se nella struttura è compreso un angolo, dove l'inclinazione non comparirà mai.

## Informazioni Aggiuntive

La versione Recessed può essere installata solo su superfici di cartongesso di 12,5mm di spessore. The Tracking Magnet è un sistema elettrico alimentato a 48V e limitato a una corrente massima di 8A - 48Vdc per evitare sovraccarichi. Lunghezza massima con un solo driver 20m. Grado di protezione IP20. Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti.

## Description

Renewed indoor lighting system for surface, suspended and recessed in plasterboard wall/ceiling installation. In the new proposal, beside the successful "On Board Dimmer" version, FLOS goes one step beyond, launching both track and luminaires designed for system management in a variety of options: DALI, 1-10V and Casambi. There are three profile versions (recessed, surface/suspension and Up&Down), all manufactured with aluminium profiling of a maximum of 3m extruded in white, black or polished aluminium, provided with electric tracks powered at 48V. Furthermore, the system controlled versions (DALI, 1-10V) are equipped with graphite data bus for regulation. Luminaires are installed through a magnetic fixing system. The Tracking Magnet product group is complemented with ambient and accent lighting modules, with different optics. The light fixtures are available with potentiometer incorporated, dimmable DALI, 1-10V or Casambi for remote setting.

## Control

- For installation of "On Board Dimmer" fixtures use "On Board Dimmer" track version. Luminaires DALI and 1-10V are only compatible with track DALI, 1-10V. Casambi luminaires can be installed on all profiles available in the system. - To manage using DALI protocol, it is necessary to connect the control data bus directly to the profile. - For the 1-10V management, the control system needs to be active (SOURCE, the controller generates the power signal) and the control data bus needs to be directly connected to the profile. If the controller is passive (SINK), the Control Dimming box unit will be necessary. It is located between the control unit and the track, and it must be ordered separately from the accessories department. In the 1-10V management system, all luminaires are dimmed at the same time (as a block or broadcast). - For Casambi management (Max. 200 luminaires) it is mandatory to use fixtures in the Casambi version, these are compatible with all profiles available in the system. For managing and controlling the Casambi system, the FLOS Control® app powered by Casambi for mobile devices is necessary (available in the Apple Store and Google Play). Maximum number of track interconnections to guarantee the communication of the DALI or 1-10V signal: 20 interconnections including cuts, or 20 meters. Maximum number of track cuts to guarantee the communication of the DALI or 1-10V signal: 7 cuts. The UP&DOWN version has a compatible DALI interface for controlling indirect lighting. Please note that since it is a DALI compatible component, it may not respond to advanced DALI protocol functions. For more information, see the technical specifications section on the Flos website. The UP&DOWN version can be controlled independently via DALI. Compatible with "BTicino My home" (please consult Front Office).

## Power Supply

Remote 48V power supply not included.

## Accessories

For the Anthony Spot lighting module there are elliptical, flood lenses (to be used with Anthony Spot Medium) and screening elements. For the Spot tracking lighting modules, the honeycomb and screening crossbrace accessories are incorporated in the product, except for the chrome finish. The Suspension versions offer two suspension systems that must be ordered separately: rigid bars to stop the profile tilting (straight structures with no corners) or for installations requiring a more rigid fixture system, and steel cable, recommended if a corner is included in the structure, where the tilt will not appear in any case.

## Additional Information

Recessed version only to be installed in 12.5mm thick plasterboard surfaces. The Tracking Magnet is a 48V electrical system limited to a maximum power current of 8A - 48Vdc to avoid overloads. Maximum length with a single power source is 20 m. IP20 protection grade. Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# THE TRACKING MAGNET

## LIGHT MODULES

### LIGHT STRIPE



**LIGHT SOURCE**  
TOP LED  
20W/m  
1859 lm/m  
2700K/CRI 90  
1967 lm/m  
3000K/CRI 90

### SPOT 50



**LIGHT SOURCE**  
POWER LED  
3,5W  
286 lm  
2700K/CRI 90  
307 lm  
3000K/CRI 90

### SPOT 90



**LIGHT SOURCE**  
POWER LED  
8,5W  
610 lm  
2700K/CRI 90  
656 lm  
3000K/CRI 90

### SPOT 120



**LIGHT SOURCE**  
POWER LED  
12W  
724 lm  
2700K/CRI 90  
779 lm  
3000K/CRI 90

### SPOT 120



**LIGHT SOURCE**  
LED ARRAY  
12,5W  
1075 lm  
2700K/CRI 90  
1138 lm  
3000K/CRI 90

### SPOT 150



**LIGHT SOURCE**  
LED ARRAY  
22,5W  
2411 lm  
2700K/CRI 90  
2569 lm  
3000K/CRI 90

### LIGHT SHADOW SPOT 30



**LIGHT SOURCE**  
POWER LED  
4,5W  
257 lm  
2700K/CRI 90  
263 lm  
3000K/CRI 90

### LIGHT SHADOW SPOT 45



**LIGHT SOURCE**  
LED ARRAY  
10W  
799 lm  
2700K/CRI 90  
844 lm  
3000K/CRI 90

### LIGHT SHADOW SPOT 60



**LIGHT SOURCE**  
LED ARRAY  
Up to 20W  
Up to 1563 lm  
2700K/CRI 90  
Up to 1751 lm  
3000K/CRI 90

### ANTHONY SPOT TRACK



**LIGHT SOURCE**  
LED ARRAY  
16,5W  
1620 lm  
2700K/CRI 90  
1730 lm  
3000K/CRI 90

### WALLEE



**LIGHT SOURCE**  
TOP LED  
10W  
773 lm  
2700K/CRI 90  
818 lm  
3000K/CRI 90

### MULTIFUNCTION SMART DEVICE



**FLOS CONTROL®**  
by Casambi

# THE TRACKING MAGNET

## Light Stripe

■ 14 Nero  
14 Black



## Spot

□ 40 Bianco  
40 White



■ 05 Acciaio Spazzolato  
05 Brushed Steel



■ 14 Nero  
14 Black



## Light Shadow Spot

□ 40 Bianco  
40 White



■ 14 Nero  
14 Black



■ EQ Rame Spazzolato  
EQ Brushed Copper



■ ER Acciaio Spazzolato  
ER Brushed Steel



■ ES Bronzo Spazzolato  
ES Brushed Bronze



## Anthony Spot Track

□ 40 Bianco  
40 White



■ 05 Acciaio Spazzolato  
05 Brushed Steel



■ 14 Nero  
14 Black



## Walee

□ 40 Bianco  
40 White



■ 14 Nero  
14 Black



## Multifunction Smart Device

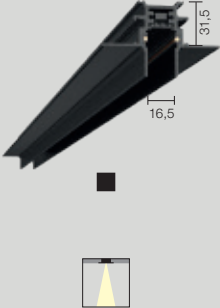








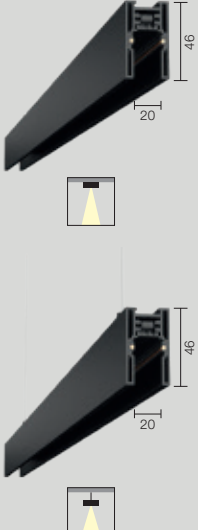











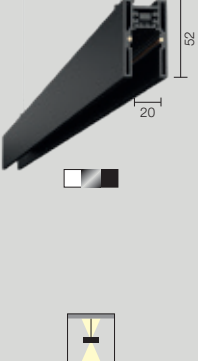









□ 40 Bianco  
40 White



■ 14 Nero  
14 Black



# HOW TO ORDER

1 CHOOSE YOUR PROFILE AND LENGTH	2 COMPLETE WITH MOUNTING ACCESSORIES	
<p><b>RECESSED PROFILE</b></p>  <p>L: 1 / 1,5 / 2 / 2,5 / 3 m</p>	<p>Feed connector</p>  <p>Intermediate connectors</p>  <p>Straight Flexible/Electrical corner</p> <p>Inner corner</p>  <p>mechanical joint</p>	<p>End cap</p>  <p>90° Corner</p>  <p>mechanical joint</p> <p>Outer corner</p>  <p>mechanical joint</p> <p><b>Accessories</b></p> <p>Fixed ceiling kit</p>  <p>Adjustable ceiling kit</p>  <p>or</p>
<p><b>SURFACE / SUSPENSION DOWN PROFILE</b></p>  <p>L: 1 / 1,5 / 2 / 2,5 / 3 m</p>	<p><b>Surface Installation</b></p> <p>Inner corner</p>  <p>mechanical joint</p> <p><b>Surface / Suspension Down Installation</b></p> <p>Feed connector</p>  <p>Intermediate connectors</p>  <p>Straight Flexible/Electrical corner</p>	<p><b>Surface Accessories</b></p> <p>Kit surface bracket</p>  <p><b>Suspension Down Accessories</b></p> <p>Kit suspension bracket</p>  <p>Intermediate suspension kit</p>  <p>Surface rose</p>  <p>or</p> <p>Recessed rose</p>  <p>Power cable</p>  <p>Rigid rod</p>  <p>or</p> <p>Suspension cable</p> 
<p><b>SUSPENSION UP&amp;DOWN PROFILE</b></p>  <p>L: 1 / 1,5 / 2 / 2,5 / 3 m</p>	<p>Feed unit kit</p>  <p>Intermediate connectors</p>  <p>Straight Flexible/Electrical corner</p> <p>End cap</p> 	<p>90° Corner</p>  <p>mechanical joint</p> <p><b>Accessories</b></p> <p>Intermediate suspension kit</p>  <p>Surface rose</p>  <p>or</p> <p>Recessed rose</p>  <p>Rigid rod</p>  <p>or</p> <p>Suspension cable</p> 



# THE TRACKING MAGNET

## 3 SELECT POWER SUPPLY AND CONTROL OPTION

(select the driver with the appropriate power according to the needs of your project)

### Remote power supply

Profiles: Recessed, Surface & Suspension Down

#### On board dimmer / Casambi / Dali



185W or 320W

1-10V

+



1-10V control box

(needed only to transform sink into source control signal)



185W or 320W

### Remote power supply

Profile: Suspension Up & Down

#### On board dimmer / Casambi



185W or 320W

Dali

+



DALI Push

Up Control

1-10V

+



1-10V Push

+



1-10V control box

(needed only to transform sink into source control signal)



185W or 320W

Up Control

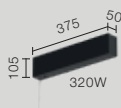
Down Control

### Surface power supply

#### On board dimmer / Casambi / Dali / \*1-10V

(\*only for 1-10V source signal)

Profile:  
Suspension Down



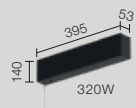
375

50

105

320W

Profile:  
Suspension Up & Down



395

53

140

320W

## 4 SELECT A LIGHT MODULE AND CONTROL OPTION

### Dali / 1-10V / Casambi / On board dimmer

#### Light Stripe



General lighting

#### Spot 50



M

#### Spot 90



S/M

#### Spot 120



S/M/F

#### Spot 150



S/M/F

#### Light Shadow Spot 30



S/M/F/W/F

#### Light Shadow Spot 45



S/M/F

#### Light Shadow Spot 60



SS/S/M/F/W/F

#### Anthony Spot Track



S/M

### Wallee



General lighting

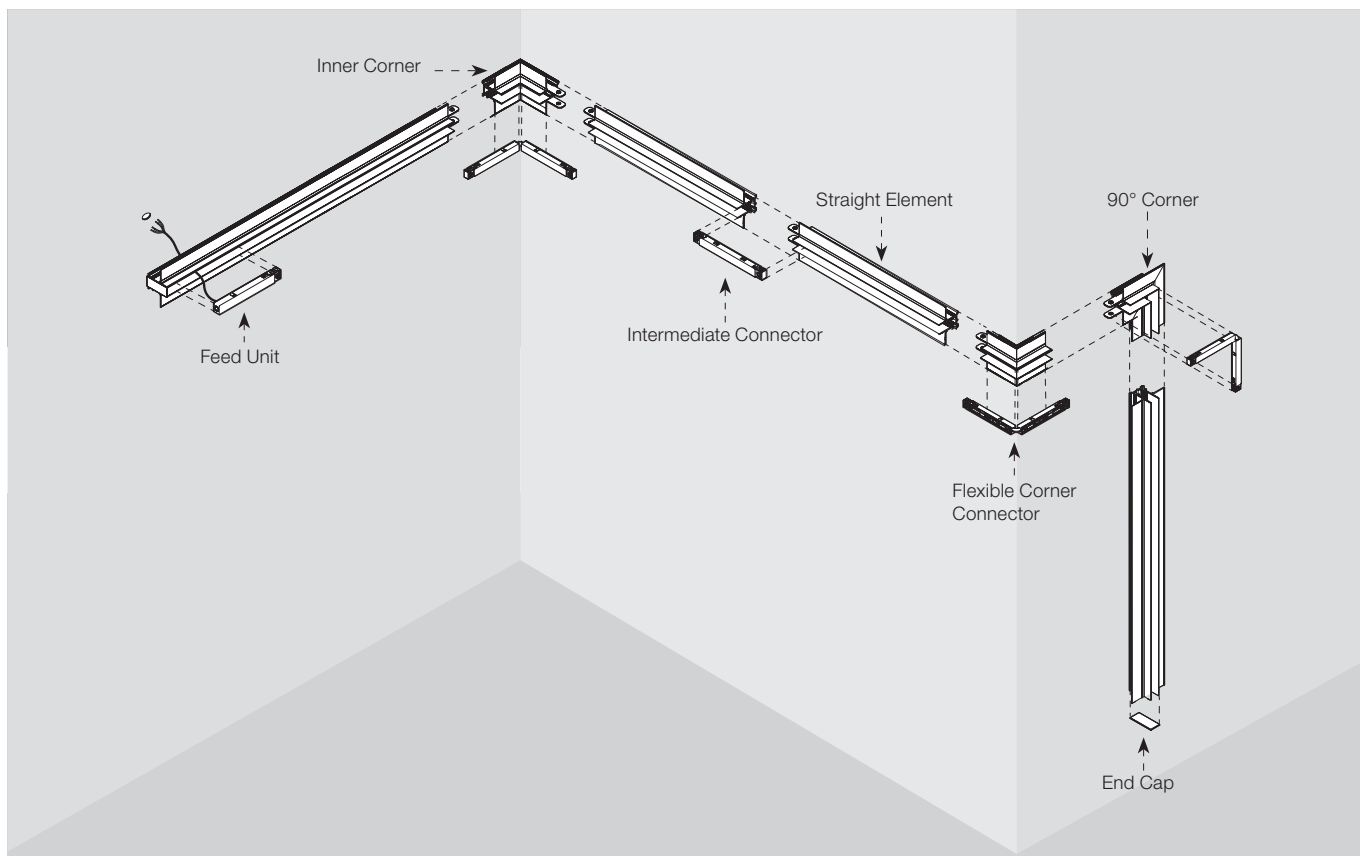
### Multifunction Smart Device

FLOS Control® by Casambi



# THE TRACKING MAGNET RECESSED – PROFILES

## RECESSED INSTALLATION



### Profili

Binario elettromeccanico per installazione a incasso in soffitti di cartongesso con lunghezze da 1 m a 3 m.

Disponibile versione compatibile con apparecchi "On Board Dimmer" e Casambi. Versione compatibile con apparecchi controllabili tramite sistema DALI e 1-10V.

Angoli e connettori comuni per le due versioni di binario.

Necessario ordinare separatamente il connettore di alimentazione, i connettori intermedi e i tappi.

Disponibili angoli meccanici da 90° sullo stesso piano (elemento simmetrico per angolo sinistro e destro), angoli simmetrici da 90° su diverso livello all'interno e all'esterno.

Necessario ordinare separatamente il connettore flessibile per assicurare la continuità elettrica negli angoli.

Non è possibile installare gli spot negli angoli.

Kit di fissaggio, fissi o regolabili, disponibili (opzionale). I kit di fissaggio a soffitto consentono l'installazione senza la necessità di profili di fissaggio in alluminio. Consigliato per impianti in cui si può installare il profilo Tracking Magnet prima del controsoffitto in cartongesso.

### Profiles

Electromechanical profile for recessed installation in plasterboard ceilings and walls, available in lengths from 1m to 3m.

A version compatible with 'On Board Dimmer' and Casambi light fixtures is available. Version compatible with controllable lights such as DALI and 1-10V systems. Corners, connectors and accessories common for the two profile versions.

Feed connector, intermediated connector and end-caps to be ordered separately.

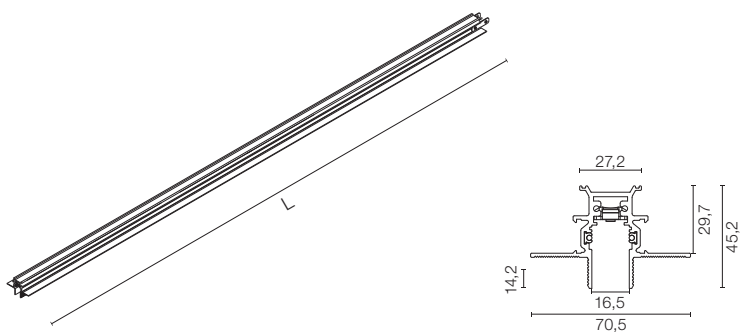
Mechanical 90° corners available in the same plane (symmetrical element for left and right corners), symmetrical 90° inner and outer corners in different planes.

Intermediate connectors to be ordered separately if electrical continuity on corners is required.

Corners do not admit installation of spots.

Fixed or adjustable fastening kits available (optional). The fastening kits for the roof permit installing without using aluminium fastening profiles.

Recommended for installations where the Tracking Magnet can be installed before the suspended plasterboard ceiling.



#### On board dimmer / Casambi

- L: 1000 mm
- 06.5050.14
- L: 1500 mm
- 06.5051.14
- L: 2000 mm
- 06.5052.14
- L: 2500 mm
- 06.5053.14
- L: 3000 mm
- 06.5054.14

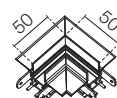
#### DALI / 1-10V / Casambi

- L: 1000 mm
- 06.5040.14
- L: 1500 mm
- 06.5041.14
- L: 2000 mm
- 06.5042.14
- L: 2500 mm
- 06.5043.14
- L: 3000 mm
- 06.5044.14

# THE TRACKING MAGNET RECESSED – PROFILES

Angolo meccanico 90°.  
Per creare continuità elettrica  
richiedere il connettore intermedio  
flessibile.

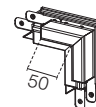
90° mechanical corner.  
To create electrical continuity,  
order with the flexible intermediate  
connector.



06.5045.14

Angolo meccanico interno.  
Per creare continuità elettrica  
richiedere il connettore intermedio  
flessibile.

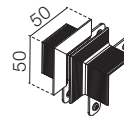
Inner mechanical corner.  
To create electrical continuity,  
order with the flexible intermediate  
connector.



06.5046.14

Angolo meccanico esterno.  
Per creare continuità elettrica  
richiedere il connettore intermedio  
flessibile.

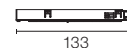
Outer mechanical corner.  
To create electrical continuity,  
order with the flexible intermediate  
connector.



06.5047.14

Connettore di alimentazione.

Feed connector.



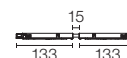
08.0611.14

Connettore intermedio.

Intermediate connector.



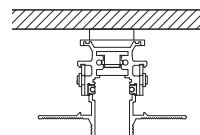
Straight  
08.0612.14



Flexible/Electrical corner  
08.0614.14

Kit di fissaggio a soffitto fisso  
(opzionale). Kit da 2 unità.

Fixed ceiling kit (optional).  
2 unit kit.

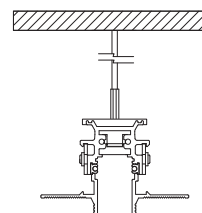


08.8866.14

Profile (mm)	Fixation points	Ceiling Kit to order
1000 / 1500	2	1
2000 / 2500	3	2
3000	4	2

Kit di fissaggio a soffitto regolabile  
(opzionale). Kit da 2 unità.

Adjustable ceiling kit (optional).  
2 unit kit.



08.8867.14

Profile (mm)	Fixation points	Ceiling Kit to order
1000 / 1500	2	1
2000 / 2500	3	2
3000	4	2

Terminale di chiusura. Si devono  
ordinare separatamente. Kit da 2  
unità.

End caps. To be ordered separately.  
2 unit kit.



06.5008.14

## Driver / Drivers

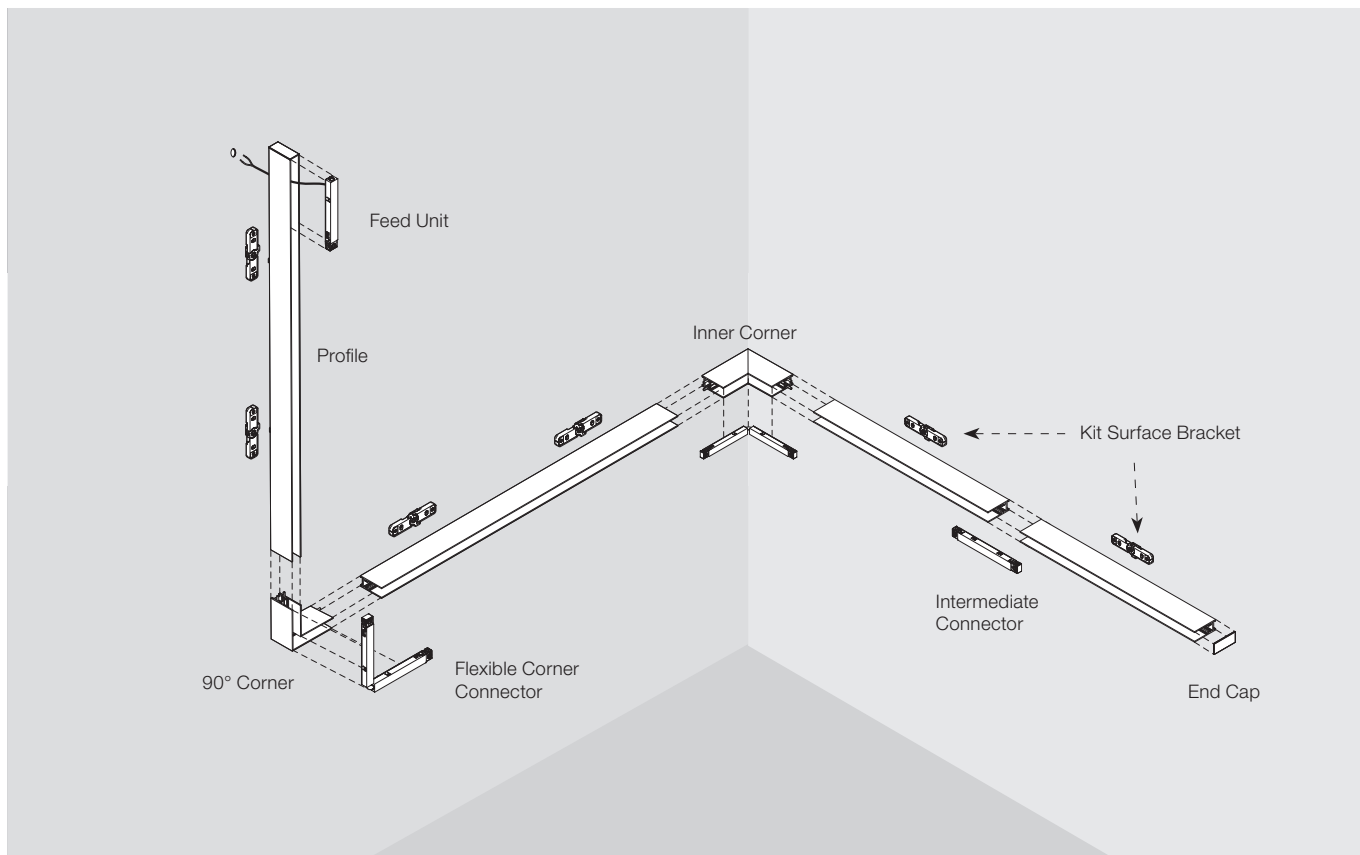
Informazioni comuni con la versione di superficie. Si veda la pagina successiva.  
References shared with surface version. Please see next page.



Remote Drivers

# THE TRACKING MAGNET SURFACE – PROFILES

## SURFACE INSTALLATION

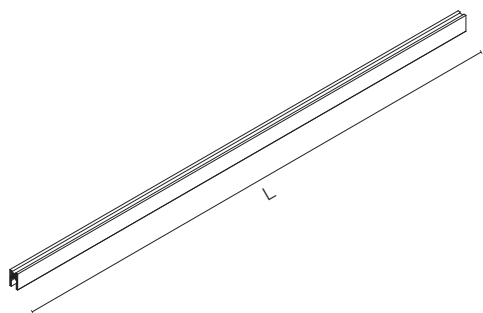


### Profili

Binario elettromeccanico per installazioni in superficie o sospese, con lunghezze da 1 m a 3 m.  
 Disponibile versione compatibile con apparecchi "On Board Dimmer" e Casambi. Versione compatibile con apparecchi controllabili tramite sistema DALI e 1-10V.  
 Angoli e connettori comuni per le due versioni di binario.  
 Necessario ordinare separatamente il connettore di alimentazione, i connettori intermedi, i tappi e gli accessori di fissaggio. Disponibili angoli meccanici da 90° sullo stesso piano (elemento simmetrico per angolo sinistro e destro) e angoli simmetrici da 90° su un piano diverso, all'interno.  
 Necessario ordinare separatamente il connettore flessibile per assicurare la continuità elettrica negli angoli.  
 Non è possibile installare gli spot negli angoli.

### Profiles

Electromechanical profile for surface-mounting, available in lengths from 1m to 3m.  
 A version compatible with 'On Board Dimmer' and Casambi light fixtures is available. Version compatible with controllable lights such as DALI and 1-10V systems. Corners, connectors and accessories common for the two profile versions.  
 Feed connector, intermediated connector, end-caps and attachment accessories to be ordered separately.  
 Mechanical 90° corners available in the same plane (symmetrical element for left and right corner) and 90° symmetrical internal corners in a different plane.  
 Intermediate connectors to be ordered separately if electrical continuity on corners is required.  
 Corners do not admit installation of spots.



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

#### On board dimmer / Casambi

L: 1000 mm

- 06.5060.40
- 06.5060.05
- 06.5060.14

L: 1500 mm

- 06.5061.40
- 06.5061.05
- 06.5061.14

L: 2000 mm

- 06.5062.40
- 06.5062.05
- 06.5062.14

L: 2500 mm

- 06.5063.40
- 06.5063.05
- 06.5063.14

L: 3000 mm

- 06.5064.40
- 06.5064.14

#### DALI / 1-10V / Casambi

L: 1000 mm

- 06.5010.40
- 06.5010.05
- 06.5010.14

L: 1500 mm

- 06.5011.40
- 06.5011.05
- 06.5011.14

L: 2000 mm

- 06.5012.40
- 06.5012.05
- 06.5012.14

L: 2500 mm

- 06.5013.40
- 06.5013.05
- 06.5013.14

L: 3000 mm

- 06.5014.40
- 06.5014.14

# THE TRACKING MAGNET SURFACE/SUSPENSION – PROFILES

Kit Surface Bracket.

Kit Surface Bracket.

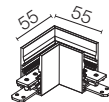


Surface  
08.0615.00

Profile (mm)	Fixation points	Ceiling Kit to order
1000 / 1500 / 2000	2	1
2500	3	2
3000	4	2

Angolo meccanico 90°. Per creare continuità elettrica richiedere il connettore intermedio flessibile.

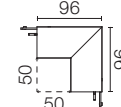
90° mechanical corner. To create electrical continuity, order with the flexible intermediate connector.



06.5015.40  
06.5015.05  
06.5015.14

Angolo interno. Solo per versione surface.

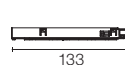
Inner mechanical corner. Only for surface version.



06.5016.40  
06.5016.05  
06.5016.14

Connettore di alimentazione.

Feed connector.



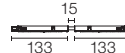
08.0611.14

Connettore intermedio.

Intermediate connector.



Straight  
08.0612.14



Flexible/Electrical corner  
08.0614.14

Terminale di chiusura. Si devono ordinare separatamente. Kit da 2 unità.

End caps. To be ordered separately. 2 unit kit.



06.5017.40  
06.5017.05  
06.5017.14

## Driver / Drivers

Alimentatore LED per installazione remota, 48V/320W. 100/240 Vac.

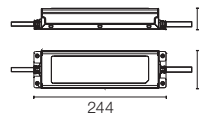
LED power supply source for remote installation, 48V/320W. 100/240 Vac.



\*60.8919

Alimentatore LED per installazione remota, 110Vac-135W / 220Vac-200W.

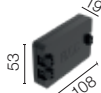
LED power supply source for remote installation, 110Vac-135W / 220Vac-200W.



\*60.9607

Scatola di controllo dimmerabile da 1-10V, 24/48V. Per installazione remota. Per trasformare sistemi passivi (SINK) in attivi (SOURCE). Deve essere posizionata tra l'unità di controllo e il binario. Nota importante: Massimo 25 moduli di luce.

Control dimming box, 1-10V, 24/48V. For remote installation. For transforming passive systems (SINK) into active systems (SOURCE). It must be positioned between the control unit and the track. Important note: Maximum of 25 light modules.



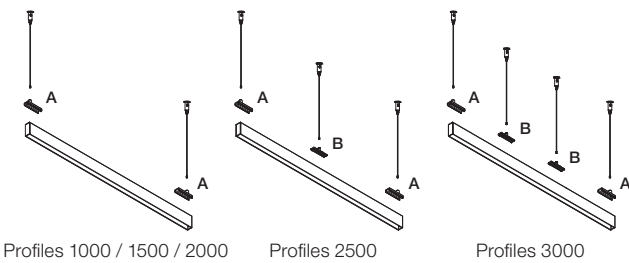
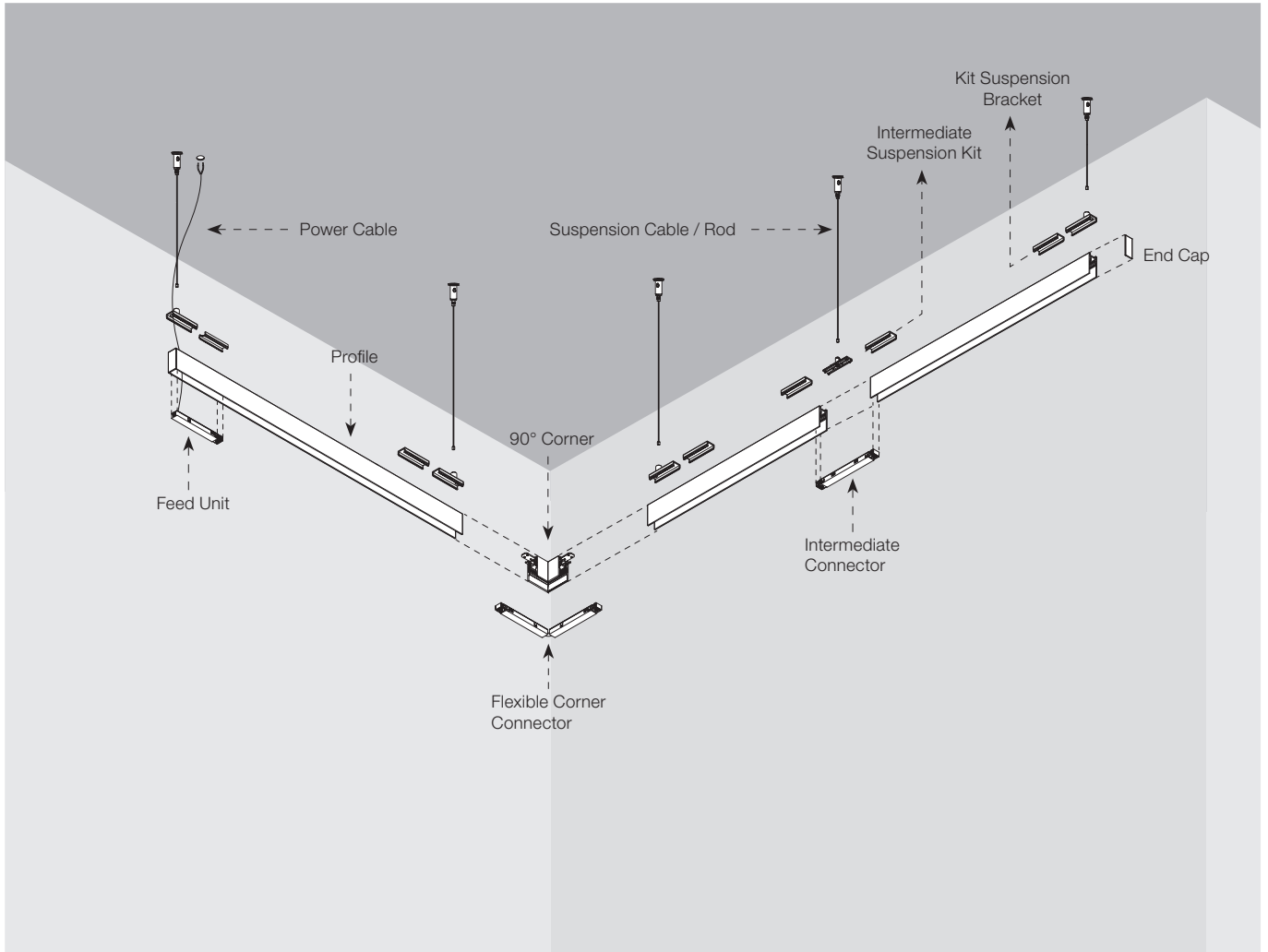
DIM 1-10V - 24/48V  
08.0613.14A

È necessario un sistema di controllo attivo (SOURCE) e il collegamento del bus di dati di controllo direttamente al profilo. Per sistemi passivi (SINK) è necessaria l'unità di controllo Dimming BOX (posizionata tra l'unità di controllo e il binario). / An active control system (SOURCE) is required and the data bus must be connected directly to the profile. For passive systems (SINK), a Dimming BOX Control unit is required (located between the control unit and the profile).

\* Per il dimensionamento dell'impianto, mantenere un margine di sicurezza di circa il 15% della potenza massima dell'alimentatore LED. / For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

# THE TRACKING MAGNET SUSPENSION DOWN

## SUSPENSION DOWN INSTALLATION



Profile (mm)	Fixation points	Kits to order
1000 / 1500 / 2000	2	1A
2500	3	1A + 1B
3000	4	1A + 2B

**A** Kit suspension Bracket

**B** Intermediate Suspension Kit

(\*) Suspension Cable/Rod must be ordered separately

### Profili e Driver / Profiles & Drivers

Informazioni comuni con la versione di superficie. Si veda la pagina anteriore.  
References shared with surface version. Please see previous page.



Profile



90° Corner



End Cap



Feed Unit



Intermediate Connector



Flexible Corner Connector



Remote Drivers

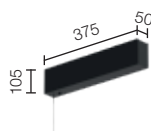
# THE TRACKING MAGNET SUSPENSION DOWN / UP&DOWN

## Accessori / Accessories

### Suspension Down

Scatola di alimentazione a superficie con apparecchio incluso 320W/48Vdc. Cavo trasparente a 4 poli e di 4m compreso. Non valido per installazioni con aste di sospensione. Per controllare 1-10V usare solo segnali attivi.

Surface power supply with 320W / 48Vdc driver included. 4-meter, 4-pole transparent cable included. Not suitable for installations with suspension rods. For 1-10V control, use only active signals.



08.0600.40  
08.0600.14

Cavo di alimentazione trasparente 4 poli, sezione 0,75 mm<sup>2</sup> e lunghezza 4m. Da usare con i driver remoti.

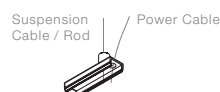
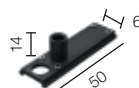
4-pole, 0.75 mm<sup>2</sup> section, 4-meter long, transparent power cable. To use with remote drivers.



06.0157.00

Kit Surface Bracket.

Kit Surface Bracket.



Suspension Cable / Rod  
Power Cable  
Suspension  
08.0616.00

### Suspension Down / Up & Down

Kit di sospensione intermedio per unione profili. Include la connessione elettrica della parte superiore. Connettore intermedio necessario da ordinare separatamente. Cavo in acciaio non incluso.

Intermediate suspension kit for joining profiles. It includes the electrical connection of the upper part. An intermediate connector is necessary. It must be ordered separately. Steel cable not included.



08.0627.00

Tige di sospensione con rosone 1 m filetto m6. Incompatibile con cassetta di alimentazione a superficie.\*/\*\*

1 m suspension rod with ceiling rose. M6 thread. Not applicable with a Surface power box.\*/\*\*



60.3014.11  
60.3014.14

Set prolunga tige sospensione 1 m filetto m6.\*/\*\*

1 m suspension rod extension set m6 thread.\*/\*\*



60.3097.11  
60.3097.14

Cavo in acciaio di 4m per sospensione, consigliato se la struttura presenta uno o più angoli, dato che in queste strutture la guida non si inclina, anche se non si compensa il peso degli apparecchi. \*

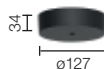
A 4-meter steel suspension cable is recommended if the structure includes one or more angles, since in these structures the track does not tilt even if the weight of the luminaires is not balanced.\*



08.8634.00

Rosone di alimentazione di superficie. Apparecchio, cavi di alimentazione e sospensione non forniti, da ordinare separatamente. Non valido per installazioni con aste di sospensione.

Surface rose. Equipment, power cable and suspension cable not included. They must be ordered separately. Not suitable for installations with suspension rods.



08.8883.40A  
08.8883.14A

Rosone di alimentazione incassato. Apparecchio, cavi di alimentazione e sospensione non forniti, da ordinare separatamente. Non valido per installazioni con aste di sospensione.

Recessed power supply rose. Equipment, power cable and suspension cable not included. They must be ordered separately. Not suitable for installations with suspension rods.



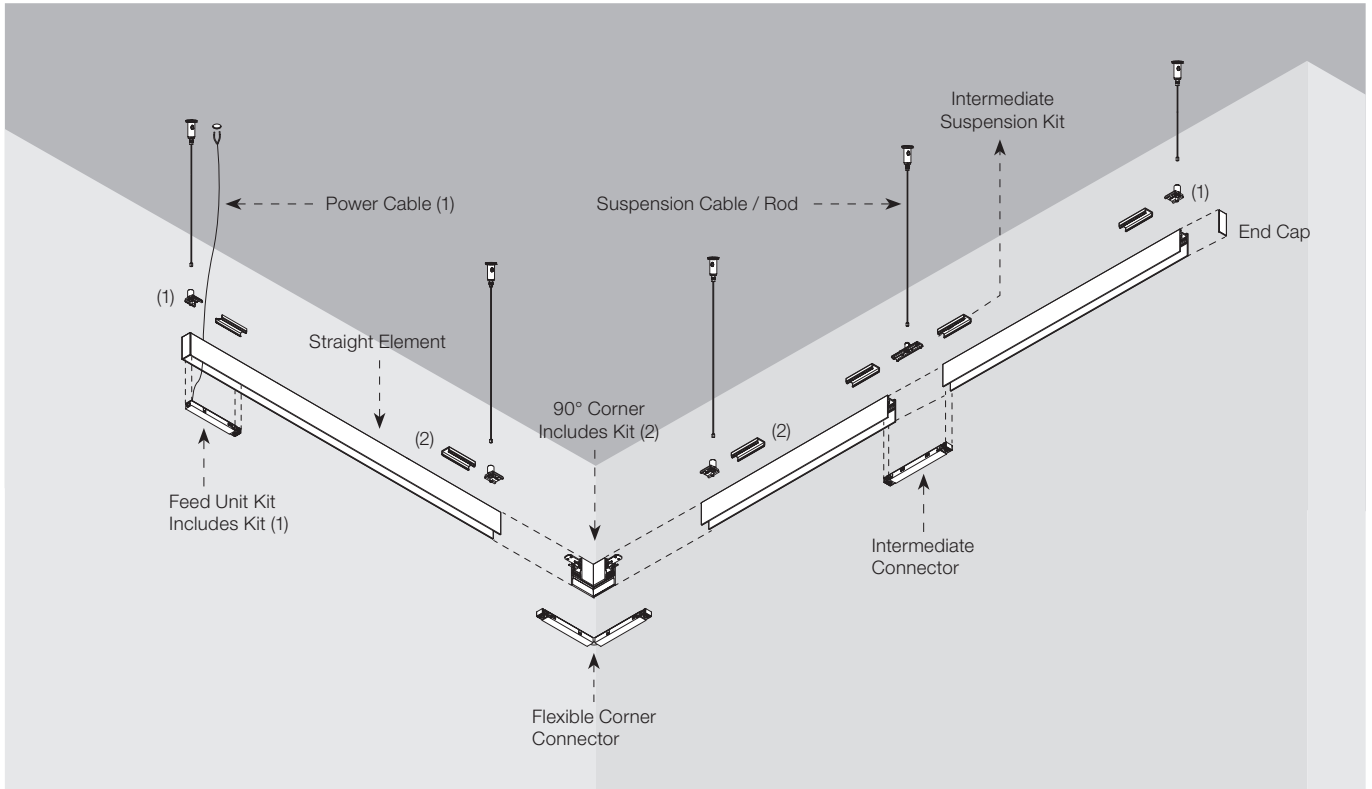
08.8889.40  
08.8889.14

\* Aste rigide per evitare l'inclinazione del profilo (strutture rettilinee senza angoli) o per installazioni in cui è necessario un sistema di fissaggio più rigido.

\* Rigid rod to avoid the profile from tilting (rectilinear structures without corners) or to be installed in places where a more rigid fixing system is required.

# THE TRACKING MAGNET SUSPENSION UP&DOWN – PROFILES

## SUSPENSION UP&DOWN INSTALLATION

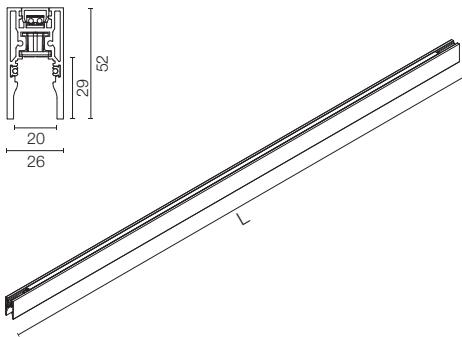


### Profili

Profilo elettromeccanico per installazioni sospese. Gli elementi lineari in versione Up&Down includono illuminazione LED indiretta nella parte superiore del profilo. Disponibile versione compatibile con apparecchi "On Board Dimmer" e Casambi. Versione compatibile con apparecchi controllabili tramite sistema DALI e 1-10V. I profili non si possono tagliare. I tappi devono essere ordinati separatamente. Accessori di sospensione (cavo in acciaio e bacchette) si devono ordinare separatamente. Disponibili angoli da 90° sullo stesso piano (elemento simmetrico per angolo sinistro e destro). Gli angoli non hanno illuminazione indiretta. L'illuminazione indiretta si controlla con circuito comune alla luce diretta o separatamente. La versione Up&Down può essere controllata in modo indipendente mediante DALI.

### Profiles

Electrical/mechanical profile for suspended installations. The linear elements in the Up&Down version include indirect LED lighting in the upper part of the profile. A version compatible with 'On Board Dimmer' and Casambi light fixtures is available. Version compatible with controllable lights such as DALI and 1-10V systems. The profiles cannot be cut. The end caps must be ordered separately. Suspension accessories (steel cable and rods) should be ordered separately. 90° corners available in the same plan (symmetrical element for left and right corners). The corners do not have indirect lighting. Indirect lighting can be controlled either through the same circuit than direct lighting or independently. The Up&Down version can be controlled independently via DALI.



L: 1 m / 1,5 m / 2 m / 2,5 m / 3 m

**Light Source:** Top LED 6,5W/m Up - 630 lm/m Up - 3000K/CRI 80

#### On board dimmer / Casambi

L: 1000 mm

06.5070.40  
06.5070.05  
06.5070.14

L: 1500 mm

06.5071.40  
06.5071.05  
06.5071.14

L: 2000 mm

06.5072.40  
06.5072.05  
06.5072.14

L: 2500 mm

06.5073.40  
06.5073.05  
06.5073.14

L: 3000 mm

06.5074.40  
06.5074.14

#### DALI / 1-10V / Casambi

L: 1000 mm

06.5020.40  
06.5020.05  
06.5020.14

L: 1500 mm

06.5021.40  
06.5021.05  
06.5021.14

L: 2000 mm

06.5022.40  
06.5022.05  
06.5022.14

L: 2500 mm

06.5023.40  
06.5023.05  
06.5023.14

L: 3000 mm

06.5024.40  
06.5024.14

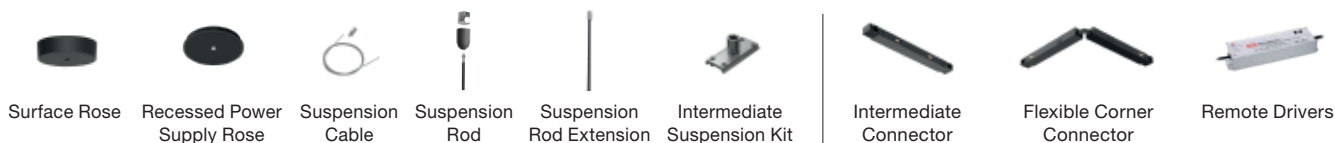


# THE TRACKING MAGNET SUSPENSION UP&DOWN – PROFILES

## Accessori e Driver / Accessories & Drivers

Informazioni comuni con la versione a sospensione Down. Si veda la pagina anteriore.  
Shared references with Down suspension version. Please see previous page.

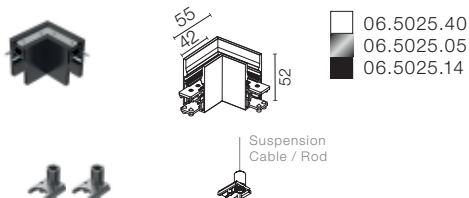
Informazioni comuni con la versione di superficie. Si veda la pagina.  
References shared with surface version. Please see previous page.



## Accessori / Accessories

Angolo meccanico 90°.  
Due connessioni finali di sospensione incluse. Cavo in acciaio non incluso. Senza illuminazione nella parte superiore. Connessioni della parte superiore inclusi.

90° mechanical angle.  
Two end suspension connections included. Steel cable not included. No lighting on the upper part. Upper part connections included.



06.5025.40  
06.5025.05  
06.5025.14

Terminale di chiusura. Si devono ordinare separatamente. Kit da 2 unità.

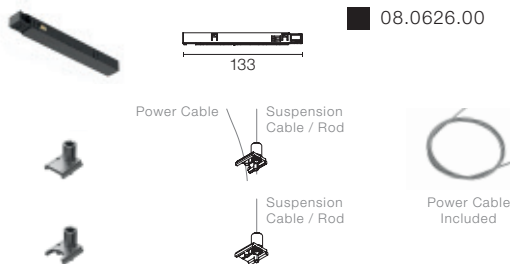
End caps. To be ordered separately. 2 unit kit.



06.5026.40  
06.5026.05  
06.5026.14

Kit d'alimentazione. Include due accessori di sospensione per gli estremi del profilo e cavo elettrico di 6 poli e 4 metri. Cavo in acciaio non incluso. Gli accessori centrali di sospensione sono compresi con il profilo.

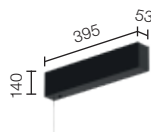
Feed Unit Kit. Includes two suspension accessories for the profile ends and a 6-pole and 4-meter long electrical cable. Steel cable not included. Central suspension accessories are included in the profile.



08.0626.00

Scatola di alimentazione in superficie con apparecchio incluso 320W / 48Vdc. Cavi elettrici e in acciaio non inclusi. Non valido per installazione con aste di sospensione. DALI / 1-10V / 0-10V / No dim.

Surface power supply with driver included 320W / 48Vdc. Steel and electric cables not included. Not valid for installation with suspension rods. DALI / 1-10V / 0-10V / No dim.

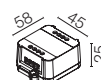


1-10V  
08.0631.40  
08.0631.14  
Dali Version  
08.0632.40A  
08.0632.14A

## Remote Dimmers Accessories

Unità di controllo dimmer DALI per la regolazione di moduli LED, per drivers da 12-24-48V. Alimentatore non incluso. Per controllo di illuminazione indiretta (UP).

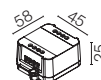
Dimmable Dali control unit for 12-24-48V LED modules. Power supply not included. For controlling indirect lighting (UP).



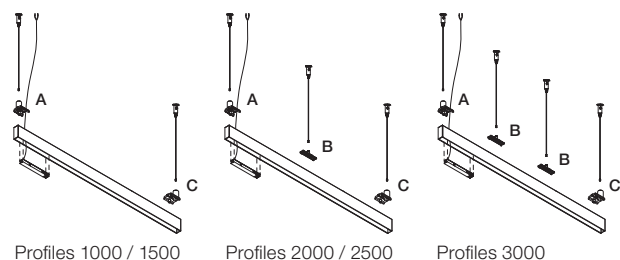
Dali · Push  
Max. 10A  
60.9678A

Uplight dimmer 1-10V Push 48V PWM per controllo di illuminazione indiretta (UP).

1-10V Push 48V PWM Uplight dimmer for controlling indirect lighting (UP).



60.9395



Profile (mm)	Fixation points	Kits to order
1000 / 1500	2	1D
2000 / 2500	3	1D
3000	4	1D

D Feed Unit Kit (A+C)  
B Intermediate Suspension Kit. Included in Up & Down profiles  
(\*) Suspension Cable/Rod must be ordered separately

## THE TRACKING MAGNET – FAQ

### • Posso alimentare una struttura direttamente da un angolo?

Sì, bisogna usare uno o due connettori di alimentazione per i profili lineari vicino all'angolo, in base alla necessità di alimentare solo uno o entrambi i profili collegati.

### • Can I feed a structure directly from a corner?

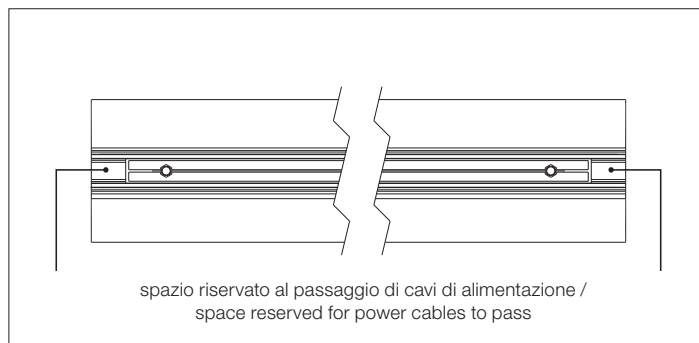
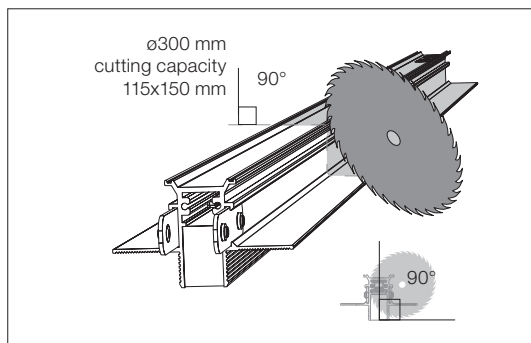
Yes. One or two power connectors must be used for linear profiles along with the corner, depending on whether you want to power just one of the profiles connected to the corner or both profiles.

### • Posso tagliare un profilo?

I profili possono essere tagliati alla misura richiesta, meno nelle versioni Up&Down. Tagliare sempre rispettando lo spazio riservato al passaggio del cavo di alimentazione. La continuità elettrica si ottiene con il connettore intermedio. In caso di necessità di una nuova alimentazione dopo il taglio, si deve trapanare attraverso il passaggio del cavo di alimentazione, nella zona senza pista di grafite riservata a tal fine e utilizzare un connettore di alimentazione; non si deve mai trapanare attraverso le piste di grafite.

### • Can I cut a profile?

Yes, profiles can be cut to the desired size, except for the Up & Down versions. Always cut respecting the space reserved for inserting the power cable. The electrical continuity is done with the intermediate connector. If you need a new power cable after cutting, you must drill the power cable's pass-through hole in the area free of graphite tracks reserved for that purpose and use a feed connector, you should never drill through the graphite tracks.



### • Qual è la distanza massima permessa tra la fonte di alimentazione e il profilo?

Con gli alimentatori raccomandati, la distanza massima ammessa è:

- . Cavo da Ø 1,5 mm: 3 m
- . Cavo da Ø 2,5 mm: 5 m

### • What is the maximum distance allowed between the driver and the profile?

With the recommended power sources, the maximum distance permitted is:

- . Ø1.5 mm cable: 3 m
- . Ø2.5 mm cable: 5 m

### • Qual è la lunghezza massima alimentabile con una fonte di alimentazione in una struttura?

La lunghezza massima di un profilo alimentato con fonte di alimentazione è di 20 metri, o la distanza risultante da 7 interconnessioni, tagli compresi.

### • What is the maximum length that can be fed with one power supply?

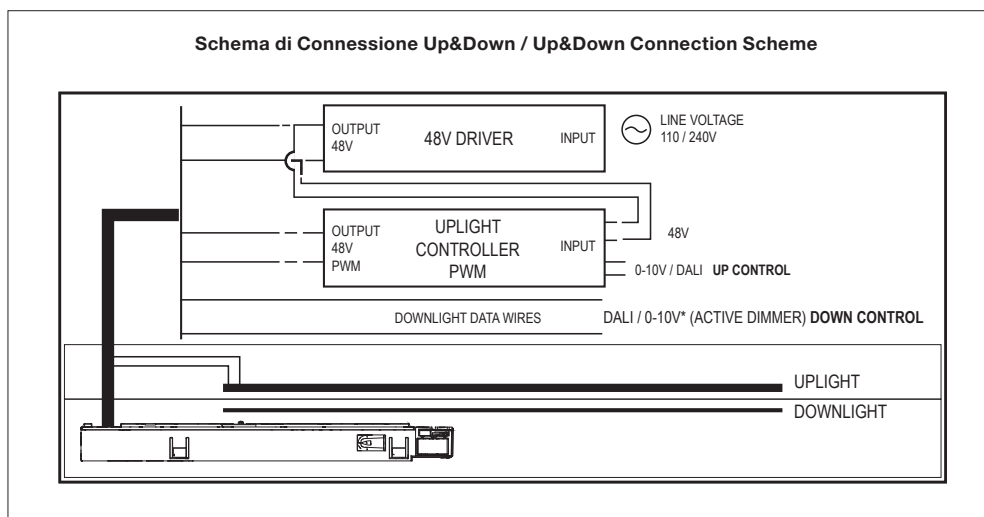
The maximum length of a profile that can be fed with a power supply is 20 meters or the resulting distance after 7 interconnections including cuts.

### • Posso utilizzare una fonte di alimentazione diversa - meno potente?

Tutte le informazioni pubblicate sul nostro sito web, sul catalogo e sulle istruzioni di installazione si basano sui test effettuati con gli alimentatori raccomandati per i nostri prodotti. Deve essere un alimentatore da 48V con una potenza massima di 320W.

### • Can I use a different, less powerful power supply?

All the information published on our website, catalogue and installation instructions meet the tests executed with the power sources recommended for our products. It must be a 48V power source with a maximum power of 320W.

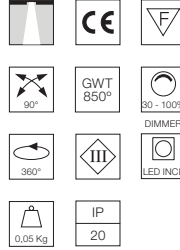
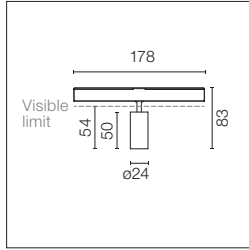




# THE TRACKING MAGNET – LIGHT MODULES

## Spot 50

**Light Source:** Power LED 3,5W - 286 lm - 2700K/CRI 90 / 3,5W - 307 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Tracking Magnet.

Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento), tranne per la finitura cromata.

Accent lighting LED module to be installed in The Tracking Magnet System.

For wireless lighting control, choose integrated Casambi versions.

Accessories included (honeycomb and screening crosspiece) except for the chrome finish.

### 2700K

On board dimmer

- 03.8032.40A
- 03.8032.05A
- 03.8032.14A

\*Dali 2

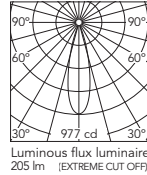
- 03.8032.40ADA
- 03.8032.05ADA
- 03.8032.14ADA

\*1-10V

- 03.8032.40A1V
- 03.8032.05A1V
- 03.8032.14A1V

\*\*Casambi

- 03.8032.40ACB
- 03.8032.05ACB
- 03.8032.14ACB



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	977	0.47
2	244	0.94
3	109	1.41
4	61	1.88
5	39	2.35

Luminous flux luminaire  
205 lm (EXTREME CUT OFF)

### 3000K

On board dimmer

- 03.8033.40A
- 03.8033.05A
- 03.8033.14A

\*Dali 2

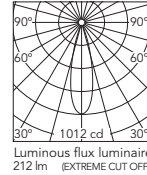
- 03.8033.40ADA
- 03.8033.05ADA
- 03.8033.14ADA

\*1-10V

- 03.8033.40A1V
- 03.8033.05A1V
- 03.8033.14A1V

\*\*Casambi

- 03.8033.40ACB
- 03.8033.05ACB
- 03.8033.14ACB



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1012	0.47
2	253	0.94
3	112	1.41
4	63	1.88
5	40	2.35

Luminous flux luminaire  
212 lm (EXTREME CUT OFF)

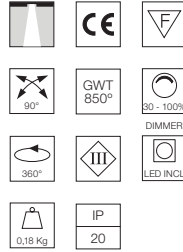
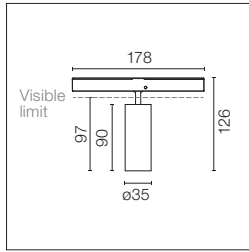
\* Compatibile solo con profili in versione DALI-1-10V / Only compatible with DALI, 1-10V profile version .

\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE TRACKING MAGNET – LIGHT MODULES

## Spot 90

**Light Source:** Power LED 8,5W - 610 lm - 2700K/CRI 90 / 8,5W - 656 lm - 3000K/CRI 50



Modulo di illuminazione LED d'accento da installare nel sistema The Tracking Magnet.

Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento), tranne per la finitura cromata.

Accent lighting LED module to be installed in The Tracking Magnet System.

For wireless lighting control, choose integrated Casambi versions.

Accessories included (honeycomb and screening crosspiece) except for the chrome finish.

### 2700K

On board dimmer

- 03.8042.40A
- 03.8042.05A
- 03.8042.14A

\*Dali 2

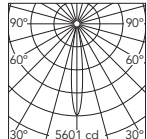
- 03.8042.40ADA
- 03.8042.05ADA
- 03.8042.14ADA

\*\*1-10V

- 03.8042.40A1V
- 03.8042.05A1V
- 03.8042.14A1V

\*\*Casambi

- 03.8042.40ACB
- 03.8042.05ACB
- 03.8042.14ACB



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5601	0.25
2	1400	0.49
3	622	0.74
4	350	0.98
5	224	1.23

Luminous flux luminaire 428 lm (EXTREME CUT OFF)

### 3000K

On board dimmer

- 03.8043.40A
- 03.8043.05A
- 03.8043.14A

\*Dali 2

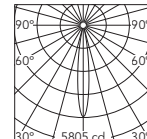
- 03.8043.40ADA
- 03.8043.05ADA
- 03.8043.14ADA

\*\*1-10V

- 03.8043.40A1V
- 03.8043.05A1V
- 03.8043.14A1V

\*\*Casambi

- 03.8043.40ACB
- 03.8043.05ACB
- 03.8043.14ACB



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5805	0.25
2	1451	0.49
3	645	0.74
4	363	0.98
5	232	1.23

Luminous flux luminaire 443 lm (EXTREME CUT OFF)

### 2700K

On board dimmer

- 03.8044.40A
- 03.8044.05A
- 03.8044.14A

\*Dali 2

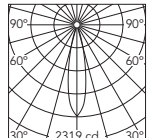
- 03.8044.40ADA
- 03.8044.05ADA
- 03.8044.14ADA

\*\*1-10V

- 03.8044.40A1V
- 03.8044.05A1V
- 03.8044.14A1V

\*\*Casambi

- 03.8044.40ACB
- 03.8044.05ACB
- 03.8044.14ACB



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2319	0.38
2	580	0.77
3	258	1.15
4	145	1.54
5	93	1.92

Luminous flux luminaire 392 lm (EXTREME CUT OFF)

### 3000K

On board dimmer

- 03.8045.40A
- 03.8045.05A
- 03.8045.14A

\*Dali 2

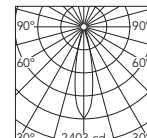
- 03.8045.40ADA
- 03.8045.05ADA
- 03.8045.14ADA

\*\*1-10V

- 03.8045.40A1V
- 03.8045.05A1V
- 03.8045.14A1V

\*\*Casambi

- 03.8045.40ACB
- 03.8045.05ACB
- 03.8045.14ACB



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2403	0.38
2	601	0.77
3	267	1.15
4	150	1.54
5	96	1.92

Luminous flux luminaire 406 lm (EXTREME CUT OFF)

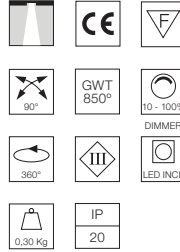
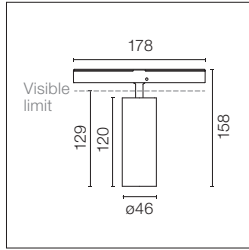
\* Compatibile solo con profili in versione DALI-1-10V / Only compatible with DALI, 1-10V profile version .

\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE TRACKING MAGNET – LIGHT MODULES

## Spot 120

**Light Source:** Power LED 12W - 724 lm - 2700K/CRI 90 / 12W - 779 lm - 3000K/CRI 90



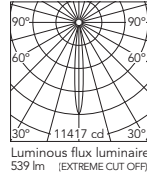
Modulo di illuminazione LED d'accento da installare nel sistema The Tracking Magnet. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Tracking Magnet System. For wireless lighting control, choose integrated Casambi versions.

### 2700K

On board dimmer

- 03.8052.40A
- 03.8052.05A
- 03.8052.14A
- \*Dali 2
- 03.8052.40ADA
- 03.8052.05ADA
- 03.8052.14ADA
- \*1-10V
- 03.8052.40A1V
- 03.8052.05A1V
- 03.8052.14A1V
- \*\*Casambi
- 03.8052.40ACB
- 03.8052.05ACB
- 03.8052.14ACB



Beam Angle: 11°

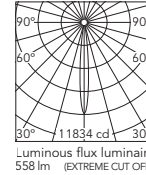
h(m)	E(lx)	D(m)
1	11417	0.19
2	2854	0.37
3	1269	0.56
4	714	0.75
5	457	0.93

Luminous flux luminaire 539 lm (EXTREME CUT OFF)

### 3000K

On board dimmer

- 03.8053.40A
- 03.8053.05A
- 03.8053.14A
- \*Dali 2
- 03.8053.40ADA
- 03.8053.05ADA
- 03.8053.14ADA
- \*1-10V
- 03.8053.40A1V
- 03.8053.05A1V
- 03.8053.14A1V
- \*\*Casambi
- 03.8053.40ACB
- 03.8053.05ACB
- 03.8053.14ACB



Beam Angle: 11°

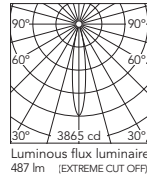
h(m)	E(lx)	D(m)
1	11834	0.19
2	2958	0.37
3	1315	0.56
4	740	0.75
5	473	0.93

Luminous flux luminaire 558 lm (EXTREME CUT OFF)

### 2700K

On board dimmer

- 03.8054.40A
- 03.8054.05A
- 03.8054.14A
- \*Dali 2
- 03.8054.40ADA
- 03.8054.05ADA
- 03.8054.14ADA
- \*1-10V
- 03.8054.40A1V
- 03.8054.05A1V
- 03.8054.14A1V
- \*\*Casambi
- 03.8054.40ACB
- 03.8054.05ACB
- 03.8054.14ACB



Beam Angle: 17°

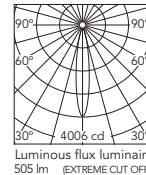
h(m)	E(lx)	D(m)
1	3865	0.29
2	966	0.59
3	429	0.88
4	242	1.18
5	155	1.47

Luminous flux luminaire 487 lm (EXTREME CUT OFF)

### 3000K

On board dimmer

- 03.8055.40A
- 03.8055.05A
- 03.8055.14A
- \*Dali 2
- 03.8055.40ADA
- 03.8055.05ADA
- 03.8055.14ADA
- \*1-10V
- 03.8055.40A1V
- 03.8055.05A1V
- 03.8055.14A1V
- \*\*Casambi
- 03.8055.40ACB
- 03.8055.05ACB
- 03.8055.14ACB



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	4006	0.29
2	1001	0.59
3	445	0.88
4	250	1.18
5	160	1.47

Luminous flux luminaire 505 lm (EXTREME CUT OFF)

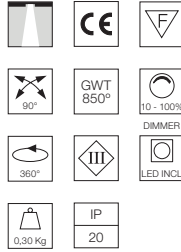
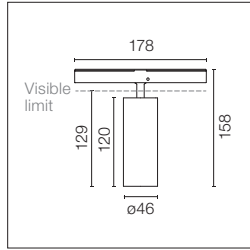
\* Compatibile solo con profili in versione DALI-1-10V / Only compatible with DALI, 1-10V profile version .

\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE TRACKING MAGNET – LIGHT MODULES

## Spot 120

Light Source: LED Array 12,5W - 1075 lm - 2700K/CRI 90 / 12,5W - 1138 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Tracking Magnet.

Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento), tranne per la finitura cromata.

Accent lighting LED module to be installed in The Tracking Magnet System.

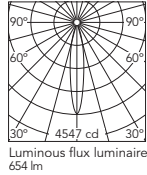
For wireless lighting control, choose integrated Casambi versions.

Accessories included (honeycomb and screening crosspiece) except for the chrome finish.

### 2700K

On board dimmer

- 03.8154.40
- 03.8154.05
- 03.8154.14
- \*Dali 2
- 03.8154.40.DA
- 03.8154.05.DA
- 03.8154.14.DA
- \*1-10V
- 03.8154.40.1V
- 03.8154.05.1V
- 03.8154.14.1V
- \*\*Casambi
- 03.8154.40.CB
- 03.8154.05.CB
- 03.8154.14.CB



Beam Angle: 17°

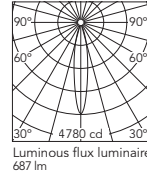
h(m)	E(lx)	D(m)
1	4547	0.31
2	1137	0.61
3	505	0.92
4	284	1.23
5	182	1.53

Luminous flux luminaire 654 lm

### 3000K

On board dimmer

- 03.8155.40
- 03.8155.05
- 03.8155.14
- \*Dali 2
- 03.8155.40.DA
- 03.8155.05.DA
- 03.8155.14.DA
- \*1-10V
- 03.8155.40.1V
- 03.8155.05.1V
- 03.8155.14.1V
- \*\*Casambi
- 03.8155.40.CB
- 03.8155.05.CB
- 03.8155.14.CB



Beam Angle: 17°

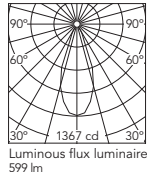
h(m)	E(lx)	D(m)
1	4780	0.31
2	1195	0.61
3	531	0.92
4	299	1.23
5	191	1.53

Luminous flux luminaire 687 lm

### 2700K

On board dimmer

- 03.8156.40
- 03.8156.05
- 03.8156.14
- \*Dali 2
- 03.8156.40.DA
- 03.8156.05.DA
- 03.8156.14.DA
- \*1-10V
- 03.8156.40.1V
- 03.8156.05.1V
- 03.8156.14.1V
- \*\*Casambi
- 03.8156.40.CB
- 03.8156.05.CB
- 03.8156.14.CB



Beam Angle: 40°

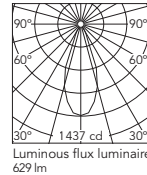
h(m)	E(lx)	D(m)
1	1367	0.73
2	342	1.45
3	152	2.18
4	85	2.91
5	55	3.64

Luminous flux luminaire 599 lm

### 3000K

On board dimmer

- 03.8157.40
- 03.8157.05
- 03.8157.14
- \*Dali 2
- 03.8157.40.DA
- 03.8157.05.DA
- 03.8157.14.DA
- \*1-10V
- 03.8157.40.1V
- 03.8157.05.1V
- 03.8157.14.1V
- \*\*Casambi
- 03.8157.40.CB
- 03.8157.05.CB
- 03.8157.14.CB



Beam Angle: 40°

h(m)	E(lx)	D(m)
1	1437	0.73
2	359	1.45
3	160	2.18
4	90	2.91
5	57	3.64

Luminous flux luminaire 629 lm

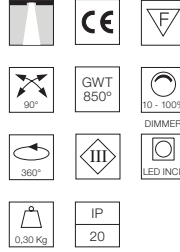
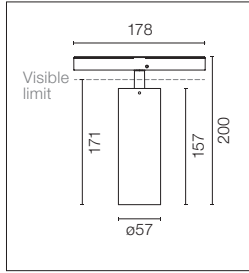
\* Compatibile solo con profili in versione DALI-1-10V / Only compatible with DALI, 1-10V profile version .

\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE TRACKING MAGNET – LIGHT MODULES

## Spot 150

Light Source: LED Array 22,5W - 2411 lm - 2700K/CRI 90 / 22,5W - 2569 lm - 3000K/CRI 90



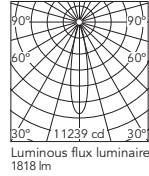
Modulo di illuminazione LED d'accento da installare nel sistema The Tracking Magnet. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Tracking Magnet System. For wireless lighting control, choose integrated Casambi versions.

### 2700K

On board dimmer

- 03.8072.40A
- 03.8072.05A
- 03.8072.14A
- \*Dali 2
- 03.8072.40ADA
- 03.8072.05ADA
- 03.8072.14ADA
- \*1-10V
- 03.8072.40A1V
- 03.8072.05A1V
- 03.8072.14A1V
- \*\*Casambi
- 03.8072.40ACB
- 03.8072.05ACB
- 03.8072.14ACB



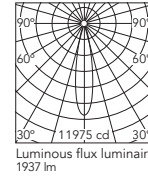
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	11239	0.37
2	2810	0.74
3	1249	1.11
4	702	1.48
5	450	1.85

### 3000K

On board dimmer

- 03.8073.40A
- 03.8073.05A
- 03.8073.14A
- \*Dali 2
- 03.8073.40ADA
- 03.8073.05ADA
- 03.8073.14ADA
- \*1-10V
- 03.8073.40A1V
- 03.8073.05A1V
- 03.8073.14A1V
- \*\*Casambi
- 03.8073.40ACB
- 03.8073.05ACB
- 03.8073.14ACB



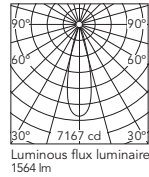
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	11975	0.37
2	2994	0.74
3	1331	1.11
4	748	1.48
5	479	1.85

### 2700K

On board dimmer

- 03.8074.40A
- 03.8074.05A
- 03.8074.14A
- \*Dali 2
- 03.8074.40ADA
- 03.8074.05ADA
- 03.8074.14ADA
- \*1-10V
- 03.8074.40A1V
- 03.8074.05A1V
- 03.8074.14A1V
- \*\*Casambi
- 03.8074.40ACB
- 03.8074.05ACB
- 03.8074.14ACB



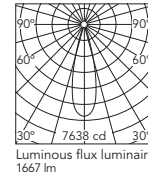
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	7167	0.49
2	1792	0.98
3	796	1.47
4	448	1.96
5	287	2.44

### 3000K

On board dimmer

- 03.8075.40A
- 03.8075.05A
- 03.8075.14A
- \*Dali 2
- 03.8075.40ADA
- 03.8075.05ADA
- 03.8075.14ADA
- \*1-10V
- 03.8075.40A1V
- 03.8075.05A1V
- 03.8075.14A1V
- \*\*Casambi
- 03.8075.40ACB
- 03.8075.05ACB
- 03.8075.14ACB



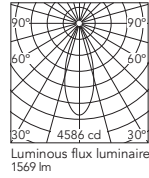
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	7638	0.49
2	1910	0.98
3	849	1.47
4	477	1.96
5	306	2.44

### 2700K

On board dimmer

- 03.8076.40A
- 03.8076.05A
- 03.8076.14A
- \*Dali 2
- 03.8076.40ADA
- 03.8076.05ADA
- 03.8076.14ADA
- \*1-10V
- 03.8076.40A1V
- 03.8076.05A1V
- 03.8076.14A1V
- \*\*Casambi
- 03.8076.40ACB
- 03.8076.05ACB
- 03.8076.14ACB



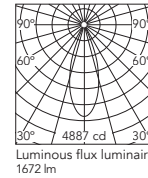
Beam Angle: 36°

h(m)	E(lx)	D(m)
1	4586	0.64
2	1146	1.28
3	510	1.92
4	287	2.56
5	183	3.20

### 3000K

On board dimmer

- 03.8077.40A
- 03.8077.05A
- 03.8077.14A
- \*Dali 2
- 03.8077.40ADA
- 03.8077.05ADA
- 03.8077.14ADA
- \*1-10V
- 03.8077.40A1V
- 03.8077.05A1V
- 03.8077.14A1V
- \*\*Casambi
- 03.8077.40ACB
- 03.8077.05ACB
- 03.8077.14ACB



Beam Angle: 36°

h(m)	E(lx)	D(m)
1	4887	0.64
2	1222	1.28
3	543	1.92
4	305	2.56
5	195	3.20

\* Compatibile solo con profili in versione DALI-1-10V / Only compatible with DALI, 1-10V profile version .







\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.



# THE TRACKING MAGNET – LIGHT MODULES

## Accessori / Accessories

### Spot 150\*\*\*

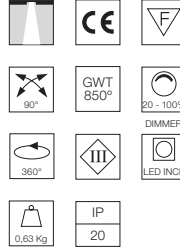
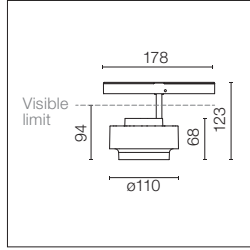
Filtro a croce antiabbagliamento.	Screening crosspiece.		08.8429.00
Lente ellittica.	Elliptical lens.		08.8431.00
Lente flood.	Flood lens.		08.8432.00
Honeycomb.	Honeycomb.		08.8428.00
Cono di schermatura.	Snoot shielding cone.		 08.0526.00 08.0526.40 08.0526.BW

\*\*\* Tranne per la finitura cromata

# THE TRACKING MAGNET – LIGHT MODULES

## Anthony Spot Track By Antonio Citterio

Light Source: LED Array 16,5W - 1620 lm - 2700K/CRI 90 / 16,5W - 1730 lm - 3000K/CRI 90



Modulo di illuminazione LED d'accento da installare nel sistema The Tracking Magnet. Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Accent lighting LED module to be installed in The Tracking Magnet System. For wireless lighting control, choose integrated Casambi versions.

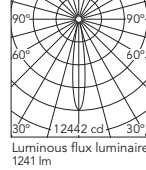
Vedi accessori disponibili.

See available accessories.

### 2700K

On board dimmer

- 03.8025.40
- 03.8025.05
- 03.8025.14
- \*Dali 2
- 03.8025.40.DA
- 03.8025.05.DA
- 03.8025.14.DA
- \*1-10V
- 03.8025.40.1V
- 03.8025.05.1V
- 03.8025.14.1V
- \*\*Casambi
- 03.8025.40.CB
- 03.8025.05.CB
- 03.8025.14.CB



Beam Angle: 15°

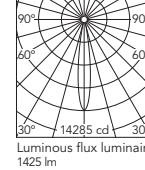
h(m)	E(lx)	D(m)
1	12442	0.27
2	3110	0.54
3	1382	0.81
4	778	1.07
5	498	1.34

Luminous flux luminaire 1242 lm

### 3000K

On board dimmer

- 03.8027.40
- 03.8027.05
- 03.8027.14
- \*Dali 2
- 03.8027.40.DA
- 03.8027.05.DA
- 03.8027.14.DA
- \*1-10V
- 03.8027.40.1V
- 03.8027.05.1V
- 03.8027.14.1V
- \*\*Casambi
- 03.8027.40.CB
- 03.8027.05.CB
- 03.8027.14.CB



Beam Angle: 15°

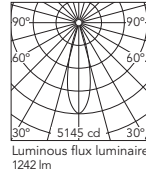
h(m)	E(lx)	D(m)
1	14285	0.27
2	3571	0.54
3	1587	0.81
4	893	1.07
5	571	1.34

Luminous flux luminaire 1425 lm

### 2700K

On board dimmer

- 03.8026.40
- 03.8026.05
- 03.8026.14
- \*Dali 2
- 03.8026.40.DA
- 03.8026.05.DA
- 03.8026.14.DA
- \*1-10V
- 03.8026.40.1V
- 03.8026.05.1V
- 03.8026.14.1V
- \*\*Casambi
- 03.8026.40.CB
- 03.8026.05.CB
- 03.8026.14.CB



Beam Angle: 28°

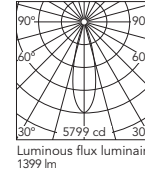
h(m)	E(lx)	D(m)
1	5145	0.49
2	1286	0.98
3	572	1.47
4	322	1.97
5	206	2.46

Luminous flux luminaire 1242 lm

### 3000K

On board dimmer

- 03.8028.40
- 03.8028.05
- 03.8028.14
- \*Dali 2
- 03.8028.40.DA
- 03.8028.05.DA
- 03.8028.14.DA
- \*1-10V
- 03.8028.40.1V
- 03.8028.05.1V
- 03.8028.14.1V
- \*\*Casambi
- 03.8028.40.CB
- 03.8028.05.CB
- 03.8028.14.CB



Beam Angle: 28°

h(m)	E(lx)	D(m)
1	5799	0.49
2	1450	0.98
3	644	1.47
4	362	1.97
5	232	2.46

Luminous flux luminaire 1399 lm




\* Compatibile solo con profili in versione DALI-1-10V / Only compatible with DALI, 1-10V profile version .

\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE TRACKING MAGNET – LIGHT MODULES

## Accessori / Accessories

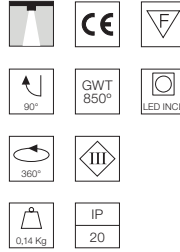
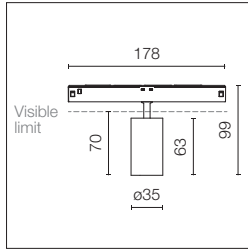
### Anthony Spot

Lente ellittica.	Elliptical lens.		08.8418.68A
Honeycomb.	Honeycomb.		08.8419.14A
Lente flood. Per ottenere l'ottica flood (35°) richiedere Anthony Spot Medium + lente flood.	Flood lens. To obtain flood optics (35°) order Anthony Spot Medium + flood lens.		08.0050.00

# THE TRACKING MAGNET – LIGHT MODULES

## Light Shadow Spot 30

Light Source: Power LED 4,5W - 257 lm - 2700K/CRI 90 / 4,5W - 263 lm - 3000K/CRI 90



Modulo d'illuminazione LED focale da installare nel sistema The Tracking Magnet  
 Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
 Accessori disponibili (schermo nido d'ape e filtri diroici CCT).

LED accent lighting module for installation in The Tracking Magnet system.  
 For wireless control of luminaires, please select Casambi integrated versions.  
 Accessories available, (honeycomb and CCT dichroic filters).

### Optic Spot - 2700K

On board dimmer

- 05.9000.40
- 05.9000.14
- 05.9000.ER
- 05.9000.ES
- 05.9000.EQ

Dali 2

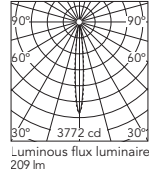
- 05.9000.40.DA
- 05.9000.14.DA
- 05.9000.ER.DA
- 05.9000.ES.DA
- 05.9000.EQ.DA

1-10V

- 05.9000.40.1V
- 05.9000.14.1V
- 05.9000.ER.1V
- 05.9000.ES.1V
- 05.9000.EQ.1V

Casambi

- 05.9000.40.CB
- 05.9000.14.CB
- 05.9000.ER.CB
- 05.9000.ES.CB
- 05.9000.EQ.CB



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	3772	0.18
2	943	0.36
3	419	0.54
4	236	0.72
5	151	0.90

### Optic Spot - 3000K

On board dimmer

- 05.9005.40
- 05.9005.14
- 05.9005.ER
- 05.9005.ES
- 05.9005.EQ

Dali 2

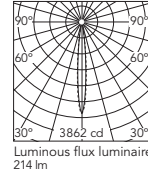
- 05.9005.40.DA
- 05.9005.14.DA
- 05.9005.ER.DA
- 05.9005.ES.DA
- 05.9005.EQ.DA

1-10V

- 05.9005.40.1V
- 05.9005.14.1V
- 05.9005.ER.1V
- 05.9005.ES.1V
- 05.9005.EQ.1V

Casambi

- 05.9005.40.CB
- 05.9005.14.CB
- 05.9005.ER.CB
- 05.9005.ES.CB
- 05.9005.EQ.CB



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	3862	0.18
2	966	0.36
3	429	0.54
4	241	0.72
5	154	0.90

### Optic Medium - 2700K

On board dimmer

- 05.9001.40
- 05.9001.14
- 05.9001.ER
- 05.9001.ES
- 05.9001.EQ

Dali 2

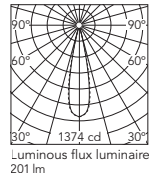
- 05.9001.40.DA
- 05.9001.14.DA
- 05.9001.ER.DA
- 05.9001.ES.DA
- 05.9001.EQ.DA

1-10V

- 05.9001.40.1V
- 05.9001.14.1V
- 05.9001.ER.1V
- 05.9001.ES.1V
- 05.9001.EQ.1V

Casambi

- 05.9001.40.CB
- 05.9001.14.CB
- 05.9001.ER.CB
- 05.9001.ES.CB
- 05.9001.EQ.CB



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1374	0.39
2	344	0.78
3	153	1.17
4	86	1.56
5	55	1.95

### Optic Medium - 3000K

On board dimmer

- 05.9006.40
- 05.9006.14
- 05.9006.ER
- 05.9006.ES
- 05.9006.EQ

Dali 2

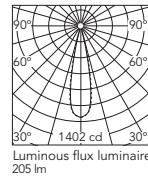
- 05.9006.40.DA
- 05.9006.14.DA
- 05.9006.ER.DA
- 05.9006.ES.DA
- 05.9006.EQ.DA

1-10V

- 05.9006.40.1V
- 05.9006.14.1V
- 05.9006.ER.1V
- 05.9006.ES.1V
- 05.9006.EQ.1V

Casambi

- 05.9006.40.CB
- 05.9006.14.CB
- 05.9006.ER.CB
- 05.9006.ES.CB
- 05.9006.EQ.CB



Beam Angle: 22°

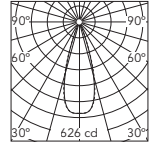
h(m)	E(lx)	D(m)
1	1402	0.39
2	350	0.78
3	156	1.17
4	88	1.56
5	56	1.95

# THE TRACKING MAGNET – LIGHT MODULES

## Optic Flood - 2700K

On board dimmer

- 05.9002.40
- 05.9002.14
- 05.9002.ER
- 05.9002.ES
- 05.9002.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	625	0.60
2	156	1.19
3	69	1.79
4	39	2.39
5	25	2.99

Luminous flux luminaire  
200 lm

Dali 2

- 05.9002.40.DA
- 05.9002.14.DA
- 05.9002.ER.DA
- 05.9002.ES.DA
- 05.9002.EQ.DA

1-10V

- 05.9002.40.1V
- 05.9002.14.1V
- 05.9002.ER.1V
- 05.9002.ES.1V
- 05.9002.EQ.1V

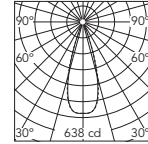
Casambi

- 05.9002.40.CB
- 05.9002.14.CB
- 05.9002.ER.CB
- 05.9002.ES.CB
- 05.9002.EQ.CB

## Optic Flood - 3000K

On board dimmer

- 05.9007.40
- 05.9007.14
- 05.9007.ER
- 05.9007.ES
- 05.9007.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	638	0.60
2	159	1.19
3	71	1.79
4	40	2.39
5	26	2.99

Luminous flux luminaire  
204 lm

Dali 2

- 05.9007.40.DA
- 05.9007.14.DA
- 05.9007.ER.DA
- 05.9007.ES.DA
- 05.9007.EQ.DA

1-10V

- 05.9007.40.1V
- 05.9007.14.1V
- 05.9007.ER.1V
- 05.9007.ES.1V
- 05.9007.EQ.1V

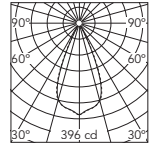
Casambi

- 05.9007.40.CB
- 05.9007.14.CB
- 05.9007.ER.CB
- 05.9007.ES.CB
- 05.9007.EQ.CB

## Optic Wide Flood - 2700K

On board dimmer

- 05.9003.40
- 05.9003.14
- 05.9003.ER
- 05.9003.ES
- 05.9003.EQ



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	396	0.84
2	99	1.69
3	44	2.53
4	25	3.38
5	16	4.22

Luminous flux luminaire  
209 lm

Dali 2

- 05.9003.40.DA
- 05.9003.14.DA
- 05.9003.ER.DA
- 05.9003.ES.DA
- 05.9003.EQ.DA

1-10V

- 05.9003.40.1V
- 05.9003.14.1V
- 05.9003.ER.1V
- 05.9003.ES.1V
- 05.9003.EQ.1V

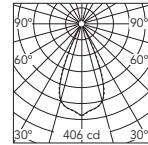
Casambi

- 05.9003.40.CB
- 05.9003.14.CB
- 05.9003.ER.CB
- 05.9003.ES.CB
- 05.9003.EQ.CB

## Optic Wide Flood - 3000K

On board dimmer

- 05.9008.40
- 05.9008.14
- 05.9008.ER
- 05.9008.ES
- 05.9008.EQ



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	406	0.84
2	101	1.69
3	45	2.53
4	25	3.38
5	16	4.22

Luminous flux luminaire  
214 lm

Dali 2

- 05.9008.40.DA
- 05.9008.14.DA
- 05.9008.ER.DA
- 05.9008.ES.DA
- 05.9008.EQ.DA

1-10V

- 05.9008.40.1V
- 05.9008.14.1V
- 05.9008.ER.1V
- 05.9008.ES.1V
- 05.9008.EQ.1V

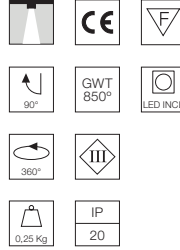
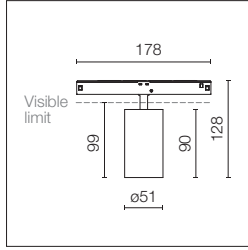
Casambi

- 05.9008.40.CB
- 05.9008.14.CB
- 05.9008.ER.CB
- 05.9008.ES.CB
- 05.9008.EQ.CB

# THE TRACKING MAGNET – LIGHT MODULES

## Light Shadow Spot 45

Light Source: LED Array 10W - 799 lm - 2700K/CRI 90 / 10W - 844 lm - 3000K/CRI 90



Modulo d'illuminazione LED focale da installare nel sistema The Tracking Magnet  
 Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
 Accessori disponibili (schermo nido d'ape e filtri dicroici CCT).

LED accent lighting module for installation in The Tracking Magnet system.  
 For wireless control of luminaires, please select Casambi integrated versions.  
 Accessories available, (honeycomb and CCT dichroic filters).

### Optic Spot - 2700K

On board dimmer

- 05.9030.40
- 05.9030.14
- 05.9030.ER
- 05.9030.ES
- 05.9030.EQ

Dali 2

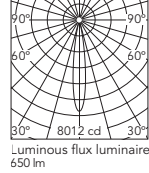
- 05.9030.40.DA
- 05.9030.14.DA
- 05.9030.ER.DA
- 05.9030.ES.DA
- 05.9030.EQ.DA

1-10V

- 05.9030.40.1V
- 05.9030.14.1V
- 05.9030.ER.1V
- 05.9030.ES.1V
- 05.9030.EQ.1V

Casambi

- 05.9030.40.CB
- 05.9030.14.CB
- 05.9030.ER.CB
- 05.9030.ES.CB
- 05.9030.EQ.CB



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8012	0.27
2	2003	0.54
3	890	0.80
4	501	1.07
5	320	1.34

Luminous flux luminaire 650 lm

### Optic Spot - 3000K

On board dimmer

- 05.9035.40
- 05.9035.14
- 05.9035.ER
- 05.9035.ES
- 05.9035.EQ

Dali 2

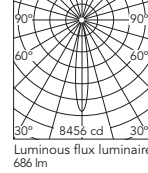
- 05.9035.40.DA
- 05.9035.14.DA
- 05.9035.ER.DA
- 05.9035.ES.DA
- 05.9035.EQ.DA

1-10V

- 05.9035.40.1V
- 05.9035.14.1V
- 05.9035.ER.1V
- 05.9035.ES.1V
- 05.9035.EQ.1V

Casambi

- 05.9035.40.CB
- 05.9035.14.CB
- 05.9035.ER.CB
- 05.9035.ES.CB
- 05.9035.EQ.CB



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	8456	0.27
2	2114	0.54
3	940	0.80
4	528	1.07
5	338	1.34

Luminous flux luminaire 686 lm

### Optic Medium - 2700K

On board dimmer

- 05.9031.40
- 05.9031.14
- 05.9031.ER
- 05.9031.ES
- 05.9031.EQ

Dali 2

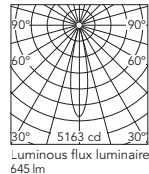
- 05.9031.40.DA
- 05.9031.14.DA
- 05.9031.ER.DA
- 05.9031.ES.DA
- 05.9031.EQ.DA

1-10V

- 05.9031.40.1V
- 05.9031.14.1V
- 05.9031.ER.1V
- 05.9031.ES.1V
- 05.9031.EQ.1V

Casambi

- 05.9031.40.CB
- 05.9031.14.CB
- 05.9031.ER.CB
- 05.9031.ES.CB
- 05.9031.EQ.CB



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5163	0.36
2	1291	0.73
3	574	1.09
4	323	1.46
5	207	1.82

Luminous flux luminaire 645 lm

### Optic Medium - 3000K

On board dimmer

- 05.9036.40
- 05.9036.14
- 05.9036.ER
- 05.9036.ES
- 05.9036.EQ

Dali 2

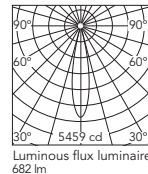
- 05.9036.40.DA
- 05.9036.14.DA
- 05.9036.ER.DA
- 05.9036.ES.DA
- 05.9036.EQ.DA

1-10V

- 05.9036.40.1V
- 05.9036.14.1V
- 05.9036.ER.1V
- 05.9036.ES.1V
- 05.9036.EQ.1V

Casambi

- 05.9036.40.CB
- 05.9036.14.CB
- 05.9036.ER.CB
- 05.9036.ES.CB
- 05.9036.EQ.CB



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5459	0.36
2	1365	0.73
3	607	1.09
4	341	1.46
5	218	1.82

Luminous flux luminaire 682 lm






# THE TRACKING MAGNET – LIGHT MODULES

## Optic Flood - 2700K






On board dimmer

-  05.9032.40
-  05.9032.14
-  05.9032.ER
-  05.9032.ES
-  05.9032.EQ






Dali 2

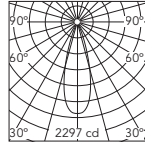
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-  05.9032.14.DA
-  05.9032.ER.DA
-  05.9032.ES.DA
-  05.9032.EQ.DA

1-10V

-  05.9032.40.1V
-  05.9032.14.1V
-  05.9032.ER.1V
-  05.9032.ES.1V
-  05.9032.EQ.1V

Casambi

-  05.9032.40.CB
-  05.9032.14.CB
-  05.9032.ER.CB
-  05.9032.ES.CB
-  05.9032.EQ.CB








Beam Angle: 31°






h(m)	E(lx)	D(m)
1	2296	0.56
2	574	1.11
3	255	1.67
4	144	2.22
5	92	2.78

## Optic Flood - 3000K






On board dimmer

-  05.9037.40
-  05.9037.14
-  05.9037.ER
-  05.9037.ES
-  05.9037.EQ






Dali 2

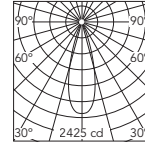
-  05.9037.40.DA
-  05.9037.14.DA
-  05.9037.ER.DA
-  05.9037.ES.DA
-  05.9037.EQ.DA

1-10V

-  05.9037.40.1V
-  05.9037.14.1V
-  05.9037.ER.1V
-  05.9037.ES.1V
-  05.9037.EQ.1V

Casambi

-  05.9037.40.CB
-  05.9037.14.CB
-  05.9037.ER.CB
-  05.9037.ES.CB
-  05.9037.EQ.CB



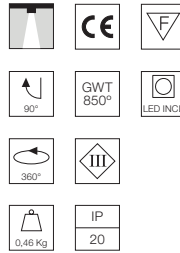
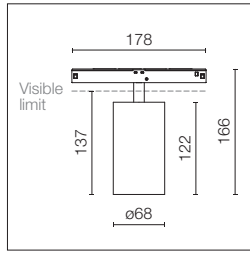
Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2424	0.56
2	606	1.11
3	269	1.67
4	152	2.22
5	97	2.78

# THE TRACKING MAGNET – LIGHT MODULES

## Light Shadow Spot 60

**Light Source:** Super Spot: LED Array 10W - 799 lm - 2700K/CRI 90 / 10W - 844 lm - 3000K/CRI 90  
S/M/F/WF: LED Array 20W - 1563 lm - 2700K/CRI 90 / 20W - 1751 lm - 3000K/CRI 90



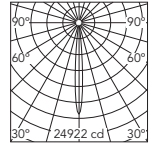
Modulo d'illuminazione LED focale da installare nel sistema The Tracking Magnet  
Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
Accessori disponibili (schermo nido d'ape e filtri dicroici CCT).

LED accent lighting module for installation in The Tracking Magnet system.  
For wireless control of luminaires, please select Casambi integrated versions.  
Accessories available, (honeycomb and CCT dichroic filters).

### Optic Super Spot - 2700K

On board dimmer

- 05.9060.40
- 05.9060.14
- 05.9060.ER
- 05.9060.ES
- 05.9060.EQ



Beam Angle:	9°
	h(m) E(lx) D(m)
1	24922 0.16
2	6230 0.32
3	2769 0.48
4	1558 0.64
5	997 0.80

Luminous flux luminaire 765 lm

Dali 2

- 05.9060.40.DA
- 05.9060.14.DA
- 05.9060.ER.DA
- 05.9060.ES.DA
- 05.9060.EQ.DA

1-10V

- 05.9060.40.1V
- 05.9060.14.1V
- 05.9060.ER.1V
- 05.9060.ES.1V
- 05.9060.EQ.1V

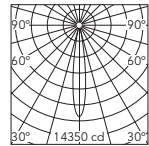
Casambi

- 05.9060.40.CB
- 05.9060.14.CB
- 05.9060.ER.CB
- 05.9060.ES.CB
- 05.9060.EQ.CB

### Optic Spot - 2700K

On board dimmer

- 05.9061.40
- 05.9061.14
- 05.9061.ER
- 05.9061.ES
- 05.9061.EQ



Beam Angle:	15°
	h(m) E(lx) D(m)
1	14350 0.27
2	3587 0.54
3	1594 0.81
4	897 1.09
5	574 1.36

Luminous flux luminaire 1251 lm

Dali 2

- 05.9061.40.DA
- 05.9061.14.DA
- 05.9061.ER.DA
- 05.9061.ES.DA
- 05.9061.EQ.DA

1-10V

- 05.9061.40.1V
- 05.9061.14.1V
- 05.9061.ER.1V
- 05.9061.ES.1V
- 05.9061.EQ.1V

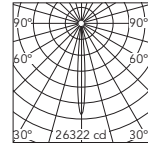
Casambi

- 05.9061.40.CB
- 05.9061.14.CB
- 05.9061.ER.CB
- 05.9061.ES.CB
- 05.9061.EQ.CB

### Optic Super Spot - 3000K

On board dimmer

- 05.9065.40
- 05.9065.14
- 05.9065.ER
- 05.9065.ES
- 05.9065.EQ



Beam Angle:	9°
	h(m) E(lx) D(m)
1	26322 0.16
2	6581 0.32
3	2925 0.48
4	1645 0.64
5	1053 0.80

Luminous flux luminaire 808 lm

Dali 2

- 05.9065.40.DA
- 05.9065.14.DA
- 05.9065.ER.DA
- 05.9065.ES.DA
- 05.9065.EQ.DA

1-10V

- 05.9065.40.1V
- 05.9065.14.1V
- 05.9065.ER.1V
- 05.9065.ES.1V
- 05.9065.EQ.1V

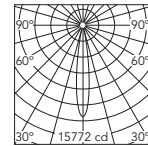
Casambi

- 05.9065.40.CB
- 05.9065.14.CB
- 05.9065.ER.CB
- 05.9065.ES.CB
- 05.9065.EQ.CB

### Optic Spot - 3000K

On board dimmer

- 05.9066.40
- 05.9066.14
- 05.9066.ER
- 05.9066.ES
- 05.9066.EQ



Beam Angle:	15°
	h(m) E(lx) D(m)
1	15772 0.27
2	3943 0.54
3	1752 0.81
4	986 1.09
5	631 1.36

Luminous flux luminaire 1375 lm

Dali 2

- 05.9066.40.DA
- 05.9066.14.DA
- 05.9066.ER.DA
- 05.9066.ES.DA
- 05.9066.EQ.DA

1-10V

- 05.9066.40.1V
- 05.9066.14.1V
- 05.9066.ER.1V
- 05.9066.ES.1V
- 05.9066.EQ.1V

Casambi

- 05.9066.40.CB
- 05.9066.14.CB
- 05.9066.ER.CB
- 05.9066.ES.CB
- 05.9066.EQ.CB

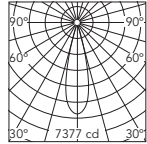


# THE TRACKING MAGNET – LIGHT MODULES

## Optic Medium - 2700K

On board dimmer

- 05.9062.40
- 05.9062.14
- 05.9062.ER
- 05.9062.ES
- 05.9062.EQ



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	7377	0.45
2	1844	0.91
3	820	1.36
4	461	1.82
5	295	2.27

Luminous flux luminaire  
1298 lm

Dali 2

- 05.9062.40.DA
- 05.9062.14.DA
- 05.9062.ER.DA
- 05.9062.ES.DA
- 05.9062.EQ.DA

1-10V

- 05.9062.40.1V
- 05.9062.14.1V
- 05.9062.ER.1V
- 05.9062.ES.1V
- 05.9062.EQ.1V

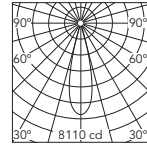
Casambi

- 05.9062.40.CB
- 05.9062.14.CB
- 05.9062.ER.CB
- 05.9062.ES.CB
- 05.9062.EQ.CB

## Optic Medium - 3000K

On board dimmer

- 05.9067.40
- 05.9067.14
- 05.9067.ER
- 05.9067.ES
- 05.9067.EQ



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	8110	0.45
2	2027	0.91
3	901	1.36
4	507	1.82
5	324	2.27

Luminous flux luminaire  
1427 lm

Dali 2

- 05.9067.40.DA
- 05.9067.14.DA
- 05.9067.ER.DA
- 05.9067.ES.DA
- 05.9067.EQ.DA

1-10V

- 05.9067.40.1V
- 05.9067.14.1V
- 05.9067.ER.1V
- 05.9067.ES.1V
- 05.9067.EQ.1V

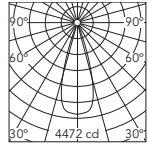
Casambi

- 05.9067.40.CB
- 05.9067.14.CB
- 05.9067.ER.CB
- 05.9067.ES.CB
- 05.9067.EQ.CB

## Optic Flood - 2700K

On board dimmer

- 05.9063.40
- 05.9063.14
- 05.9063.ER
- 05.9063.ES
- 05.9063.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	4472	0.60
2	1118	1.20
3	497	1.80
4	279	2.40
5	179	3.00

Luminous flux luminaire  
1304 lm

Dali 2

- 05.9063.40.DA
- 05.9063.14.DA
- 05.9063.ER.DA
- 05.9063.ES.DA
- 05.9063.EQ.DA

1-10V

- 05.9063.40.1V
- 05.9063.14.1V
- 05.9063.ER.1V
- 05.9063.ES.1V
- 05.9063.EQ.1V

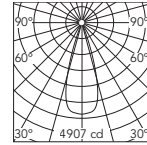
Casambi

- 05.9063.40.CB
- 05.9063.14.CB
- 05.9063.ER.CB
- 05.9063.ES.CB
- 05.9063.EQ.CB

## Optic Flood - 3000K

On board dimmer

- 05.9068.40
- 05.9068.14
- 05.9068.ER
- 05.9068.ES
- 05.9068.EQ



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	4907	0.60
2	1227	1.20
3	545	1.80
4	307	2.40
5	196	3.00

Luminous flux luminaire  
1431 lm

Dali 2

- 05.9068.40.DA
- 05.9068.14.DA
- 05.9068.ER.DA
- 05.9068.ES.DA
- 05.9068.EQ.DA

1-10V

- 05.9068.40.1V
- 05.9068.14.1V
- 05.9068.ER.1V
- 05.9068.ES.1V
- 05.9068.EQ.1V

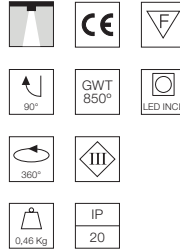
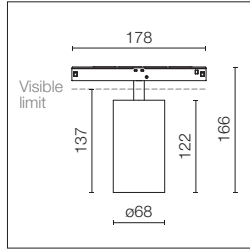
Casambi

- 05.9068.40.CB
- 05.9068.14.CB
- 05.9068.ER.CB
- 05.9068.ES.CB
- 05.9068.EQ.CB

# THE TRACKING MAGNET – LIGHT MODULES

## Light Shadow Spot 60

**Light Source:** Super Spot: LED Array 10W - 799 lm - 2700K/CRI 90 / 10W - 844 lm - 3000K/CRI 90  
S/M/F/WF: LED Array 20W - 1563 lm - 2700K/CRI 90 / 20W - 1751 lm - 3000K/CRI 90



Modulo d'illuminazione LED focale da installare nel sistema The Tracking Magnet  
Per il controllo senza fili dell'apparecchio selezionare la versione Casambi integrated.  
Accessori disponibili (schermo nido d'ape e filtri dicroici CCT).

LED accent lighting module for installation in The Tracking Magnet system.  
For wireless control of luminaires, please select Casambi integrated versions.  
Accessories available, (honeycomb and CCT dichroic filters).

### Optic Wide Flood - 2700K

On board dimmer

- 05.9064.40
- 05.9064.14
- 05.9064.ER
- 05.9064.ES
- 05.9064.EQ

Dali 2

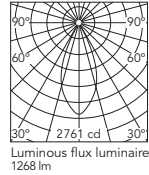
- 05.9064.40.DA
- 05.9064.14.DA
- 05.9064.ER.DA
- 05.9064.ES.DA
- 05.9064.EQ.DA

1-10V

- 05.9064.40.1V
- 05.9064.14.1V
- 05.9064.ER.1V
- 05.9064.ES.1V
- 05.9064.EQ.1V

Casambi

- 05.9064.40.CB
- 05.9064.14.CB
- 05.9064.ER.CB
- 05.9064.ES.CB
- 05.9064.EQ.CB



Beam Angle: 43°

h(m)	E(lx)	D(m)
1	2761	0.79
2	690	1.59
3	307	2.38
4	173	3.17
5	110	3.97

### Optic Wide Flood - 3000K

On board dimmer

- 05.9069.40
- 05.9069.14
- 05.9069.ER
- 05.9069.ES
- 05.9069.EQ

Dali 2

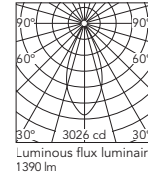
- 05.9069.40.DA
- 05.9069.14.DA
- 05.9069.ER.DA
- 05.9069.ES.DA
- 05.9069.EQ.DA

1-10V

- 05.9069.40.1V
- 05.9069.14.1V
- 05.9069.ER.1V
- 05.9069.ES.1V
- 05.9069.EQ.1V

Casambi

- 05.9069.40.CB
- 05.9069.14.CB
- 05.9069.ER.CB
- 05.9069.ES.CB
- 05.9069.EQ.CB



Beam Angle: 43°

h(m)	E(lx)	D(m)
1	3026	0.79
2	757	1.59
3	336	2.38
4	189	3.17
5	121	3.97

# THE TRACKING MAGNET – LIGHT MODULES

## Accessori / Accessories

### Light Shadow Spot 30

Pannello nido d'ape	Honeycomb		08.0790.00
Filtro bicromatico CCT	Dichroic CCT Filter	 	Increase 2700K >> 3125±75K 3000K >> 3600±75K 08.0791.00  Decrease 2700K >> 2450±75K 3000K >> 2700±75K 08.0792.00

### Light Shadow Spot 45

Pannello nido d'ape	Honeycomb		08.0793.00
Filtro bicromatico CCT	Dichroic CCT Filter	 	Increase 2700K >> 3125±75K 3000K >> 3600±75K 08.0794.00  Decrease 2700K >> 2450±75K 3000K >> 2700±75K 08.0795.00

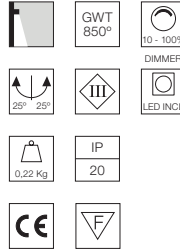
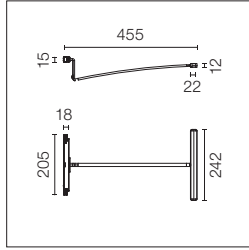
### Light Shadow Spot 60

Pannello nido d'ape	Honeycomb	 	Super Spot 08.0175.14  Spot / Medium / Flood / Wide Flood 08.0176.14
Filtro bicromatico CCT	Dichroic CCT Filter	   	Increase Super Spot 2700K >> 3125±75K 3000K >> 3600±75K 08.0796.00  Spot / Medium / Flood / Wide Flood 2700K >> 3125±75K 3000K >> 3600±75K 08.0798.00  Decrease Super Spot 2700K >> 2450±75K 3000K >> 2700±75K 08.0797.00  Spot / Medium / Flood / Wide Flood 2700K >> 2450±75K 3000K >> 2700±75K 08.0799.00

# THE TRACKING MAGNET – LIGHT MODULES

Wallee Designed By Niels Bendtsen

Light Source: Top LED 10W - 773 lm - 2700K/CRI 90 / 10W - 818 lm - 3000K/CRI 90



Modulo di illuminazione LED da installare nel sistema The Tracking Magnet.

Per il controllo bluetooth dei moduli luminosi selezionare le versioni con Casambi integrato.

Per l'installazione di Wallee, può essere necessaria una regolazione manuale da parte del cliente/installatore. Le informazioni si trovano nel manuale di istruzioni. Permesso solo per installazioni con Tracking Magnet Recessed e in orizzontale.

Include supporto per quadri fino a 5 kg.

Lighting LED module to be installed in The Tracking Magnet System. For wireless lighting control, choose integrated Casambi versions.

When installing Wallee, it may require a manual adjustment by the client/installer. Find information on how to carry out this adjustment in the instruction sheets. Only allowed with Tracking Magnet Recessed and horizontal installation. Includes frame holder up to 5kg.

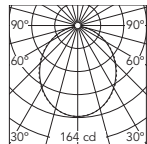
## 2700K

On board dimmer

03.8090.40  
03.8090.14

\*Casambi

03.8090.40.CB  
03.8090.14.CB



Beam Angle: 103°

h(m) E(lx) D(m)

1 164 2.50

2 41 5.00

3 18 7.49

4 10 9.99

5 7 12.49

Luminous flux luminaire  
431 lm

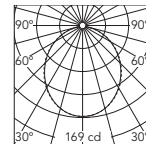
## 3000K

On board dimmer

03.8091.40  
03.8091.14

\*Casambi

03.8091.40.CB  
03.8091.14.CB



Beam Angle: 103°

h(m) E(lx) D(m)

1 169 2.50

2 42 5.00

3 19 7.49

4 11 9.99

5 7 12.49

Luminous flux luminaire  
446 lm

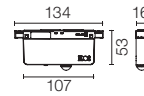
\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE TRACKING MAGNET ACCESSORY MODULES

## Multifunction Smart Device

Dispositivo intelligente multifunzione. Tripla funzionalità 3x1: ripetitore di segnale Casambi, sensore per l'illuminazione d'ambiente e rilevatore di presenza. FLOS Control® by Casambi.

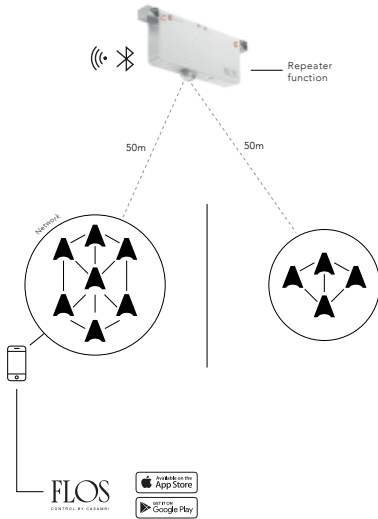
Multifunction Smart Device. Triple functionality 3x1: Casambi signal repeater, light sensor and presence detector. FLOS Control® by Casambi.



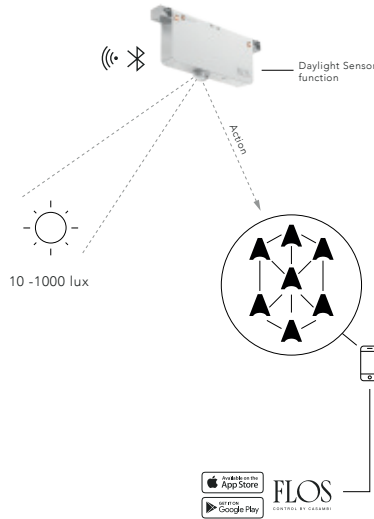
06.1988.40  
06.1988.14

## Multifunction Smart Device. Triple Functionality 3x1

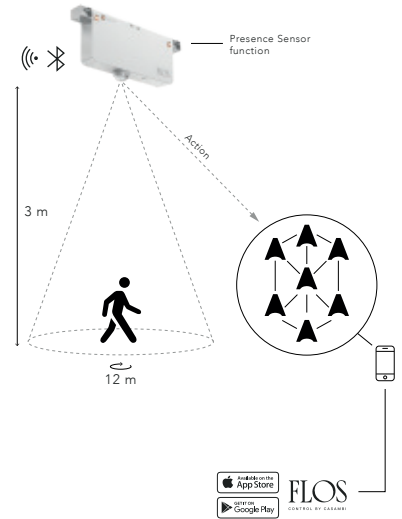
### Repeater



### Daylight Sensor

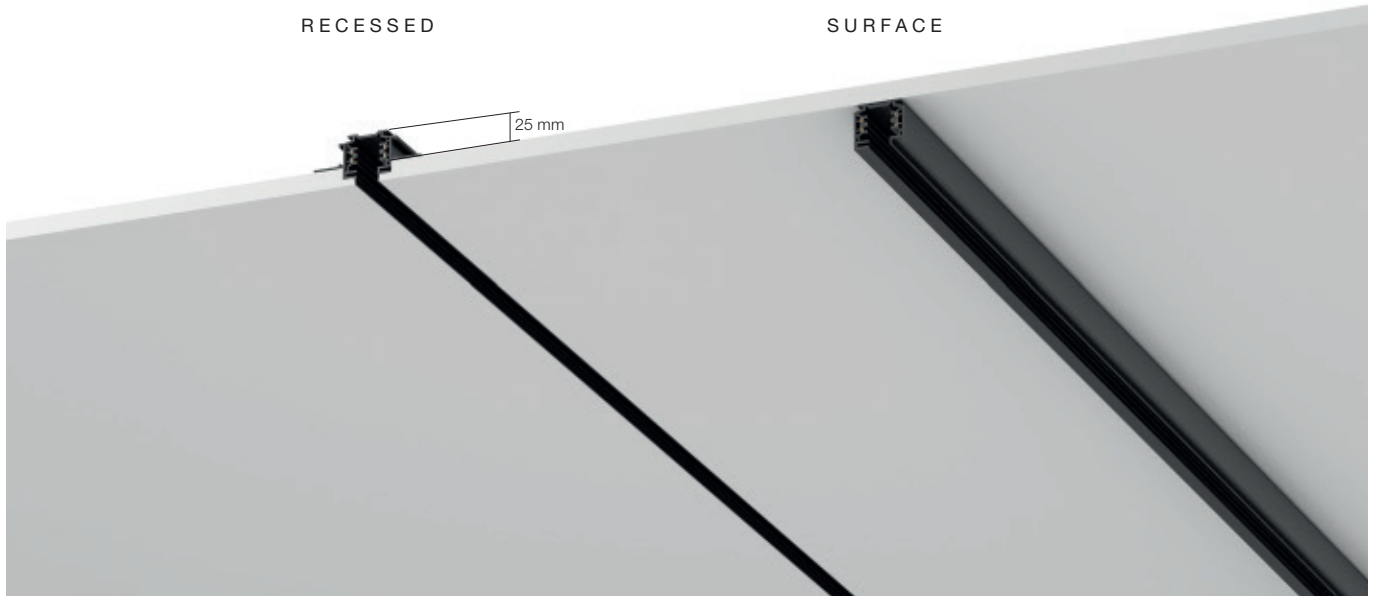




### Presence Sensor




▲ Casambi object

THE TRACKING POWER  
DESIGNED BY FLOS ARCHITECTURAL



Recessed Profiles  14 Nero  
 14 Black

Surface Profiles  40 Bianco  
 40 White  14 Nero  
 14 Black

LIGHT MODULES

UT PRO  
150



**LIGHT SOURCE**  
LED ARRAY  
21W  
2524 lm  
3000K/CRI 80  
2183 lm  
3000K/CRI 90  
2360 lm  
4000K/CRI 90

UT PRO  
175



**LIGHT SOURCE**  
LED ARRAY  
46,5W  
4740 lm  
3000K/CRI 80  
3960 lm  
3000K/CRI 90  
4278 lm  
4000K/CRI 90

UT PRO  
175 LENS



**LIGHT SOURCE**  
LED ARRAY  
35,3W  
3950 lm  
3000K/CRI 80  
3250 lm  
3000K/CRI 90  
3400 lm  
4000K/CRI 90

UT PRO  
WALL-WASHER



**LIGHT SOURCE**  
TOP LED  
25,5W  
2700 lm  
3000K/CRI 80  
2900 lm  
4000K/CRI 90

CAMERA 60  
IN-TRACK



**LIGHT SOURCE**  
LED ARRAY  
Up to 20W  
3000K/CRI 97  
Up to 1585 lm  
3500K/CRI 97  
Up to 1697 lm

CAMERA 90  
IN-TRACK



**LIGHT SOURCE**  
LED ARRAY  
Up to 32W  
3000K/CRI 97  
Up to 2585 lm  
3500K/CRI 97  
Up to 2715 lm

## Descrizione

Profilo trifase esclusivo per illuminazione di interni in versione integrata da parete e in superficie per il tetto che, grazie all'impatto visivo ridotto, permette integrarsi completamente nella struttura architettonica.

I profili strutturali del Tracking Power sono stati realizzati in alluminio estruso nero, provvisti di piste elettriche sulle quali si installano gli apparecchi con il sistema esclusivo di fissaggio Flos.

A proposito della versione integrata, dopo aver installato il profilo, si vedrà solo una piccola linea spessa 15 mm. La famiglia Tracking Power si completa con un'ampia gamma di proiettori che, abbinati a un'elettronica esclusiva integrata nel corpo dell'apparecchio di illuminazione, eliminano i volumi non necessari ottenendo così una grande integrazione.

Inoltre, per questi proiettori esistono pure dei profili con adattatori trifasici standard.

## Sistema Ottico

I moduli di luce UT Pro 150 e UT Pro 175 sono disponibili con ottiche spot, medium e flood e con riflettori di vetro borosilicato ad alta efficienza incorporato.

Il modulo di luce UT Pro 175 Lens è dotato di una lente che permette di regolare l'angolo di apertura da 13° a 56°.

Il modulo di luce UT Pro Wall-Washer offre una distribuzione luminosa omogenea in un bagnatore di parete ad alta prestazione.

Camera 60 In-Track & Camera 90 In-Track.

## Accessori – Gruppo funzionale UT

Disponibile crocetta di schermatura, lente ellittica, lente Flood e Honeycomb per i moduli di illuminazione d'accento UT Pro 150 e UT Pro 175.

## Sistema ottico e accessori – Camera

Si veda il capitolo Camera.

## Informazioni Aggiuntive

Le lampade 'IN TRACK' vengono installate con un adattatore di dimensioni ridotte che, dopo la sua installazione, viene perfettamente integrato nel profilo, disegnato specialmente per l'uso su profilo FLOS The Tracking Power.

Ciò nonostante, queste stesse lampade sono pure disponibili con un adattatore standard Nordic GA69, da installare con i profili trifasici standard di FLOS. Compatibilità garantita con guide trifase fabbricate da Nordic, Eutrac, Erco, Zumtobel e iGuzzini.

- UT Pro Wall-Washer:

Disponibile versione Dali con adattatore GA-600.

Grado di protezione IP20.

- Profilo:

La versione integrata da parete può essere installata solamente in tetti di cartongesso dello spessore di 12,5 mm.

Adatto ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Exclusive 3-phase lighting profile for indoor use in recessed and surface versions that, thanks to its low visual impact, offers a complete integration into the architecture. Tracking Power's structural profiles are manufactured in black extruded aluminium, fitted with electric tracks where luminaires are installed using the exclusive Flos mounting system.

In the recessed version, once the profile is installed, only a 15 mm thick line is noticeable.

The Tracking Power family is completed with a wide range of projectors which, combined with exclusive electronics integrated into the body of the luminaire, eliminate unnecessary volume and, as a result, have greater integration.

Moreover, the projectors are also available with standard 3-phase profiles.

## Optic System

Light modules UT Pro 150 and UT Pro 175 are available with spot, medium and flood optics and a built-in high-efficiency borosilicate glass reflector.

The light module UT Pro 175 Lens incorporates an adjustable lens which allows regulating the opening angle from 13° to 56°.

The light module UT Pro Wall-Washer brings a uniform light distribution in a high-performance wall-washer.

Camera 60 In-Track & Camera 90 In-Track.

## Accessories – UT Modules

Shielding cylinder, elliptical lens, flood and honeycomb lens for accent lighting modules UT Pro 150 and UT Pro 175 available.

## Optical system and accessories – Camera

Please refer to the Camera chapter.

## Additional Information

IN TRACK luminaires mount a compact adapter that, once installed, is completely integrated within the profile, especially designed for FLOS profile The Tracking Power. However, the same luminaires are available with a standard Nordic GA69 adapter for installation on FLOS standard 3-phase profiles FLOS. Guaranteed compatibility with 3-phase tracks manufactured by Nordic, Eutrac, Erco, Zumtobel and iGuzzini.

- UT Pro Wall-Washer:

Dali version available with GA-600 adaptor.

IP20 protection grade.

- Profile:

Recessed version that can only be installed in plasterboard ceilings that are 12,5 mm thick.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

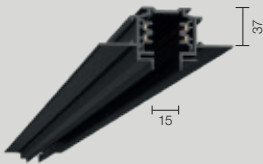
## Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# HOW TO ORDER

## 1 CHOOSE YOUR PROFILE AND LENGTH

### RECESSED PROFILE



L: 1 / 2 m

## 2 COMPLETE WITH MOUNTING ACCESSORIES

### Mains feed connector and End Cap



Right or Left

### Feed 90° Corner



Right or Left  
Electrical / mechanical joint

### Intermediate connector



Straight



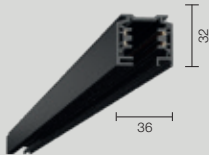
Recessed installation

### Accessories

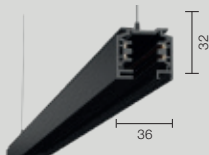
Adjustable ceiling kit  
(Optional)



### SURFACE/SUSPENSION DOWN PROFILE



EUTRAC



EUTRAC



L: 1 / 2 / 3 m

### Mains feed connector



Right

Left

### End cap



### Intermediate connector



### Feed 90° Corner



Earth outside



Earth inside



Surface installation

### Accessories

Ceiling fixing kit



Suspension installation

Ceiling fixing kit



+

Suspension kit





# THE TRACKING POWER

## 3 SELECT A LIGHT MODULE

### UT Pro 150



On board dimmer



S/M/F

### UT Pro 175



On board dimmer



S/M/F

### UT Pro 175 Lens



On board dimmer



Lens in / Lens out

### UT Pro Wall-Washer



Non dimmable



Wall-Washer

### CAMERA 60 IN-TRACK



No DIM / On board dimmer



SS/S/M/F/WF

### CAMERA 90 IN-TRACK



No DIM / On board dimmer



SS/S/M/F/WF

### UT Pro 150



On board dimmer



S/M/F

### UT Pro 175



On board dimmer



S/M/F

### UT Pro 175 Lens



On board dimmer



Lens in / Lens out

### UT Pro Wall-Washer



Non dimmable



Wall-Washer

### CAMERA 60 IN-TRACK



No DIM / On board dimmer



SS/S/M/F/WF

### CAMERA 90 IN-TRACK



No DIM / On board dimmer



SS/S/M/F/WF

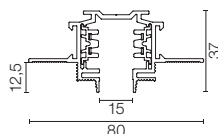
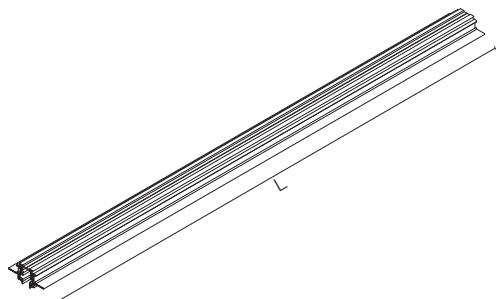
# THE TRACKING POWER RECESSED – PROFILES

## Profili

Profili trifase con impatto minimo nell'architettura (15 mm), per installazioni a incasso in soffitti di cartongesso.  
 Profili lineari disponibili in due lunghezze: 1 e 2 m.  
 Disponibili angoli a 90° sullo stesso piano (diversi elementi per angolo sinistro e destro).  
 Necessario connettore intermedio lineare per collegare i vari profili.  
 Connettori di alimentazione disponibili per installazione su lato sinistro o destro.  
 Terminale di chiusura inclusi nei connettori di alimentazione.  
 Il fissaggio del Tracking Power si effettua avvitando le ali del profilo alla superficie del cartongesso, aiutandosi con i profili di alluminio di fissaggio.  
 Il kit di fissaggio a soffitto regolabile (opzionale) consente l'installazione senza la necessità di profili di fissaggio in alluminio. Consigliato per impianti in cui si può installare il profilo Tracking Power prima del controsoffitto in cartongesso.

## Profiles

Three-phase profile with minimum impact on the architecture (15 mm) for embedded installations in plasterboard ceilings.  
 Linear profiles available in two lengths: 1 and 2 m.  
 90° corners on the same plane are also available (different elements for the left and right corners).  
 A linear intermediate connector is required to connect several profiles.  
 Power supply connectors available for the installation on the left or right-hand side.  
 End caps included in the power supply connectors.  
 The fastening of the Tracking Power is performed by screwing the sides of the profile to the plasterboard surface, aided by aluminium fastening profiles.  
 The adjustable ceiling fastening kit (optional) permits the installation without the need for fastening aluminium profiles. Recommended for installations where the Tracking Power profile can be installed before the suspended plasterboard.

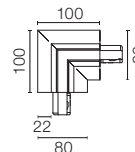


- L: 1000 mm
- 06.1800.14
- L: 2000 mm
- 06.1801.14

L: 1 m / 2 m

Angolo 90°.  
 Con connessione di alimentazione elettrica.

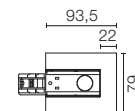
90° Corner.  
 With electrical feeding connection.



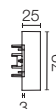
- Right
- 06.1804.14
- Left
- 06.1805.14

Connettore di alimentazione.  
 Coperchio incluso.

Feed connector. End cap included.



- Right
- 06.1807.14
- Left
- 06.1806.14



Connettore lineare intermedio.

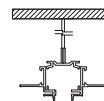
Intermediate linear connector.



- 60.3319.14

Kit di fissaggio a soffitto regolabile (opzionale). Kit da 2 unità.

Adjustable ceiling kit (optional). 2 unit kit.



- 08.8439.14

Profile (mm)	Quantities Ceiling Kit
1000	1
2000	2

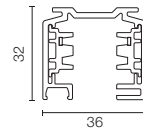
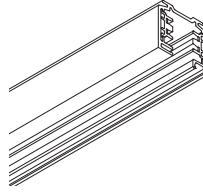
# THE TRACKING POWER SURFACE – PROFILES

## Profili

Profili trifase per installazioni di superficie standard EUTRAC, compatibile con apparecchi di illuminazione del sistema Tracking Power.

## Profiles

Three-phase profile for standard EUTRAC surface installations compatible with Tracking Power light fixtures.



1000 mm	60.3330.11A
	60.3330.14
2000 mm	60.3331.11A
	60.3331.14
3000 mm	60.3336.11A
	60.3336.14

L: 1 m / 2 m / 3 m

Connettore di alimentazione.

Feed connector.



Right	60.3317.11A
	60.3317.14

Left	60.3318.11A
	60.3318.14

Connettore lineare intermedio.

Intermediate linear connector.



	60.3319.11A
	60.3319.14

Terminale di chiusura.

End cap.



	60.3333.11A
	60.3333.14

Angolo 90°.  
Con connessione di alimentazione elettrica.

90° Corner.  
With electrical feeding connection.



Earth Outside	60.3320.11A
	60.3320.14

Earth Inside	60.3321.11A
	60.3321.14

Fissaggio a soffitto o per kit a sospensione.

Ceiling fixture or fixture for suspension kit.



	60.3351.11A
	60.3351.14

Kit a sospensione, cavo da 1,5 m.  
Richiedere insieme a 60.3351.

Suspension kit, 1.5 m cable. Order together with 60.3351.

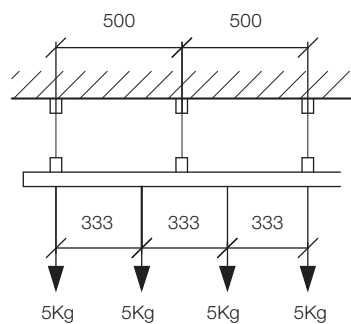
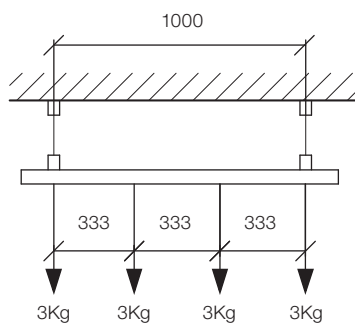
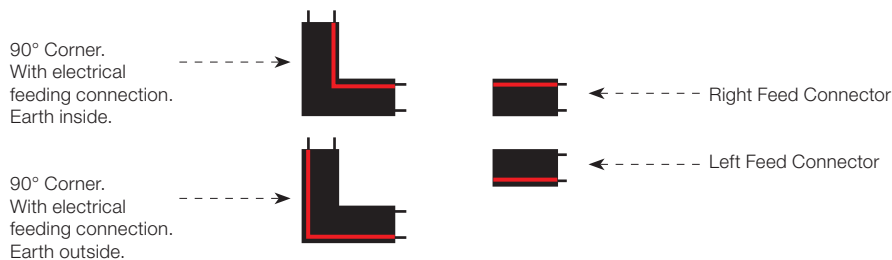
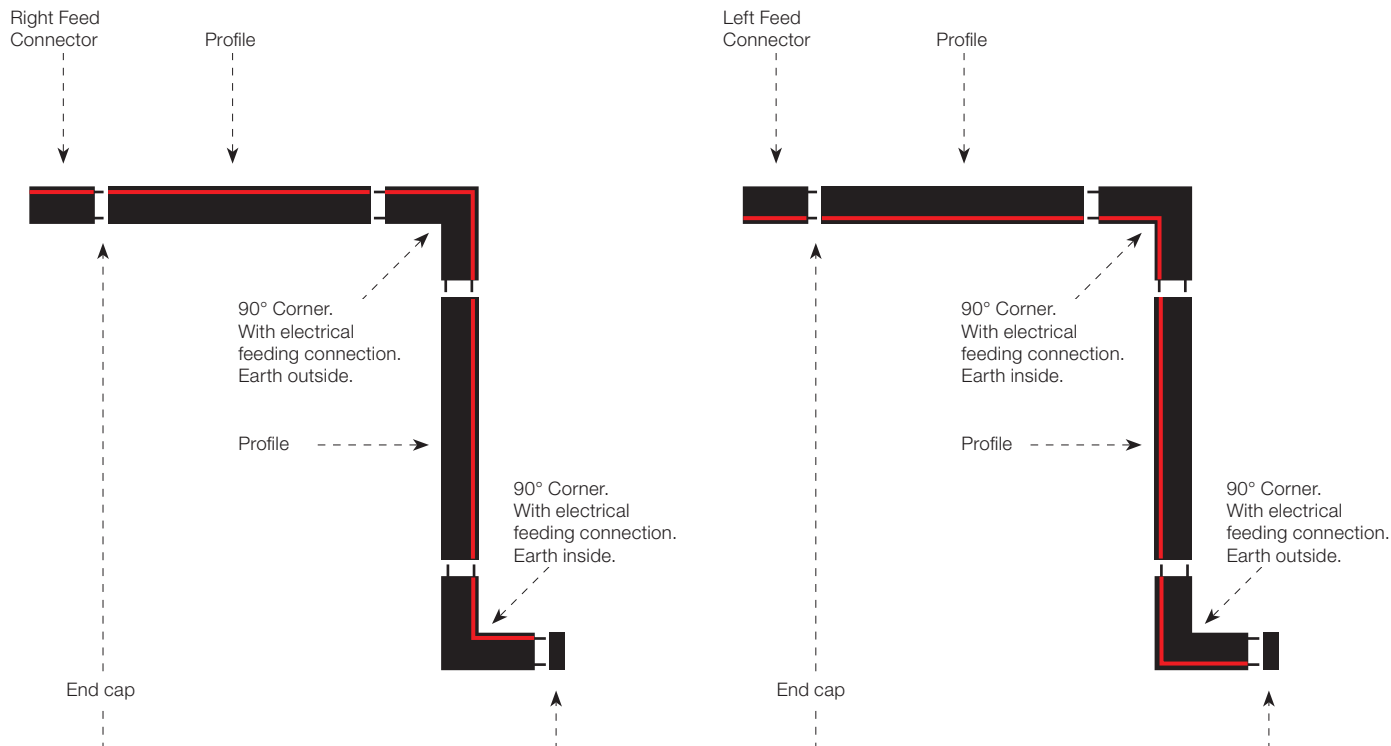


60.3345

# THE TRACKING POWER RECESSED/SURFACE – INSTALLATION

Per garantire la sicurezza elettrica dell'impianto, il profilo di Tracking Power è asimmetrico e offre una forma unica per l'installazione degli apparecchi d'illuminazione. Nello schema viene illustrata la posizione del binario neutra (linea rossa) per le diverse configurazioni possibili, che si deve comporre in base ai requisiti di ciascun impianto, rispettando la continuità elettrica.

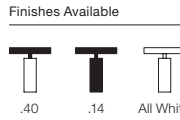
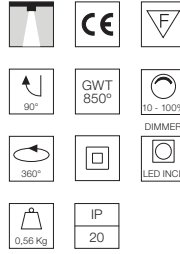
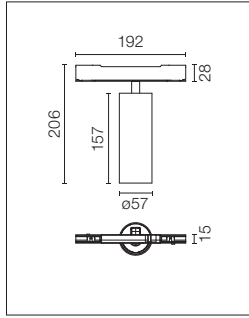
The Tracking Power profile is asymmetric to ensure the electric safety in the installation, and it provides a unique form in the installation of luminaires. The diagram shows the position of the neutral track (red line) for the different possible configurations, which must be composed according to the requirements for each installation, respecting the electric continuity.



# THE TRACKING POWER – LIGHT MODULES

## UT Pro 150

Light Source: LED Array 21W - 2524 lm - 3000K/CRI 80 / 21W - 2183 lm - 3000K/CRI 90 / 21W - 2360 lm - 4000K/CRI 90



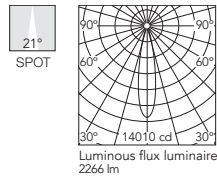
Proiettore per installazione su profilo Tracking Power con fonte di luce LED. Fonte di alimentazione 120-277V integrata. Riflettore ad alto rendimento compreso.

Le versioni .40 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

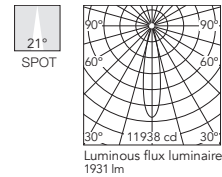
Spotlight to be installed in Tracking Power profile with LED light source. 120-277V power supply integrated. High performance reflector included.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

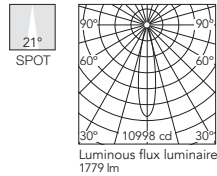
- 3000K - CRI 80**  
**On board dimmer**  
 09.7210.40B  
 09.7210.14B  
 All White  
 09.7210.40B78



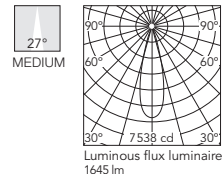
- 3000K - CRI 90**  
**On board dimmer**  
 09.7216.40B  
 09.7216.14B  
 All White  
 09.7216.40B78



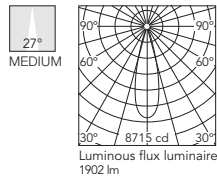
- 4000K - CRI 90**  
**On board dimmer**  
 09.7211.40B  
 09.7211.14B  
 All White  
 09.7211.40B78



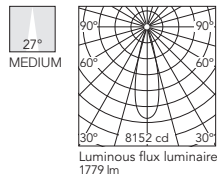
- 3000K - CRI 90**  
**On board dimmer**  
 09.7217.40B  
 09.7217.14B  
 All White  
 09.7217.40B78



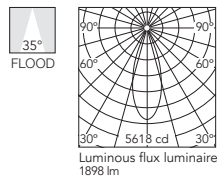
- 3000K - CRI 80**  
**On board dimmer**  
 09.7212.40B  
 09.7212.14B  
 All White  
 09.7212.40B78



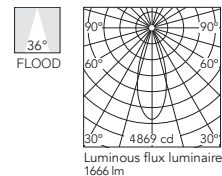
- 4000K - CRI 90**  
**On board dimmer**  
 09.7213.40B  
 09.7213.14B  
 All White  
 09.7213.40B78



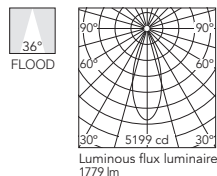
- 3000K - CRI 80**  
**On board dimmer**  
 09.7214.40B  
 09.7214.14B  
 All White  
 09.7214.40B78



- 3000K - CRI 90**  
**On board dimmer**  
 09.7218.40B  
 09.7218.14B  
 All White  
 09.7218.40B78



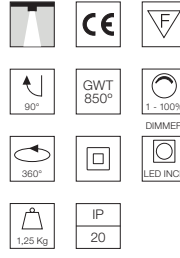
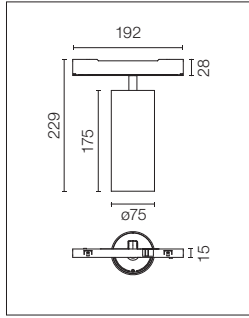
- 4000K - CRI 90**  
**On board dimmer**  
 09.7215.40B  
 09.7215.14B  
 All White  
 09.7215.40B78



# THE TRACKING POWER – LIGHT MODULES

## UT Pro 175

Light Source: LED Array 46,5W - 4740 lm - 3000K/CRI 80 / 3960 lm - 3000K/CRI 90 / 4278 lm - 4000K/CRI 90

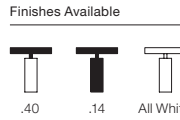


Proiettore per installazione su profilo Tracking Power con fonte di luce LED. Fonte di alimentazione 120-277V integrata. Riflettore ad alto rendimento compreso.

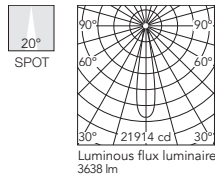
Spotlight to be installed in Tracking Power profile with LED light source. 120-277V power supply integrated. High performance reflector included.

Le versioni .40 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.



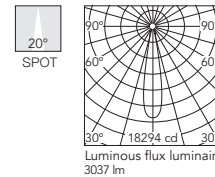
- 3000K - CRI 80**  
On board dimmer
- 09.7300.40A
  - 09.7300.14A
  - All White
  - 09.7300.40A78



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	21906	0.35
2	5477	0.70
3	2434	1.04
4	1369	1.39
5	876	1.74

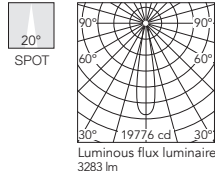
- 3000K - CRI 90**  
On board dimmer
- 09.7301.40A
  - 09.7301.14A
  - All White
  - 09.7301.40A78



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	18287	0.35
2	4572	0.70
3	2032	1.04
4	1143	1.39
5	731	1.74

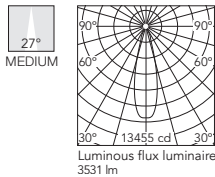
- 4000K - CRI 90**  
On board dimmer
- 09.7302.40A
  - 09.7302.14A
  - All White
  - 09.7302.40A78



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	19769	0.35
2	4942	0.70
3	2197	1.04
4	1236	1.39
5	791	1.74

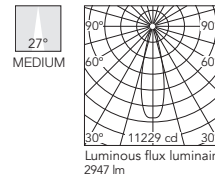
- 3000K - CRI 80**  
On board dimmer
- 09.7303.40A
  - 09.7303.14A
  - All White
  - 09.7303.40A78



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	13450	0.48
2	3362	0.96
3	1494	1.44
4	841	1.93
5	538	2.41

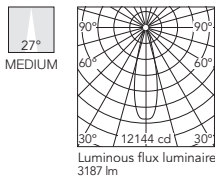
- 3000K - CRI 90**  
On board dimmer
- 09.7304.40A
  - 09.7304.14A
  - All White
  - 09.7304.40A78



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	11225	0.48
2	2806	0.96
3	1247	1.44
4	702	1.93
5	449	2.41

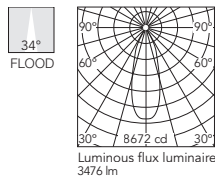
- 4000K - CRI 90**  
On board dimmer
- 09.7305.40A
  - 09.7305.14A
  - All White
  - 09.7305.40A78



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	12140	0.48
2	3035	0.96
3	1349	1.44
4	759	1.93
5	486	2.41

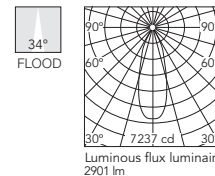
- 3000K - CRI 80**  
On board dimmer
- 09.7306.40A
  - 09.7306.14A
  - All White
  - 09.7306.40A78



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	8672	0.61
2	2168	1.22
3	964	1.83
4	542	2.44
5	347	3.04

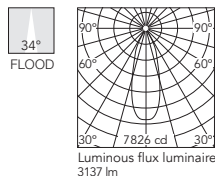
- 3000K - CRI 90**  
On board dimmer
- 09.7307.40A
  - 09.7307.14A
  - All White
  - 09.7307.40A78



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	7237	0.61
2	1809	1.22
3	804	1.83
4	452	2.44
5	289	3.04

- 4000K - CRI 90**  
On board dimmer
- 09.7308.40A
  - 09.7308.14A
  - All White
  - 09.7308.40A78



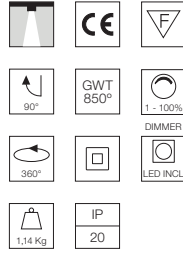
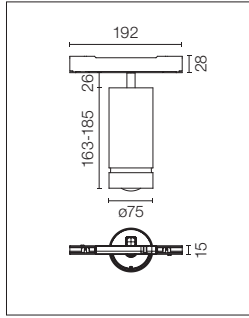
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	7826	0.61
2	1957	1.22
3	870	1.83
4	489	2.44
5	313	3.04

# THE TRACKING POWER – LIGHT MODULES

## UT Pro 175 Lens

Light Source: LED Array 35,3W - 3950 lm - 3000K/CRI 80 / 35,3W - 3250 lm - 3000K/CRI 90 / 35,3W - 3400 lm - 4000K/CRI 90



Finishes Available



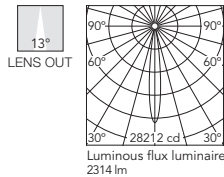
Proiettore per installazione su profilo Tracking Power con fonte di luce LED. Dotato di lente che permette di regolare l'angolo di apertura da 13° a 56°. Fonte di alimentazione 120-277V integrata.

Spotlight to be installed in Tracking Power profile with LED light source. Includes adjustable lens allowing opening angle calibration from 13° to 56°. 120-277V power supply integrated.

Le versioni .40 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

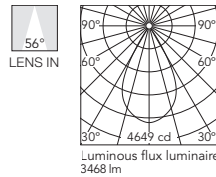
- 3000K - CRI 80**  
On board dimmer
- 09.7370.40
  - 09.7370.14
  - All White
  - 09.7370.40.78



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	28212	0.23
2	7053	0.46
3	3135	0.70
4	1763	0.93
5	1128	1.16

Luminous flux luminaire 2314 lm

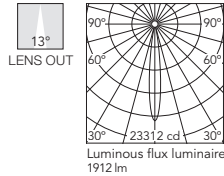


Beam Angle: 56°

h(m)	E(lx)	D(m)
1	4649	1.07
2	1162	2.14
3	517	3.21
4	291	4.29
5	186	5.36

Luminous flux luminaire 3468 lm

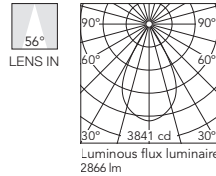
- 3000K - CRI 90**  
On board dimmer
- 09.7371.40
  - 09.7371.14
  - All White
  - 09.7371.40.78



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	23312	0.23
2	5828	0.46
3	2590	0.70
4	1457	0.93
5	932	1.16

Luminous flux luminaire 1912 lm

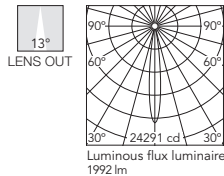


Beam Angle: 56°

h(m)	E(lx)	D(m)
1	3841	1.07
2	960	2.14
3	427	3.21
4	240	4.29
5	154	5.36

Luminous flux luminaire 2866 lm

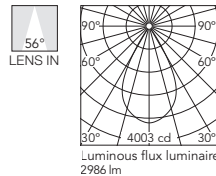
- 4000K - CRI 90**  
On board dimmer
- 09.7372.40
  - 09.7372.14
  - All White
  - 09.7372.40.78



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	24291	0.23
2	6073	0.46
3	2699	0.70
4	1518	0.93
5	972	1.16

Luminous flux luminaire 1992 lm



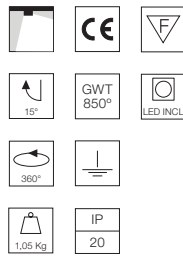
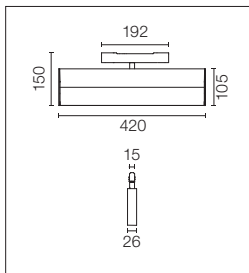
Beam Angle: 56°

h(m)	E(lx)	D(m)
1	4003	1.07
2	1001	2.14
3	445	3.21
4	250	4.29
5	160	5.36

Luminous flux luminaire 2986 lm

## UT Pro Wall-Washer

Light Source: Top LED 25,5W - 2700 lm - 3000K/CRI 90 / 25,5W - 2900 lm - 4000K/CRI 90



Finishes Available



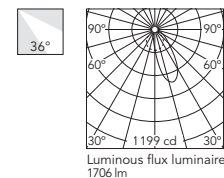
Modulo d'illuminazione Wall-Washer installabile su profilo Tracking Power con fonte di luce LED. Fonte di alimentazione 220-240V integrata.

Wall-Washer lighting module to be installed in Tracking Power profile with LED light source. 220-240V power supply integrated.

Le versioni .40 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white.

- 3000K - CRI 90**  
Non Dimmable
- 09.7500.40
  - 09.7500.14
  - All White
  - 09.7500.40.78

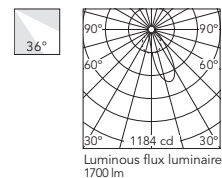


Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1199	0.78
2	300	1.56
3	133	2.34
4	75	3.12
5	48	3.90

Luminous flux luminaire 1706 lm

- 4000K - CRI 90**  
Non Dimmable
- 09.7501.40
  - 09.7501.14
  - All White
  - 09.7501.40.78



Beam Angle: 36°

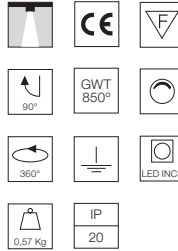
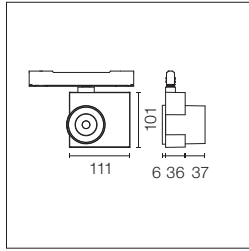
h(m)	E(lx)	D(m)
1	1184	0.76
2	296	1.52
3	132	2.28
4	74	3.04
5	47	3.80

Luminous flux luminaire 1700 lm

# THE TRACKING POWER – LIGHT MODULES

## Camera 60

**Light Source:** Super Spot: LED Array 13W - 779 lm - 3000K/CRI 97 / 13W - 817 lm - 3500K/CRI 97  
S/M/F/WF: LED Array 20W - 1585 lm - 3000K/CRI 97 / 20W - 1697 lm - 3500K/CRI 97

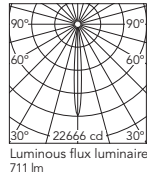


Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata. Da installare con i profili Tracking Power.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated. To be used with The Tracking Power profiles.

### Optic Super Spot 3000K

- Non Dimmable  
 09.8100.WA  
 09.8100.DR  
 On Board Dimmer  
 09.8100.WA.PC  
 09.8100.DR.PC

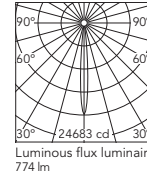


Beam Angle: 9°

h(m)	E(lx)	D(m)
1	22666	0.16
2	5667	0.32
3	2518	0.48
4	1417	0.63
5	907	0.79

### Optic Super Spot 3500K

- Non Dimmable  
 09.8105.WA  
 09.8105.DR  
 On Board Dimmer  
 09.8105.WA.PC  
 09.8105.DR.PC

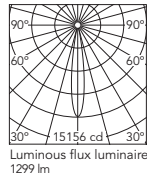


Beam Angle: 9°

h(m)	E(lx)	D(m)
1	24683	0.16
2	6171	0.32
3	2743	0.48
4	1543	0.63
5	987	0.79

### Optic Spot 3000K

- Non Dimmable  
 09.8101.WA  
 09.8101.DR  
 On Board Dimmer  
 09.8101.WA.PC  
 09.8101.DR.PC

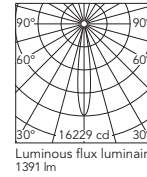


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	15156	0.27
2	3789	0.54
3	1684	0.81
4	947	1.09
5	606	1.36

### Optic Spot 3500K

- Non Dimmable  
 09.8106.WA  
 09.8106.DR  
 On Board Dimmer  
 09.8106.WA.PC  
 09.8106.DR.PC

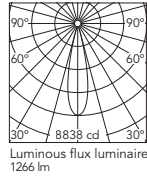


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	16229	0.27
2	4057	0.54
3	1803	0.81
4	1014	1.09
5	649	1.36

### Optic Medium 3000K

- Non Dimmable  
 09.8102.WA  
 09.8102.DR  
 On Board Dimmer  
 09.8102.WA.PC  
 09.8102.DR.PC

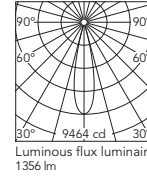


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	8838	0.41
2	2210	0.81
3	982	1.22
4	552	1.62
5	354	2.03

### Optic Medium 3500K

- Non Dimmable  
 09.8107.WA  
 09.8107.DR  
 On Board Dimmer  
 09.8107.WA.PC  
 09.8107.DR.PC

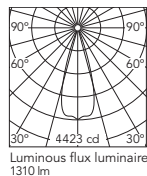


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	9464	0.41
2	2366	0.81
3	1052	1.22
4	591	1.62
5	379	2.03

### Optic Flood 3000K

- Non Dimmable  
 09.8103.WA  
 09.8103.DR  
 On Board Dimmer  
 09.8103.WA.PC  
 09.8103.DR.PC

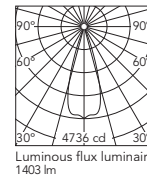


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	4423	0.61
2	1106	1.21
3	491	1.82
4	276	2.42
5	177	3.03

### Optic Flood 3500K

- Non Dimmable  
 09.8108.WA  
 09.8108.DR  
 On Board Dimmer  
 09.8108.WA.PC  
 09.8108.DR.PC

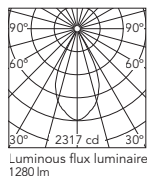


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	4736	0.61
2	1184	1.21
3	526	1.82
4	296	2.42
5	189	3.03

### Optic Wide Flood 3000K

- Non Dimmable  
 09.8104.WA  
 09.8104.DR  
 On Board Dimmer  
 09.8104.WA.PC  
 09.8104.DR.PC

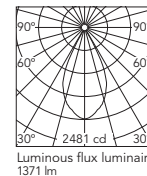


Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2317	0.94
2	579	1.89
3	257	2.83
4	145	3.77
5	93	4.72

### Optic Wide Flood 3500K

- Non Dimmable  
 09.8109.WA  
 09.8109.DR  
 On Board Dimmer  
 09.8109.WA.PC  
 09.8109.DR.PC



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2481	0.94
2	620	1.89
3	276	2.83
4	155	3.77
5	99	4.72

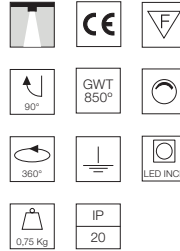
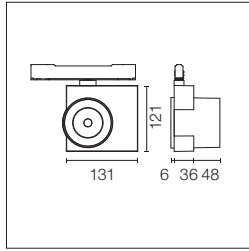
\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.



# THE TRACKING POWER – LIGHT MODULES

## Camera 90

**Light Source:** Super Spot: LED Array 20W - 1515 lm - 3000K/CRI 97 / 20W - 1625 lm - 3500K/CRI 97  
S/M/F/WF: LED Array 32W - 2585 lm - 3000K/CRI 97 / 32W - 2715 lm - 3500K/CRI 97

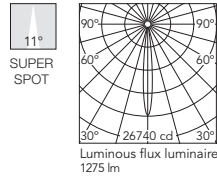


Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata. Da installare con i profili Tracking Power.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated. To be used with The Tracking Power profiles.

### Optic Super Spot 3000K

- Non Dimmable
- 09.8200.WA
- 09.8200.DR
- On Board Dimmer
- 09.8200.WA.PC
- 09.8200.DR.PC

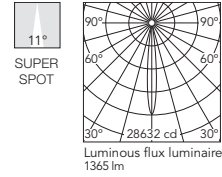


Beam Angle: 11°

h(m)	E(lx)	D(m)
1	26740	0.20
2	6685	0.39
3	2971	0.59
4	1671	0.78
5	1070	0.98

### Optic Super Spot 3500K

- Non Dimmable
- 09.8205.WA
- 09.8205.DR
- On Board Dimmer
- 09.8205.WA.PC
- 09.8205.DR.PC

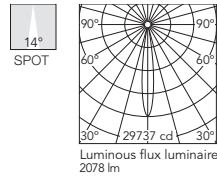


Beam Angle: 11°

h(m)	E(lx)	D(m)
1	28632	0.20
2	7158	0.39
3	3181	0.59
4	1789	0.78
5	1145	0.98

### Optic Spot 3000K

- Non Dimmable
- 09.8201.WA
- 09.8201.DR
- On Board Dimmer
- 09.8201.WA.PC
- 09.8201.DR.PC

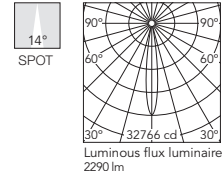


Beam Angle: 14°

h(m)	E(lx)	D(m)
1	29737	0.25
2	7434	0.49
3	3304	0.74
4	1859	0.99
5	1189	1.24

### Optic Spot 3500K

- Non Dimmable
- 09.8206.WA
- 09.8206.DR
- On Board Dimmer
- 09.8206.WA.PC
- 09.8206.DR.PC

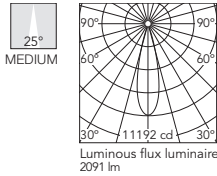


Beam Angle: 14°

h(m)	E(lx)	D(m)
1	32766	0.25
2	8192	0.49
3	3641	0.74
4	2048	0.99
5	1311	1.24

### Optic Medium 3000K

- Non Dimmable
- 09.8202.WA
- 09.8202.DR
- On Board Dimmer
- 09.8202.WA.PC
- 09.8202.DR.PC

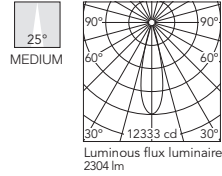


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	11192	0.45
2	2798	0.90
3	1244	1.35
4	700	1.80
5	448	2.25

### Optic Medium 3500K

- Non Dimmable
- 09.8207.WA
- 09.8207.DR
- On Board Dimmer
- 09.8207.WA.PC
- 09.8207.DR.PC

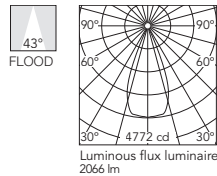


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	12333	0.45
2	3083	0.90
3	1370	1.35
4	771	1.80
5	493	2.25

### Optic Flood 3000K

- Non Dimmable
- 09.8203.WA
- 09.8203.DR
- On Board Dimmer
- 09.8203.WA.PC
- 09.8203.DR.PC

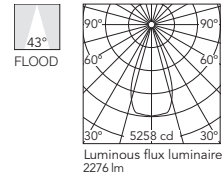


Beam Angle: 43°

h(m)	E(lx)	D(m)
1	4772	0.78
2	1193	1.56
3	530	2.34
4	298	3.12
5	191	3.90

### Optic Flood 3500K

- Non Dimmable
- 09.8208.WA
- 09.8208.DR
- On Board Dimmer
- 09.8208.WA.PC
- 09.8208.DR.PC

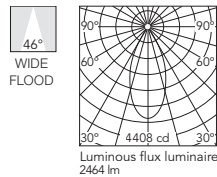


Beam Angle: 43°

h(m)	E(lx)	D(m)
1	5258	0.78
2	1315	1.56
3	584	2.34
4	329	3.12
5	210	3.90

### Optic Wide Flood 3000K

- Non Dimmable
- 09.8204.WA
- 09.8204.DR
- On Board Dimmer
- 09.8204.WA.PC
- 09.8204.DR.PC

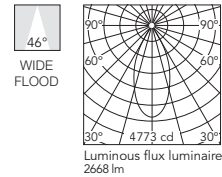


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	4408	0.84
2	1101	1.68
3	490	2.52
4	276	3.36
5	177	4.19

### Optic Wide Flood 3500K

- Non Dimmable
- 09.8209.WA
- 09.8209.DR
- On Board Dimmer
- 09.8209.WA.PC
- 09.8209.DR.PC



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	4773	0.84
2	1193	1.68
3	531	2.52
4	299	3.36
5	192	4.19

\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE TRACKING POWER – LIGHT MODULES

## Accessori / Accessories

### UT Pro 150 / UT Pro 175

Crocetta di schermatura, lenti e honeycomb direttamente installabili sulla testa dell'apparecchio di illuminazione senza necessità di accessori di fissaggio. Compatibilità di installazione di honeycomb + lente contemporaneamente.



Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory. Installation compatible with honeycomb + lense at the same time.

Filtro a croce antiabbagliamento.	Screening crosspiece.		UT Pro 150 08.8429.00 UT Pro 175 08.9108.00
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Lente ellittica.	Elliptical lens.		UT Pro 150 08.8431.00 UT Pro 175 08.9109.00
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Lente flood.	Flood lens.		UT Pro 150 08.8432.00 UT Pro 175 08.9110.00
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Honeycomb.	Honeycomb.		UT Pro 150 08.8428.00 UT Pro 175 08.9107.00
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Cono di schermatura.	Snoot shielding cone.	 29	UT Pro 150 08.0526.00 08.0526.40 08.0526.BW
		 36	UT Pro 175 08.9111.00

### Camera 60 IN-TRACK

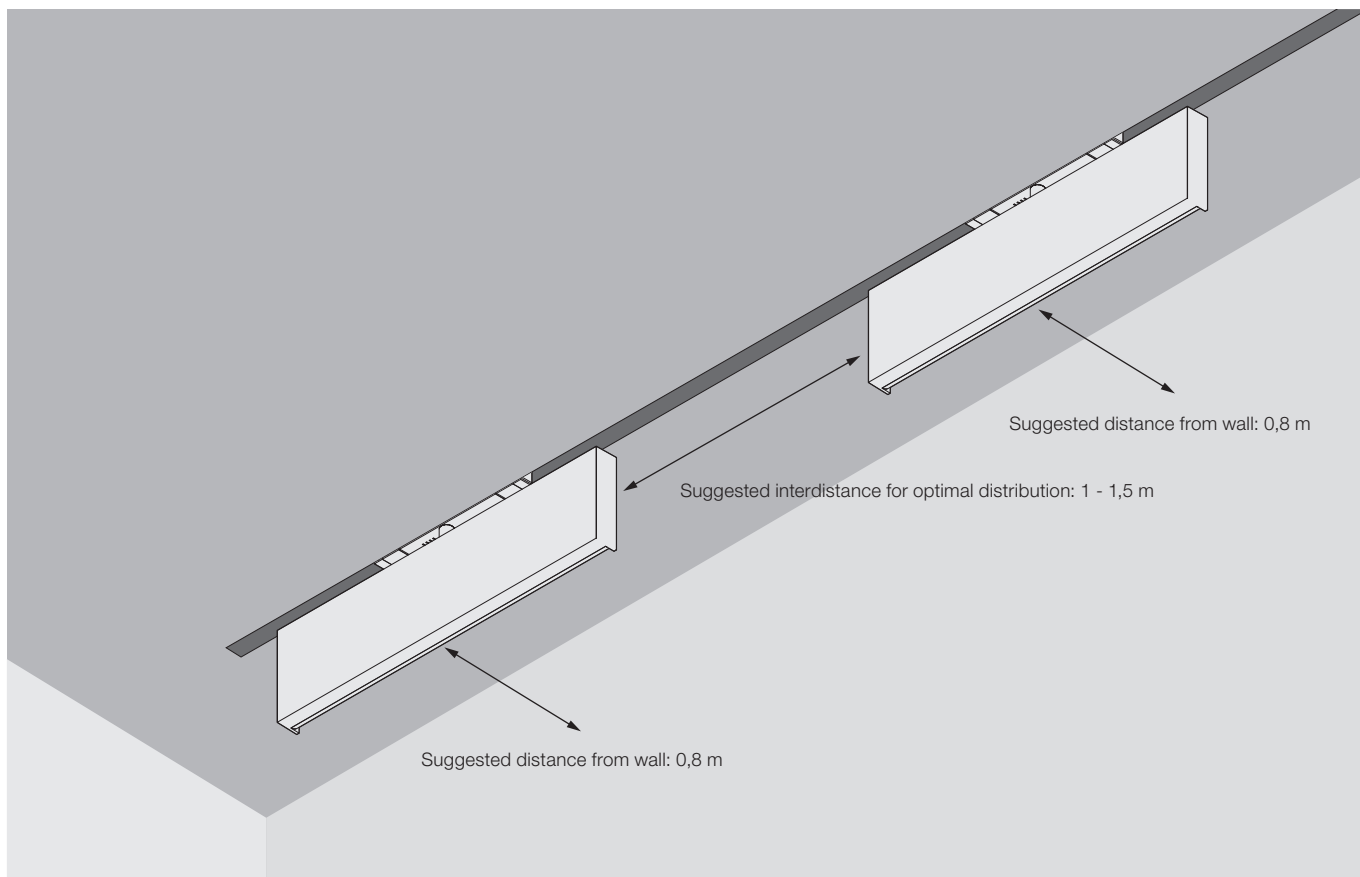
Honeycomb.	Honeycomb.		Super Spot / Spot 08.0175.14 Medium / Flood / Wide Flood 08.0176.14
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### Camera 90 IN-TRACK

Honeycomb.	Honeycomb.		Super Spot / Spot 08.0177.14 Medium / Flood / Wide Flood 08.0178.14
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# THE TRACKING POWER – INSTALLATION PROFILES

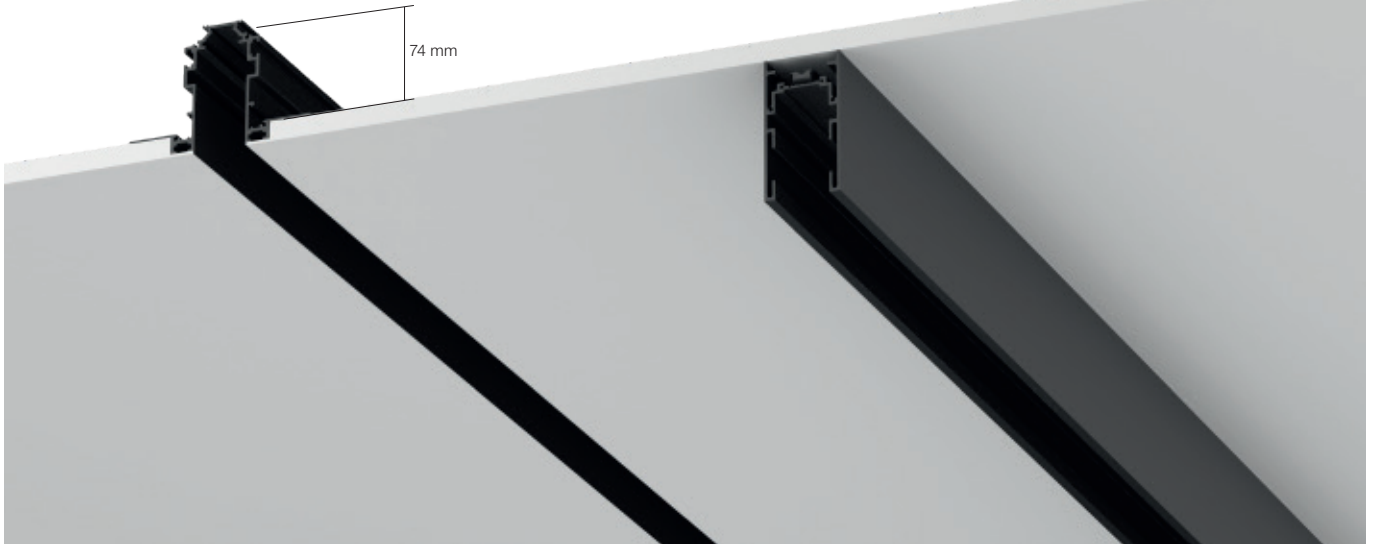
## WALL-WASHER INSTALLATION



THE FAST TRACK  
DESIGNED BY FLOS ARCHITECTURAL

RECESSED

SURFACE



Recessed Profiles  14 Nero  
14 Black

Surface Profiles  40 Bianco  
40 White  14 Nero  
14 Black

LIGHT MODULES

THE FAST TRACK  
SPOT 100



**LIGHT SOURCE**  
POWER LED  
13W  
780 lm  
3000K/CRI 90  
830 lm  
4000K/CRI 90

THE FAST TRACK  
SPOT 150



**LIGHT SOURCE**  
LED ARRAY  
25,5W  
2378 lm  
3000K/CRI 90  
2751 lm  
4000K/CRI 90

MULTIFUNCTION  
SMART DEVICE



**FLOS CONTROL®**  
by Casambi

14 Nero  
14 Black

BW Bianco  
BW White



## Descrizione

Unico sistema al mondo che permette di muovere, orientare e regolare l'intensità dei differenti gruppi di corpi illuminanti a distanza.

Sistema per interni disponibile nelle versioni per montaggio in superficie e incasso a soffitto. Dotato di controllo wireless con sistema FLOS Control® by Casambi gestito tramite App dedicata per dispositivi mobili (copre una distanza di circa 20m). Il sistema permette controllare fino a 200 apparecchi tramite App.

I moduli di illuminazione sono dotati di servocomandi per movimento e orientazione, sensori per rilevare altri faretti e l'estremo della guida.

Il sistema è in grado di rilevare in qualsiasi momento la posizione di ogni faretto, fino a un massimo di 24 scene di luce, memorizzandone orientazione, rotazione e intensità luminosa per un uso futuro, oltre a 4 programmazioni orarie per cambiare da una scena all'altra.

E' anche possibile cambiare completamente scena di luce recuperando le composizioni memorizzate con un semplice click. La traslazione va effettuata sempre in modo manuale e individuale attraverso la APP.

Profili strutturali del sistema di alluminio estruso nero e placcati bianchi per la versione 4.0, provvisti di piste elettriche alimentate a 48V, su cui vengono installati con un sistema di fissaggio meccanico degli apparecchi LED.

La famiglia è composta da moduli di illuminazione d'accento, con diverse ottiche.

L'unico sistema di controllo disponibile è FLOS Control® by Casambi.

Necessaria APP per dispositivi mobili (disponibile in Apple Store e Google Play).

La lunghezza massima per ciascun alimentatore è di 20 m. La distanza massima tra la fonte di alimentazione e l'inizio della guida è di 2m.

## Sistema Ottico

I moduli di illuminazione d'accento sono disponibili con ottiche in vetro ad alto rendimento con angoli super spot, spot, medium e flood.

## Unità di Alimentazione

Alimentatore remoto da 48V non inclusa.

## Informazioni Aggiuntive

Grado di protezione IP20.

Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Only system in the world that allows the intensity of different groups of light fittings to be moved, oriented, and adjusted at a distance.

Indoor system available in versions for installation on surfaces and recessed installation on the ceiling. Equipped with wireless control via the FLOS Control® by Casambi system managed using the dedicated app for mobile devices (covers a distance of about 20 m). The system allows up to 200 devices to be controlled via the app.

The lighting modules incorporate servos for moving and orienting them, as well as sensors to detect other spots and the end of the track.

The system can recognize the location of each spot at all times and memorize up to 24 scenes of light. It memorizes the orientation, rotation and light intensity for later use, as well as 4 time schedules to change from one scene to another.

The light scene can also be completely changed by recovering the memorized compositions with a simple click. The movement must always be performed manually and individually through the APP.

Structural profiles of the system are manufactured in black extruded aluminum and are white plated for the 40 version, provided with electric tracks fed at 48V, on which the LED luminaries are installed by means of a mechanical fixing system.

The family is composed of accent lighting, with different optics.

The only available control system is FLOS Control® by Casambi.

The app for mobile devices is also necessary (available in the Apple Store and Google Play).

The maximum length for each power source is 20 m.

The maximum length between the power supply and the start of the track is 2 m.

## Optic system

The accent light modules are available with high-performance crystal optics. Super spot, spot, medium and flood angles.

## Power Supply

Remote 48V power source not included.

## Additional Information

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

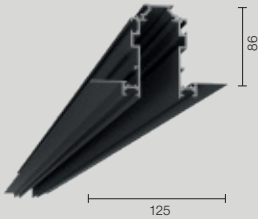
**FLOS**  
CONTROL BY CASAMBI



# HOW TO ORDER

## 1 CHOOSE YOUR PROFILE AND LENGTH

### RECESSED PROFILE



L: 1 / 1,5 / 2 / 3 m

## 2 COMPLETE WITH MOUNTING ACCESSORIES

Feed cable



End cap



Intermediate cable



Stopper



Electrical



Recessed installation

Accessories  
(Optional)

Fixed ceiling kit

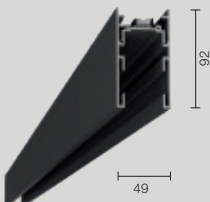


or

Adjustable ceiling kit



### SURFACE PROFILE



L: 1 / 1,5 / 2 / 3 m

Feed cable



End cap



Intermediate cable



Stopper



Electrical



Surface installation

Fixing ceiling kit included with the profile

# THE FAST TRACK

## 3 SELECT POWER SUPPLY

### Recessed installation

Remote power supply



185W



320W

(select the driver with the appropriate power according to the needs of your project)

### Surface installation

Remote power supply



185W



320W

(select the driver with the appropriate power according to the needs of your project)

## 4 SELECT A LIGHT MODULE

### Spot 100



Casambi integrated



SS/S/M

### Spot 150



Casambi integrated



S/M/F

### Multifunction Smart Device

FLOS Control® by Casambi

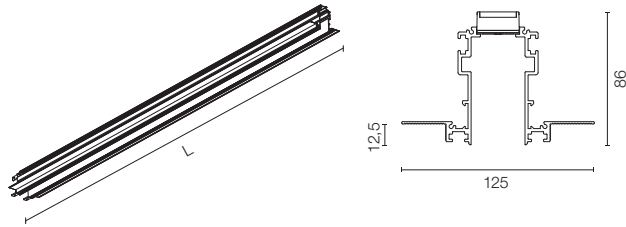


# THE FAST TRACK – RECESSED PROFILES

## Profili

Profilo elettromeccanico per installazioni a incasso su soffitti di cartongesso con lunghezze da 1 a 3 metri. I cavi di alimentazione e interconnessione vanno ordinati separatamente.

I coperchi devono essere ordinati separatamente. Kit di ancoraggio, fisso o regolabile, disponibili (optional). I kit di ancoraggio a soffitto consentono l'installazione senza il bisogno di profili TC in alluminio di ancoraggio.



L: 1 m / 1,5 m / 2 m / 3 m

## Profiles

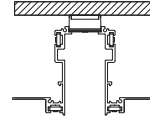
Electro-mechanical profile for recessed installations in plasterboard ceilings, with 1m to 3m lengths. Power and interconnection cables must be ordered separately.

The covers must be ordered separately. Fixed or adjustable fastening kits available (optional). The roof fastening kits enable installation without the need for aluminium TC fastening profiles.

- L: 1000 mm 06.1850.14
- L: 1500mm 06.1851.14
- L: 2000 mm 06.1852.14
- L: 3000 mm 06.1853.14

Kit di fissaggio a soffitto fisso (opzionale). Kit da 2 unità.

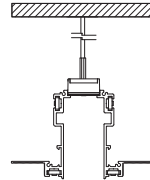
Fixed ceiling kit (optional). 2 unit kit.



■ 08.8866.14

Kit di fissaggio a soffitto regolabile (opzionale). Kit da 2 unità. Per l'installazione è necessaria un'asta filettata M6, non compresa.

Adjustable ceiling kit (optional). 2 unit kit. Installation requires a M6 threaded rod, not included.



■ 08.8867.14

Profile (mm)	Quantities Ceiling Kit
1000	1
2000	2
3000	2
4000	3

Asta di sospensione da 1 m con rosone con filettatura m6.

1-m suspension rod with ceiling rose with m6 thread.



□ 60.3097.11  
■ 60.3097.14

Terminale di chiusura. Si devono ordinare separatamente. Kit da 2 unità.

End caps. To be ordered separately. 2 unit kit.



■ 08.9070.14



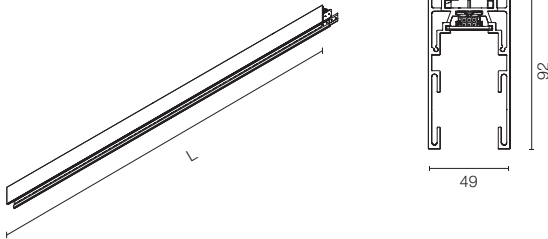
# THE FAST TRACK – SURFACE PROFILES

## Profili

Profilo elettromeccanico per installazioni a superficie su soffitti di cartongesso con lunghezze da 1 a 3 metri. Non valido per installazioni a sospensione. I cavi di alimentazione e interconnessione vanno ordinati separatamente. I tappi vanno ordinati separatamente. Kit di fissaggio a soffitto fisso incluso.

## Profiles

Electro-mechanical profile for surface installations in plasterboard ceilings, with 1m to 3m lengths. Not suitable for suspended installations. Power and interconnection cables must be ordered separately. Covers must be ordered separately. Fixed ceiling kit included.



L: 1 m / 1,5 m / 2 m / 3 m

□	L: 1000 mm	06.1860.40
■		06.1860.14
□	L: 1500 mm	06.1861.40
■		06.1861.14
□	L: 2000 mm	06.1862.40
■		06.1862.14
□	L: 3000 mm	06.1863.40
■		06.1863.14

Terminale di chiusura. Da ordinare separatamente. Kit da 2 unità.

End caps. Must be ordered separately. 2 unit kit.



□	08.9071.40
■	08.9071.14

## The Fast Track Recessed / Surface versions

Stopper. Per evitare che gli spot invadano zone della guida alimentate da un altro driver ed evitare di superare la potenza massima permessa in ogni driver. Può essere usato anche per limitare il movimento per altri motivi.

Stopper. To prevent spots from invading track areas powered by another driver and to prevent exceeding the maximum allowed power of each driver. It can also be used to limit movement for other reasons.



■	08.9074.14
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Cavo di alimentazione.

Power feed cable.



06.0303.00

Cavo di connessione. Connessione elettrica.

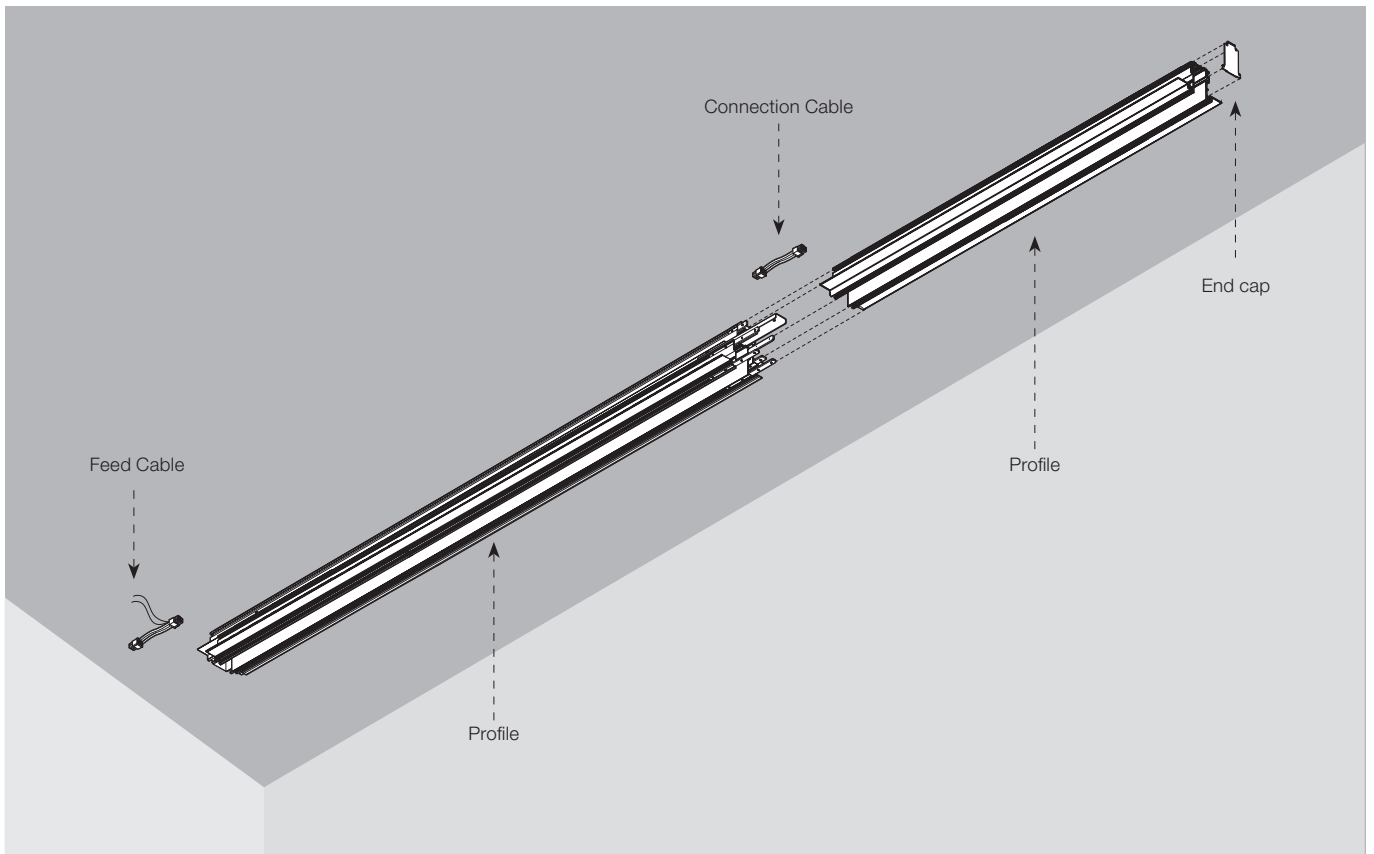
Connection cable. Electrical connection.



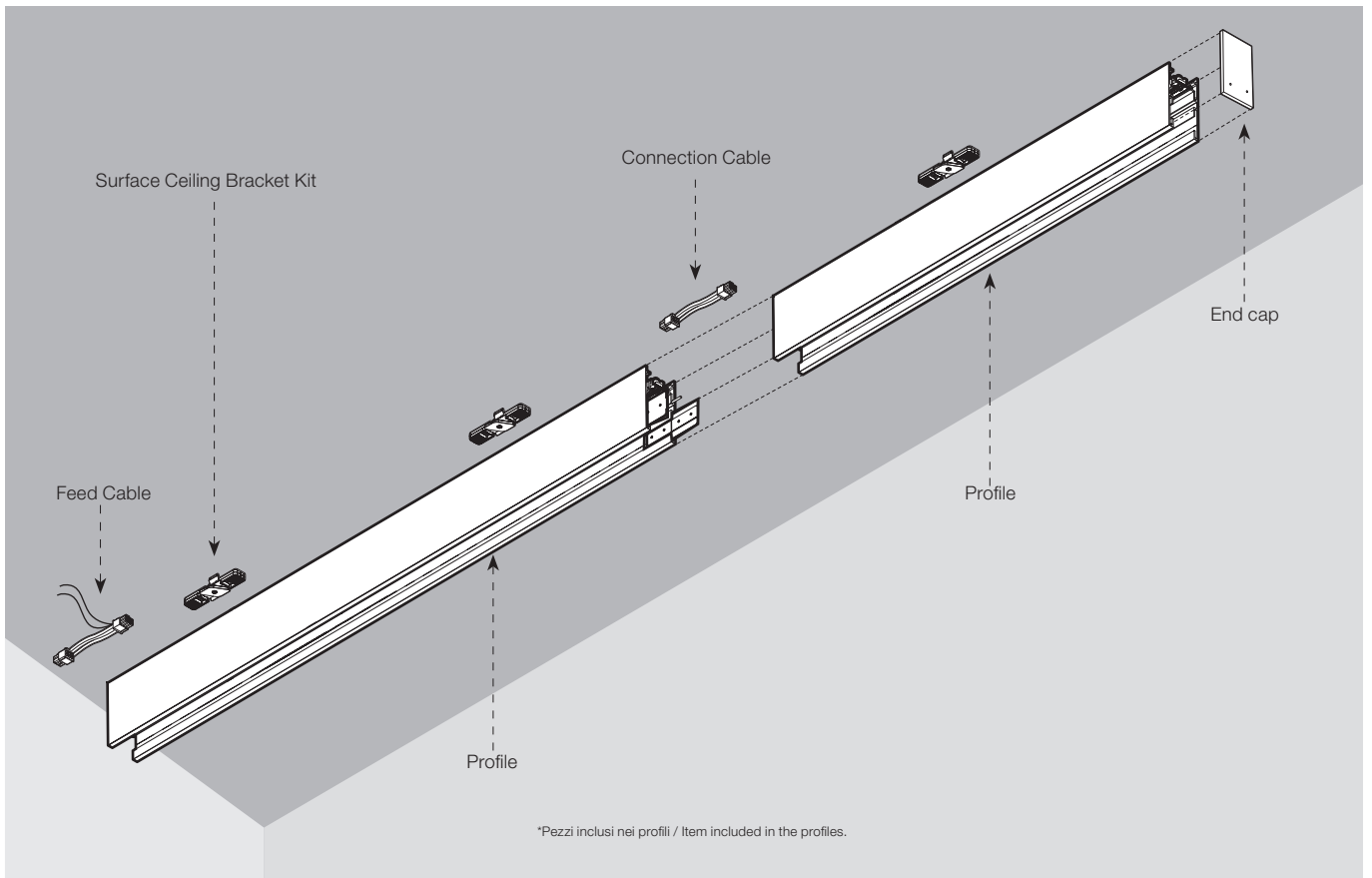
06.0301.00

# THE FAST TRACK – INSTALLATION PROFILES

## RECESSED INSTALLATION



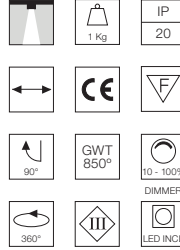
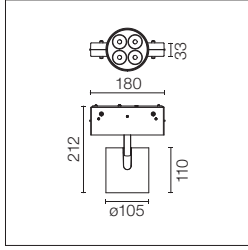
## SURFACE INSTALLATION



# THE FAST TRACK – LIGHT MODULES

## The Fast Track Spot 100

Light Source: Power LED 13W - 830 lm - 3000K/CRI 90 / 13W - 878 lm - 4000K/CRI 90



Proiettore per l'installazione nel profilo del sistema The Fast Track con sorgente luminosa LED e con ottica super spot, molto utile per grandi altezze, medium e flood. Le scatole degli apparecchi sono prodotte solo in nero.

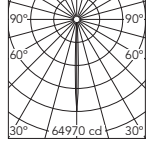
Spotlight to be installed in the The Fast Track system profile with a LED light source and super spot optic, very useful for great heights, medium and flood. The boxes of the luminaries are manufactured only in black.

### 3000K

\*\*Casambi integrated

09.9070.BW

09.9070.14



Beam Angle: 4°

h(m)	E(lx)	D(m)
1	64970	0.07
2	16243	0.14
3	7219	0.21
4	4061	0.28
5	2599	0.35

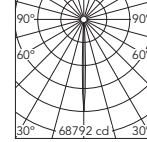
Luminous flux luminaire  
630 lm

### 4000K

\*\*Casambi integrated

09.9075.BW

09.9075.14



Beam Angle: 4°

h(m)	E(lx)	D(m)
1	68792	0.07
2	17198	0.14
3	7644	0.21
4	4300	0.28
5	2752	0.35

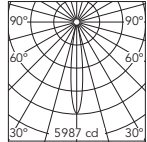
Luminous flux luminaire  
667 lm

### 3000K

\*\*Casambi integrated

09.9071.BW

09.9071.14



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5987	0.26
2	1497	0.52
3	665	0.77
4	374	1.03
5	239	1.29

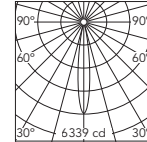
Luminous flux luminaire  
567 lm

### 4000K

\*\*Casambi integrated

09.9076.BW

09.9076.14



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	6339	0.26
2	1585	0.52
3	704	0.77
4	396	1.03
5	254	1.29

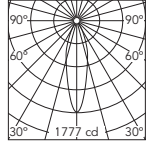
Luminous flux luminaire  
600 lm

### 3000K

\*\*Casambi integrated

09.9072.BW

09.9072.14



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1777	0.48
2	444	0.95
3	197	1.43
4	111	1.91
5	71	2.38

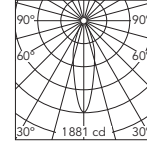
Luminous flux luminaire  
693 lm

### 4000K

\*\*Casambi integrated

09.9077.BW

09.9077.14



Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1881	0.48
2	470	0.95
3	209	1.43
4	118	1.91
5	75	2.38

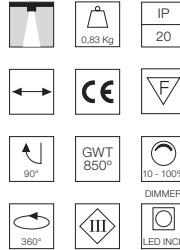
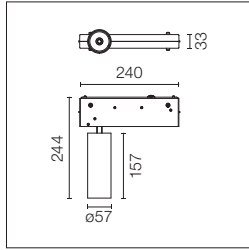
Luminous flux luminaire  
733 lm

\*\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE FAST TRACK – LIGHT MODULES

## The Fast Track Spot 150

Light Source: LED Array 25,5 W - 2378 lm - 3000K/CRI 90 / 25,5 W - 2751 lm - 4000K/CRI 90



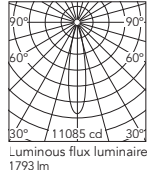
Proiettore per l'installazione nel profilo del sistema The Fast Track con sorgente luminosa LED e ottiche in vetro: spot, medium e flood ad alto rendimento. Le scatole degli apparecchi sono prodotte solo in nero.

Spotlight to be installed in the The Fast Track system profile with a LED light source and glass optics: high performance spot, medium and flood lights. The boxes of the luminaries are manufactured only in black.

### 3000K

\*\*Casambi integrated

09.9083.BWA  
09.9083.14A



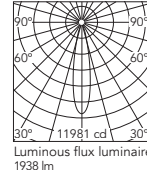
Beam Angle: 21°		
h(m)	E(lx)	D(m)
1	11085	0.37
2	2771	0.74
3	1232	1.11
4	693	1.48
5	443	1.85

Luminous flux luminaire  
1793 lm

### 4000K

\*\*Casambi integrated

09.9086.BWA  
09.9086.14A



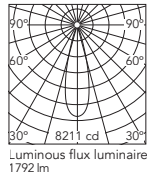
Beam Angle: 21°		
h(m)	E(lx)	D(m)
1	11981	0.37
2	2995	0.74
3	1331	1.11
4	749	1.48
5	479	1.85

Luminous flux luminaire  
1938 lm

### 3000K

\*\*Casambi integrated

09.9084.BWA  
09.9084.14A



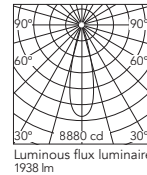
Beam Angle: 27°		
h(m)	E(lx)	D(m)
1	8211	0.49
2	2053	0.98
3	912	1.47
4	513	1.96
5	328	2.44

Luminous flux luminaire  
1792 lm

### 4000K

\*\*Casambi integrated

09.9087.BWA  
09.9087.14A



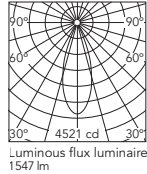
Beam Angle: 27°		
h(m)	E(lx)	D(m)
1	8880	0.49
2	2220	0.98
3	987	1.47
4	555	1.96
5	355	2.44

Luminous flux luminaire  
1938 lm

### 3000K

\*\*Casambi integrated

09.9085.BWA  
09.9085.14A



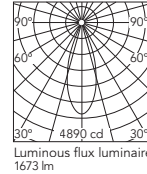
Beam Angle: 36°		
h(m)	E(lx)	D(m)
1	4521	0.64
2	1130	1.28
3	502	1.92
4	283	2.56
5	181	3.20

Luminous flux luminaire  
1547 lm

### 4000K

\*\*Casambi integrated

09.9088.BWA  
09.9088.14A



Beam Angle: 36°		
h(m)	E(lx)	D(m)
1	4890	0.64
2	1222	1.28
3	543	1.92
4	306	2.56
5	196	3.20



Luminous flux luminaire  
1673 lm

## Accessori / Accessories

### The Fast Track Spot 150

Crocetta di schermatura, lenti e honeycomb direttamente installabili sulla testa dell'apparecchio di illuminazione senza necessità di accessori di fissaggio. Compatibilità di installazione di honeycomb + lente contemporaneamente.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory. Installation compatible with honeycomb + lense at the same time.

Filtro a croce antiabbagliamento.	Screening crosspiece.		08.8429.00
Lente ellittica.	Elliptical lens.		08.8431.00
Lente flood.	Flood lens.		08.8432.00
Honeycomb.	Honeycomb.		08.8428.00
Cono di schermatura.	Snoot shielding cone.		08.0526.00 08.0526.40 08.0526.BW

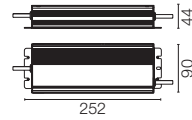
\*\* Il sistema di controllo degli apparecchi a versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# THE FAST TRACK

## Driver / Drivers

Alimentatore LED per installazione remota, 48V/320W. 100/240 Vac.

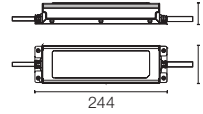
LED power supply source for remote installation, 48V/320W. 100/240 Vac.



\*RF27321

Alimentatore LED per installazione remota, 110Vac-135W / 220Vac-200W.

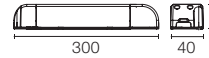
LED power supply source for remote installation, 110Vac-135W / 220Vac-200W.



\*60.9607

Alimentatore LED per installazione remota, 48V/120W. 220/240 Vac.

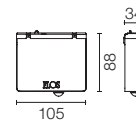
LED power supply source for remote installation, 48V/120W. 220/240 Vac.



\*60.9170

Dispositivo intelligente multifunzione. Triplice funzionalità 3x1: ripetitore di segnale Casambi, sensore per l'illuminazione d'ambiente e rilevatore di presenza. FLOS Control® by Casambi.

Multifunction Smart Device. Triple functionality 3x1: Casambi signal repeater, light sensor and presence detector. FLOS Control® by Casambi.

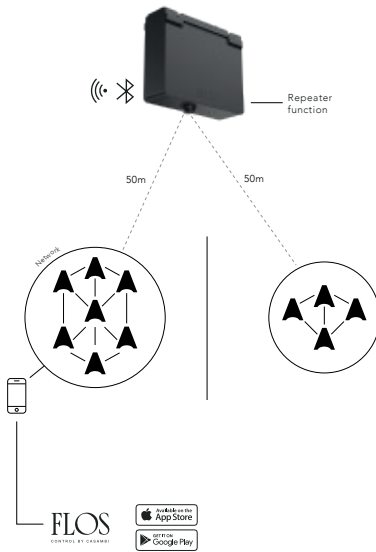


06.1987.40

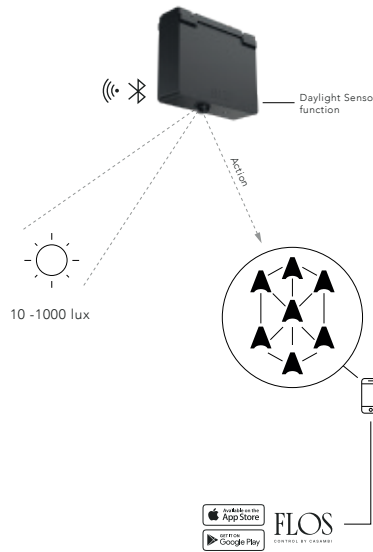
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## Multifunction Smart Device. Triple Functionality 3x1

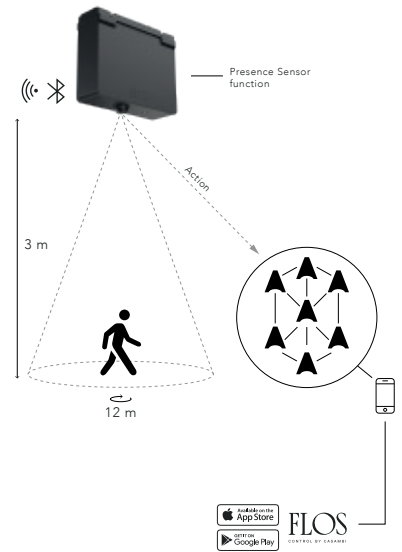
### Repeater



### Daylight Sensor



### Presence Sensor



▲ Casambi object

\* Per il dimensionamento dell'impianto, mantenere un margine di sicurezza di circa il 15% della potenza massima dell'alimentatore LED / For the sizing of the installation keep a safety margin of 15% of the maximum power of the LED power source.

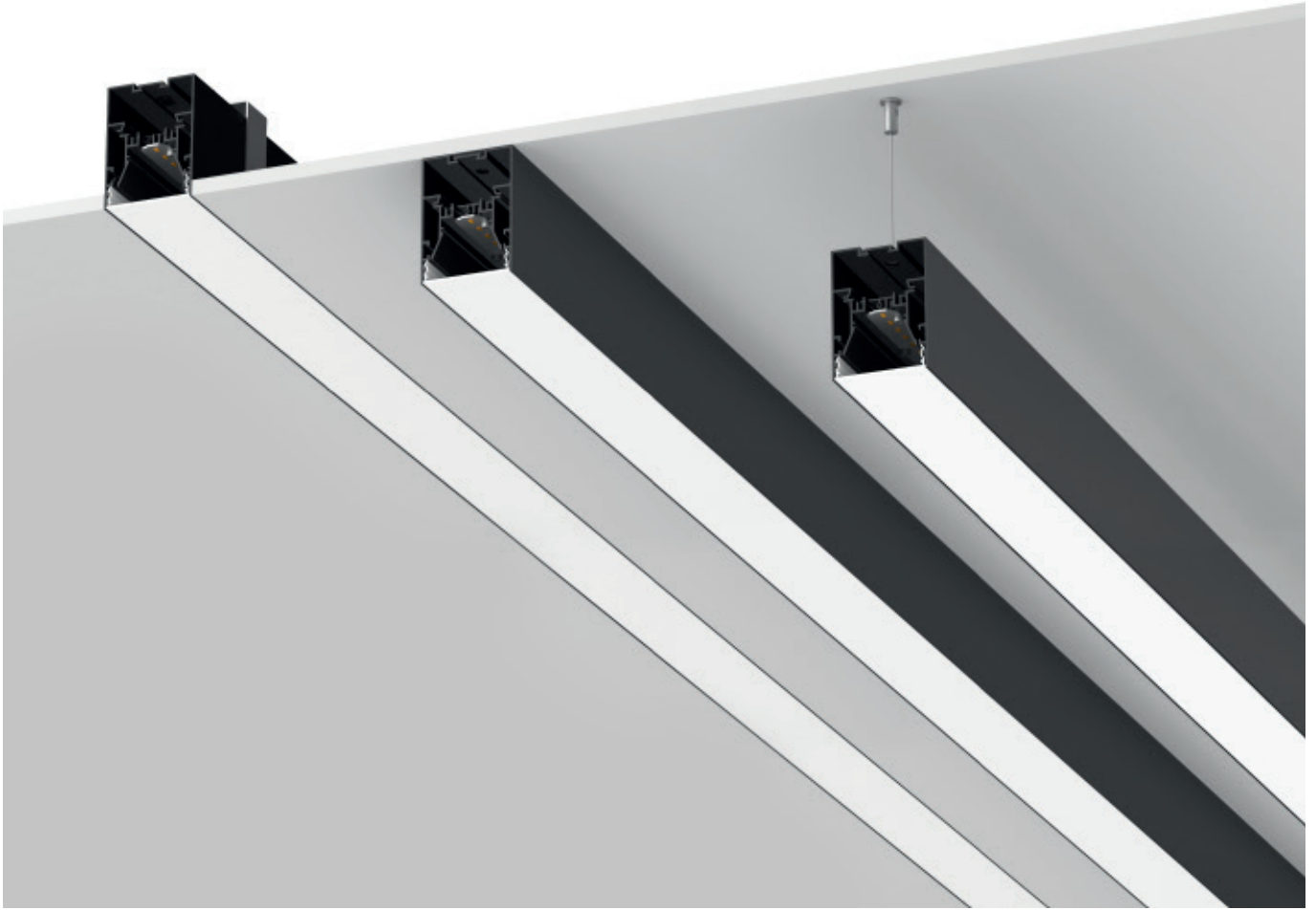
# IN-FINITY

DESIGNED BY FLOS ARCHITECTURAL

RECESSED

SURFACE

SUSPENSION  
UP&DOWN / DOWN



Recessed  
No Trim



Recessed  
Trim



Surface



Suspension  
Down



Suspension  
Up&Down

## Descrizione

Sistema di illuminazione LED a incasso, a superficie o sospeso (vedere il tipo di montaggio in base al modello) progettato per aree di lavoro e spazi professionali. Gli apparecchi sono disponibili in diverse larghezze, da 25 mm, 35 mm o 70 mm.

Nel modello da 25 mm di larghezza:

- Il sistema è modulare ed è composto da elementi rettilinei con misure da 1000 mm a 3000 mm e diversi accessori, ad esempio coperchi e kit specifici per l'installazione sospesa (con cavi di sospensione e di alimentazione). I singoli moduli possono essere collegati meccanicamente tra loro. Da un punto di vista elettrico, ogni modulo è dotato di un ingresso di alimentazione indipendente associato a un driver, che potrà essere specifico per un singolo modulo o condiviso tra più moduli.
- Il modulo LED, il profilo, il riflettore e il diffusore vengono offerti insieme come un unico elemento completo associato a un singolo codice di vendita (nelle 5 opzioni di lunghezza disponibili).

Nei modelli da 35 e da 70 mm di larghezza:

- Il sistema è modulare ed è composto da elementi rettilinei con misure che vanno da 565 mm a 3095 mm, con angolo sulla stessa superficie o con cambio di quota soffitto-parete, ed è dotato di diversi accessori, ad esempio coperchi e kit di sospensione. I singoli moduli possono essere collegati elettricamente e meccanicamente tra loro. Da un punto di vista elettrico, tutta la composizione modulare si alimenta da un unico punto.
- Gli apparecchi sono completati dai seguenti elementi:
  - Moduli LED con driver incluso, nelle versioni da 3000 K e 4000 K.
  - Profilo in alluminio per l'installazione.
  - Riflettore.
  - Sistema di giunzione per il collegamento dei moduli.
  - Cavo di sicurezza per prevenire la caduta degli apparecchi e garantire la massima protezione durante le operazioni di installazione.
  - Sono disponibili due diffusori diversi: un diffusore opalino per l'illuminazione generale e un diffusore microprismatico per un maggiore comfort visivo. Sono anche disponibili come accessorio a parte per riempire spazi vuoti in strutture angolari o con una lunghezza superiore a 3 m.
- Il profilo esterno della versione Recessed No Trim è disponibile solo nella finitura di colore bianco. Tutte le altre versioni sono disponibili nelle seguenti finiture: bianco, grigio anodizzato e nero.

## Unità di alimentazione

Nel modello da 25 mm di larghezza:

- I driver non sono inclusi, vedere le attrezzature raccomandate.

Nei modelli da 35 e da 70 mm di larghezza:

- I driver sono inclusi nei moduli di illuminazione per il collegamento diretto alla rete da 220-240 V o ad altri moduli del sistema.

## Accessori

In tutti i modelli, se necessario ai fini dell'installazione, è necessario richiedere a parte i seguenti accessori disponibili:

- Coperchi.
- Kit di sospensione.
- Kit di alimentazione.

## Informazioni aggiuntive

Nel modello da 25 mm di larghezza:

- Per le opzioni regolabili, vedere.
- Grado di protezione IP20.
- Classe di isolamento III.

Nei modelli da 35 e da 70 mm di larghezza:

- Disponibile nella versione DALI 1-100%.
- Versione dimmerabile da 1-10 V disponibile su richiesta.
- Grado di protezione IP20, IP40.
- Classe di isolamento I.

L'utilizzo combinato dei modelli da 25 mm e dei modelli da 35 o 70 mm può comportare lievi differenze cromatiche a livello di illuminazione. Si consiglia di non utilizzare insieme un modello da 25 mm e un modello da 35 o 70 mm all'interno di ambienti condivisi.

Prima di effettuare l'ordine, consultare i dati del prodotto anche sulla pagina del sito web di Flos dedicata ai professionisti, nella scheda tecnica e nelle istruzioni di installazione e montaggio per conoscere nel dettaglio tutte le informazioni potenzialmente utili ai fini del progetto o dell'installazione da realizzare che potrebbero non figurare in questo catalogo.

## Conformità alle Normative e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e Parti 2.

## Description

Built-in, surface or suspended LED lighting system (see type of mounting, depending on the model) designed for work areas and professional spaces. The lights are available in widths of 25 mm, 35 mm or 70 mm.

In the 25 mm wide model:

- The system is modular and consists of straight elements measuring between 1000 mm and 3000 mm, and accessories such as special kits and covers for suspended installation (with suspension and power cables). Each module can be connected to others mechanically. Electrically, each module operates with a separate power input connected to a driver (either dedicated to one module or shared between several).
- The LED module, profile, reflector and diffuser are offered together as one complete element under a single sale code (in the 5 lengths available).

In the 35 and 70 mm wide models:

- The system is modular and consists of straight elements measuring between 565 mm and 3095 mm, angled in the same plane or with ceiling-wall plane variations, and accessories such as covers and suspension kits. Each module can be connected to others mechanically and electrically, the entire modular arrangement is powered from just one point.
- The lights are complete with:
  - LED light modules with driver included, in 3000K and 4000K versions.
  - Aluminium profile for installation.
  - Reflector.
  - Module connection system.
  - Fall-prevention safety cable for the lights, to ensure maximum protection during installation operations.
  - Two different diffusers available: opal for general lighting or micro-prism for increased visual comfort. Also available as a separate accessory to complete gaps in structures with corners or lengths greater than 3 m.
- The exterior profile in the Recessed No Trim version is only available in a white finish. All other versions are available with the following finishes: white, anodised grey and black.

## Power supply units

In the 25 mm wide model:

- Drivers not included, see recommended equipment.

In the 35 and 70 mm wide models:

- Drivers included in lighting modules for direct connection to 220-240V network or to other system modules.

## Accessories

If necessary for the installation, the following accessories must be requested separately for all models:

- Covers.
- Suspension kits.
- Power supply kits.

## Additional information

In the 25 mm wide model:

- For adjustable options seek advice.
- IP20 protection rating.
- Insulation class III.

In the 35 and 70 mm wide models:

- DALI 1-100% version available.
- 1-10V dimmable version on request.
- IP20, IP40 protection rating.
- Insulation class I.

Combining models 25 and 35/70 may result in the light having slight colour differences. It is not advisable to combine model 25 with the 35/70 in shared spaces.

Before ordering, view the product details in the specifications on the Flos website, the technical sheet and the installation and assembly instructions, in order to fully understand information that may not appear in the catalogue, and which may be relevant for your actual project or installation.

## Compliance with Standards and Quality Standards

The light complies with EU technical standard EN60598-1 and the sections contained within.

# IN-FINITY

DESIGNED BY FLOS ARCHITECTURAL

SURFACE

SUSPENSION  
DOWN



25 mm

**LIGHT SOURCE**

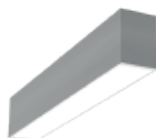
TOP LED  
19,5W/m  
2103 lm/m  
3000K/CRI 90  
2195 lm/m  
4000K/CRI 90

RECESSED  
TRIM / NO TRIM

SURFACE

SUSPENSION  
DOWN

SUSPENSION  
UP&DOWN



35 mm

70 mm

**LIGHT SOURCE**

TOP LED  
18,5W/m  
2665 lm/m  
3000K/CRI 80  
18,5W/m  
2800 lm/m  
4000K/CRI 80

**LIGHT SOURCE**

TOP LED  
25W/m  
2985 lm/m  
3000K/CRI 80  
25W/m  
3135 lm/m  
4000K/CRI 80

35 mm

70 mm

**LIGHT SOURCE**

TOP LED  
31,5W/m  
1785 lm/m UP  
2665 lm/m DOWN  
3000K/CRI 80  
31,5W/m  
1875 lm/m UP  
2800 lm/m DOWN  
4000K/CRI 80

**LIGHT SOURCE**

TOP LED  
38W/m  
1785 lm/m UP  
2985 lm/m DOWN  
3000K/CRI 80  
38W/m  
1875 lm/m UP  
3135 lm/m DOWN  
4000K/CRI 80



25

□ 40 Bianco  
40 White

■ 29 Grigio Anodizzato  
29 Anodized Grey

■ 14 Nero  
14 Black



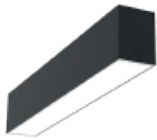
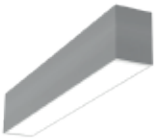
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35 / 70

□ 30 Bianco  
30 White

■ 02 Grigio Anodizzato  
02 Anodized Grey

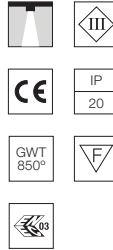
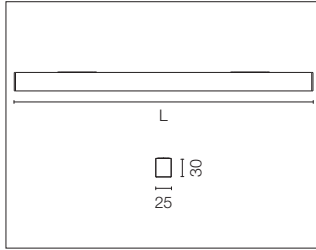
■ 14 Nero  
14 Black



# IN-FINITY 25

## In-Finity 25 mm

**Light Source:** Top LED 19,5W/m - 2103 lm/m - 3000K/CRI 90 / 19,5W/m - 2195 lm/m - 4000K/CRI 90



Profilo LED per un'illuminazione lineare, solo con larghezza 25mm. Disponibile nelle versioni da superficie e con possibilità d'installazione in sospensione mediante l'apposito kit. Driver non compresi.

LED profile for linear lighting, only 25 mm wide. Available in surface mounted versions, with possibility of suspended installation by means of a dedicated kit. Drivers not included.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 220-240V 60W	60.9705
Non Dimmable 220-240V 60W	60.9515
Non Dimmable 220-240V 120W	60.9516

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 3000K

L: 1000 mm

- 03.5330.40
- 03.5330.29
- 03.5330.AN

L: 1500 mm

- 03.5331.40
- 03.5331.29
- 03.5331.AN

L: 2000 mm

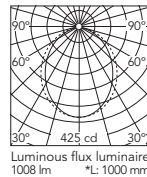
- 03.5332.40
- 03.5332.29
- 03.5332.AN

L: 2500 mm

- 03.5333.40
- 03.5333.29
- 03.5333.AN

L: 3000 mm

- 03.5334.40
- 03.5334.29
- 03.5334.AN



Beam Angle: 91°

h(m)	E(lx)	D(m)
1	425	2.04
2	106	4.07
3	47	6.11
4	27	8.15
5	17	10.18

### 4000K

L: 1000 mm

- 03.5335.40
- 03.5335.29
- 03.5335.AN

L: 1500 mm

- 03.5336.40
- 03.5336.29
- 03.5336.AN

L: 2000 mm

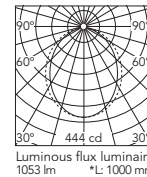
- 03.5337.40
- 03.5337.29
- 03.5337.AN

L: 2500 mm

- 03.5338.40
- 03.5338.29
- 03.5338.AN

L: 3000 mm

- 03.5339.40
- 03.5339.29
- 03.5339.AN



Beam Angle: 91°

h(m)	E(lx)	D(m)
1	444	2.04
2	111	4.07
3	49	6.11
4	28	8.15
5	18	10.18

## Accessori / Accessories

Terminali di chiusura, metallico, per i diversi profili.  
Kit di 2 unità.

Metal end cap for the different profiles.  
2 unit kit.



- 08.0131.40
- 08.0131.29
- 08.0131.14

Kit di sospensione da una unità (L = 4 m).  
Distanza massima tra i cavi di sospensione:  
850mm. Dimensioni ancoraggio a soffitto  
(h=63mm, d=22mm) e ancoraggio al profilo  
(l=63mm a=22mm h=7,5mm)

One unit suspension kit (L = 4 m). Maximum  
distance between the suspension cables: 850mm.  
Ceiling anchor dimensions (h=63mm, d=22mm) and  
anchor to profile (l=63mm a=22mm h=7,5mm)



08.0139.00

Cavo di alimentazione trasparente, lunghezza  
5m. Da usare con i driver remoti.

5-meter long, transparent power cable. To  
use with remote drivers.



- 06.0420.30
- 06.0420.14



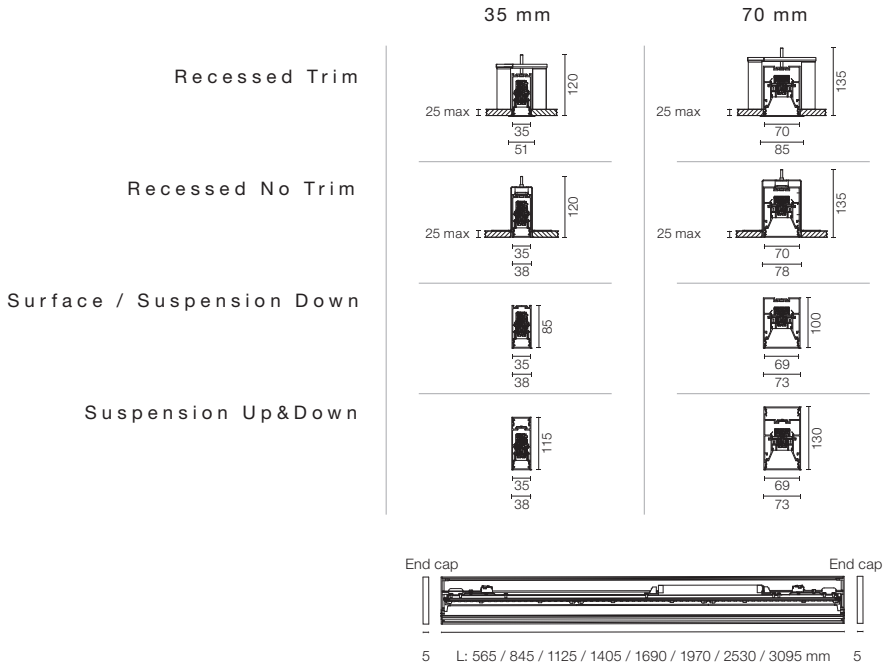
# IN-FINITY 35 & 70

## Profili

Elementi lineari e angolari d'illuminazione in diverse lunghezze, che consentono composizioni specifiche per ciascun progetto, o poter essere completate con un coperchio su ciascuna estremità in modo da essere utilizzato come un singolo apparecchio luminoso. Tutti gli elementi del sistema sono completamente illuminati dal modulo LED incluso, e comprendono il driver necessario per il loro funzionamento, il canale d'installazione ed il diffusore della versione selezionata. Elementi a X o T personalizzati disponibili su richiesta.

## Profiles

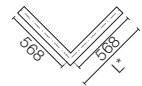
Straight elements of different lengths and corner elements, to be composed according to the specific need of each project or to be completed by a pair of end caps and used as a single lamp. All system elements are completely illuminated by an included LED module, the required driver, installation channel, and the diffuser for the version selected. Custom X or T elements available under request.



### Angolo Piatto / Flat Corner

Apparecchio per illuminazione di angoli che si trovano sulla stessa superficie; completo di driver, canale d'installazione ed il diffusore della versione selezionata.

Corner element lamps for angles on the same surface, complete with a driver, installation channel and the diffuser for the version selected.

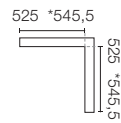


\*L: 586 mm - N35 / L: 603 mm - N70

### Angolo Diedro / Dihedral Corner

Apparecchio per illuminazione di angoli che si trovano su superfici differenti (esempio: angolo da soffitto a parete); completo di driver, canale d'installazione ed il diffusore della versione selezionata. Non disponibile per le versioni di sospensione.

Corner element lamps for angles with surface changes (example: angle ceiling / wall), complete with a driver, installation channel and the diffuser for the version selected. For suspended versions not available.

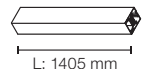


\*35 mm section

### Emergenza / Emergency

Modulo di emergenza disponibile in tutte le versioni, tranne che per la Up&Down. Nell'uso normale, stesso consumo dell'In-Finity standard. Nell'uso d'emergenza, emette un 10% del flusso luminoso normale per 3 ore.

Emergency module available for all versions except for the Up&Down version. In normal use, it uses the same power consumption as the standard In-Finity. In emergency use, it emits 10% of normal use during 3 hours.



### \*Diffusore Opalino / Opal Diffuser

Illuminazione d'ambiente diffusa, uniforme e schermata. Disponibile anche come accessorio separato per completare spazi vuoti in strutture con angoli o lunghezza superiore a 3m.

Diffuse, glare free and uniform lighting throughout the room. Also available as separate accessory to fill gaps in structures with corners or longer than 3 meters.



### \*Diffusore Microprismato / Micro-Prismatic Diffuser

Diffusore altamente efficiente per illuminazione schermata di UGR<19, grazie alla sua esclusiva struttura microprismatica multistrato. Disponibile anche come accessorio separato per completare spazi vuoti in strutture con angoli o lunghezza superiore a 3m.

Highly efficient multilayer diffuser that, thanks to its unique micro-prismatic texture, provides a glare free UGR<19 light beam. Also available as separate accessory to fill gaps in structures with corners or longer than 3 meters.



# IN-FINITY 35 & 70

## COME OTTENERE IL PROPRIO CODICE / HOW TO GET YOUR CODE

Per una comprensione più rapida e una panoramica della gamma, la struttura della numerazione della famiglia In-Finity è stata creata per corrispondere alle richieste di ciascuna installazione specifica. In base alla seguente tabella, per ciascun campo, basta scegliere il numero o lettera corrispondente alla versione In-Finity desiderata e si otterrà il codice finale.

For a quicker understanding and easier overview of the range, the part number structure for the In-Finity family has been created to be composed to match the requests of each specific installation. According to the following table, for each field, just choose the number or letter corresponding to the In-Finity version you need, and you'll have the final code.

		N	70	S	25	4	U	14B	DA
<b>Sezione / Section</b>									
35 mm	35								
70 mm	70								
<b>*Installazione / Installation</b>									
Recessed Trim	T								
Recessed No Trim	N								
Surface	S								
Suspension Down	D								
Suspension Up&Down	U								
<b>Elementi / Elements</b>									
Lineare / Straight 565 mm	05								
Lineare / Straight 845 mm	08								
Lineare / Straight 1125 mm	11								
Lineare / Straight 1405 mm	14								
Lineare / Straight 1690 mm	16								
Lineare / Straight 1970 mm	19								
Lineare / Straight 2530 mm	25								
Lineare / Straight 3095 mm	30								
Angolo Piatto / Flat Corner	FC								
Angolo Diedro / Dihedral Corner	DC								
Emergenza / Emergency (1405 mm)	EM								
<b>Temperatura del Colore / Color T* (°K)</b>									
3000K	3								
4000K	4								
<b>**Ottica / Optic</b>									
General Lighting (Opal)	G								
Micro-Prismatic Diffuser	U								
<b>Colori / Colours</b>									
Bianco / White	30B	30							
Grigio Anodizzato / Anodized Grey	02B	02							
Nero / Black	14B	14							
<b>Versione / Version</b>									
Standard (Non Dimmable)									
Dali	DA								

\* La versione Recessed No Trim è disponibile solo nella finitura bianca (30). / No Trim Recessed version is only available in white finish (30).

Nelle versioni Suspension è disponibile solo l'angolo piatto. / In Suspension versions only available flat corner.

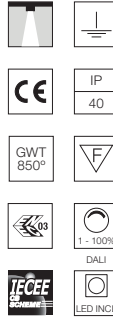
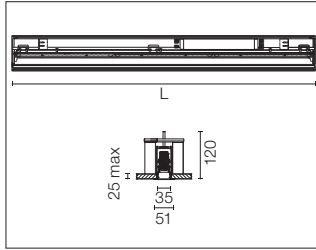
Nella versione Suspension Up&Down non è disponibile il profilo lineare da 565 mm. / Suspension Up&Down version is not available in 565 mm linear profile.

\*\*Disponibili anche come accessorio separato per completare spazi vuoti in strutture con angoli o lunghezza superiore a 3m / Also available as separate accessories to fill gaps in structures with corners or longer than 3 m.

# IN-FINITY 35 & 70

## In-Finity Recessed Trim 35 mm

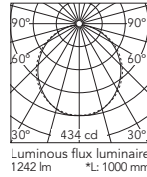
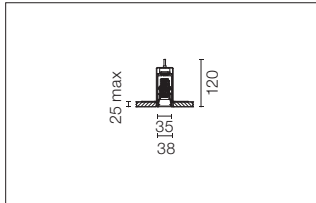
Light Source: Top LED 18,5W/m - 2665 lm/m - 3000K/CRI 80 / 18,5W/m - 2800 lm/m - 4000K/CRI 80



Sistema modulare di illuminazione ad incasso LED trim/no trim, formato da moduli LED, profilo di alluminio e diffusore. Drivers inclusi nei moduli d'illuminazione per il collegamento alla rete elettrica di 220-240V o ad altri moduli di illuminazione.

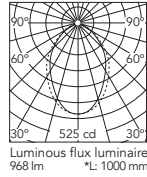
LED modular system for recessed trim/no trim installation, including LED luminaires, aluminum installation profile and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.

## In-Finity Recessed No Trim 35 mm



Beam Angle: 110°

h(m)	E(lx)	D(m)
1	434	2.84
2	108	5.68
3	48	8.52
4	27	11.36
5	17	14.19



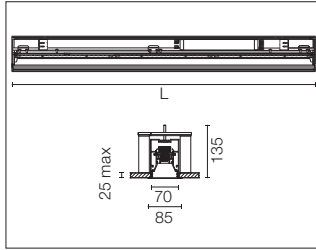
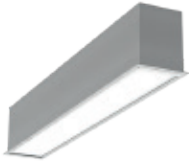
Beam Angle: 76°

h(m)	E(lx)	D(m)
1	525	1.55
2	131	3.11
3	58	4.66
4	33	6.22
5	21	7.77

# IN-FINITY 35 & 70

## In-Finity Recessed Trim 70 mm

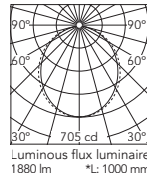
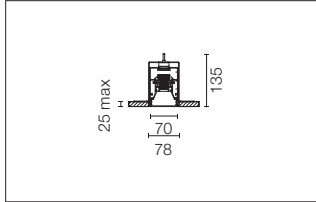
Light Source: Top LED 25W/m - 2985 lm/m - 3000K/CRI 80 / 25W/m - 3135 lm/m - 4000K/CRI 80



Sistema modulare di illuminazione ad incasso LED trim/no trim, formato da moduli LED, profilo di alluminio e diffusore. Drivers inclusi nei moduli d'illuminazione per il collegamento alla rete elettrica di 220-240V o ad altri moduli di illuminazione.

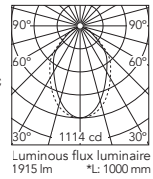
LED modular system for recessed trim/no trim installation, including LED luminaires, aluminum installation profile and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.

## In-Finity Recessed No Trim 70 mm



Beam Angle: 103°

h(m)	E(lx)	D(m)
1	705	2.51
2	176	5.03
3	78	7.54
4	44	10.05
5	28	12.57



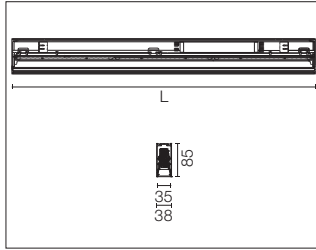
Beam Angle: 72°

h(m)	E(lx)	D(m)
1	1114	1.46
2	278	2.92
3	124	4.38
4	70	5.84
5	45	7.30

# IN-FINITY 35 & 70

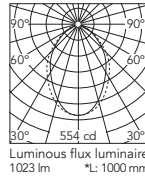
## In-Finity Surface 35 mm

Light Source: Top LED 18,5W/m - 2665 lm/m - 3000K/CRI 80 / 18,5W/m - 2800 lm/m - 4000K/CRI 80



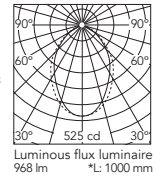
Sistema modulare d'illuminazione da superficie LED, formato da moduli LED, profilo di alluminio e diffusore. Drivers inclusi nei moduli d'illuminazione per il collegamento alla rete elettrica di 220-240V o ad altri moduli di illuminazione.

LED modular system for surface installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.



Beam Angle: 76°

	h(m)	Et(x)	D(m)
1	554	1.55	
2	139	3.11	
3	62	4.66	
4	35	6.22	
5	22	7.77	

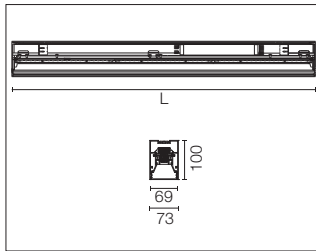
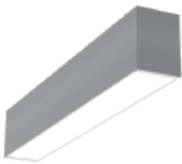


Beam Angle: 76°

	h(m)	Et(x)	D(m)
1	525	1.55	
2	131	3.11	
3	58	4.66	
4	33	6.22	
5	21	7.77	

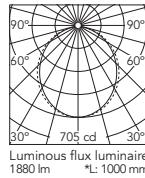
## In-Finity Surface 70 mm

Light Source: Top LED 25W/m - 2985 lm/m - 3000K/CRI 80 / 25W/m - 3135 lm/m - 4000K/CRI 80



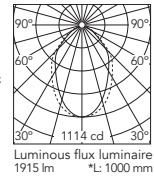
Sistema modulare d'illuminazione da superficie LED, formato da moduli LED, profilo di alluminio e diffusore. Drivers inclusi nei moduli d'illuminazione per il collegamento alla rete elettrica di 220-240V o ad altri moduli di illuminazione.

LED modular system for surface installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules.



Beam Angle: 103°

	h(m)	Et(x)	D(m)
1	705	2.51	
2	176	5.03	
3	78	7.54	
4	44	10.05	
5	28	12.57	



Beam Angle: 72°

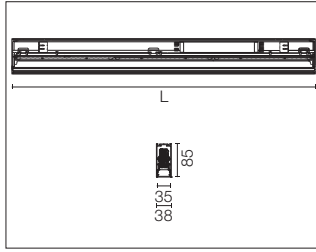
	h(m)	Et(x)	D(m)
1	1114	1.46	
2	278	2.92	
3	124	4.38	
4	70	5.84	
5	45	7.30	



# IN-FINITY 35 & 70

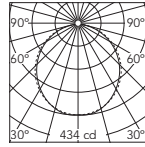
## In-Finity Suspension Down 35 mm

Light Source: Top LED 18,5W/m - 2665 lm/m - 3000K/CRI 80 / 18,5W/m - 2800 lm/m - 4000K/CRI 80



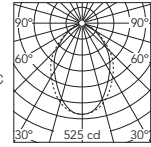
Sistema modulare d'illuminazione a sospensione LED formato da moduli LED, profilo di alluminio e diffusore. Drivers inclusi nei moduli d'illuminazione per il collegamento alla rete elettrica di 220-240V o ad altri moduli di illuminazione. Kit di sospensione non incluso.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



Luminous flux luminaire  
1242 lm \*L: 1000 mm

Beam Angle: 110°	h(m)	Et(x)	D(m)
1	434	2.84	
2	108	5.68	
3	48	8.52	
4	27	11.36	
5	17	14.19	

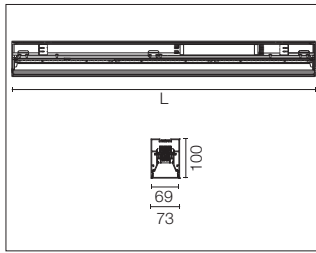


Luminous flux luminaire  
968 lm \*L: 1000 mm

Beam Angle: 76°	h(m)	Et(x)	D(m)
1	525	1.55	
2	131	3.11	
3	58	4.66	
4	33	6.22	
5	21	7.77	

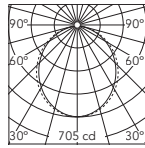
## In-Finity Suspension Down 70 mm

Light Source: Top LED 25W/m - 2985 lm/m - 3000K/CRI 80 / 25W/m - 3135 lm/m - 4000K/CRI 80



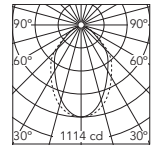
Sistema modulare d'illuminazione a sospensione LED formato da moduli LED, profilo di alluminio e diffusore. Drivers inclusi nei moduli d'illuminazione per il collegamento alla rete elettrica di 220-240V o ad altri moduli di illuminazione. Kit di sospensione non incluso.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit not included.



Luminous flux luminaire  
1880 lm \*L: 1000 mm

Beam Angle: 103°	h(m)	Et(x)	D(m)
1	705	2.51	
2	176	5.03	
3	78	7.54	
4	44	10.05	
5	28	12.57	



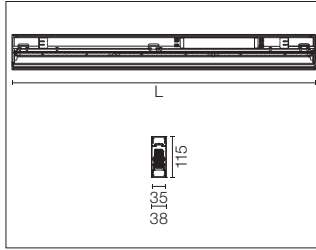
Luminous flux luminaire  
1915 lm \*L: 1000 mm

Beam Angle: 72°	h(m)	Et(x)	D(m)
1	1114	1.46	
2	278	2.92	
3	124	4.38	
4	70	5.84	
5	45	7.30	

# IN-FINITY 35 & 70

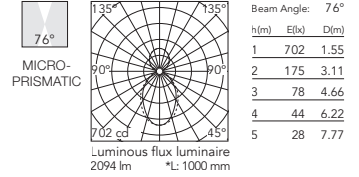
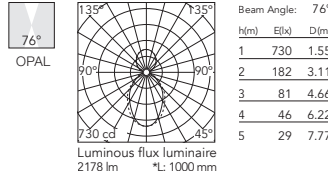
## In-Finity Suspension Up&Down 35 mm

**Light Source:** Top LED 31,5W/m - 1785 lm/m UP - 2665 lm/m DOWN - 3000K/CRI 80 / 31,5W/m - 1875 lm/m UP - 2800 lm/m DOWN - 4000K/CRI 80



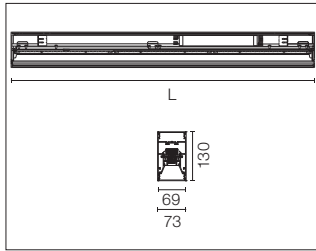
Sistema modulare d'illuminazione a sospensione LED formato da moduli LED, profilo di alluminio e diffusore. Drivers inclusi nei moduli d'illuminazione per il collegamento alla rete elettrica di 220-240V o ad altri moduli di illuminazione. Kit di sospensione incluso.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit included.



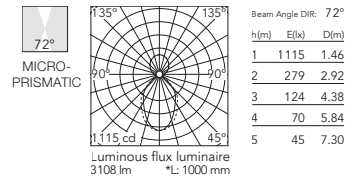
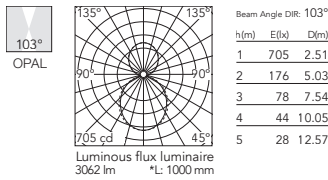
## In-Finity Suspension Up&Down 70 mm

**Light Source:** Top LED 38W/m - 1785 lm/m UP - 2985 lm/m DOWN - 3000K/CRI 80 / 38W/m - 1875 lm/m UP - 3135 lm/m DOWN - 4000K/CRI 80



Sistema modulare d'illuminazione a sospensione LED formato da moduli LED, profilo di alluminio e diffusore. Drivers inclusi nei moduli d'illuminazione per il collegamento alla rete elettrica di 220-240V o ad altri moduli di illuminazione. Kit di sospensione incluso.

LED modular system for suspended installation, including LED luminaires, aluminum installation profile, and diffusers. Drivers included in lighting modules for 220-240V connection to mains or to other lighting modules. Suspension kit included.



# IN - FINITY 35 & 70

## Accessori / Accessories

Terminali di chiusura, metallico, per i diversi profili.  
Kit di 2 unità.

Metal end cap for the different profiles.  
2 unit kit.

Contattare Flos Architectural per una  
configurazione senza terminali di chiusura.

Contact Flos Architectural team for a configuration  
without end caps.




\*La versione Recessed No Trim è disponibile solo  
nella finitura bianca (40).

\*No Trim Recessed version is only available in white  
finish (40).






### Recessed Trim

35 mm




-  08.9051.40
-  08.9051.02
-  08.9051.NS

70 mm




-  08.9053.40
-  08.9053.02
-  08.9053.NS

### Recessed No Trim\* / Surface / Suspension Down

35 mm




-  08.9050.40
-  08.9050.02
-  08.9050.NS

70 mm




-  08.9052.40
-  08.9052.02
-  08.9052.NS

### Suspension Up&Down

35 mm

-  08.9056.40
-  08.9056.02
-  08.9056.NS

70 mm

-  08.9057.40
-  08.9057.02
-  08.9057.NS

Kit di sospensione da una unità (L = 4 m).  
Distanza massima tra i cavi di sospensione: 2 m.  
Dimensioni ancoraggio a soffitto (h=63mm,  
d=22mm) e ancoraggio al profilo (l=36mm  
a=24mm h=9mm)

One unit suspension kit (L = 4 m). Maximum  
distance between the suspension cables: 2 m.  
Ceiling anchor dimensions (h=63mm, d=22mm) and  
anchor to profile (l=36mm a=24mm h=9mm)



08.0030

Rosone di alimentazione per l'installazione sospesa  
di In-Finity. La versione standard viene fornita  
con cavo a tre poli per l'accensione semplice. La  
versione Dali viene fornita con cavo a cinque poli,  
che può essere utilizzato per l'accensione doppia  
indipendente dell'illuminazione diretta e indiretta  
nella versione Up&Down standard. Comprende  
cavo da sospensione di 4 m.

Power supply rose for the hanging installation of the  
In-finity. The standard version comes with a three-pole cable  
for basic switching. The Dali version comes with a  
five-pole cable that can be used for double switching,  
independent from the direct and indirect lighting  
in the standard Up&Down version. Includes a 4 m  
suspension cable.



08.0031.00  
Dali Version  
08.0031.00.DA

Diffusore opalino da 500 mm. Illuminazione  
d'ambiente diffusa, uniforme e schermata.  
Accessorio per completare spazi vuoti in strutture  
con angoli o lunghezza superiore a 3m.

500 mm opal diffuser. Diffuse, glare free and  
uniform lighting throughout the room.  
Accessory to fill gaps in structures with corners or  
longer than 3 meters.



In-Finity 35  
08.0109.00  
In-Finity 70  
08.0110.00

Diffusore microprismato da 500 mm. Diffusore  
altamente efficiente per illuminazione schermata  
di UGR<19, grazie alla sua esclusiva struttura  
microprismatica multistrato.  
Accessorio per completare spazi vuoti in strutture  
con angoli o lunghezza superiore a 3m.

500 mm micro-prismatic diffuser. Highly efficient  
multilayer diffuser that, thanks to its unique micro-  
prismatic texture, provides a glare free UGR<19  
light beam.  
Accessory to fill gaps in structures with corners or  
longer than 3 meters.



In-Finity 35  
08.0112.00  
In-Finity 70  
08.0113.00

# LIGHT CUT MINI

DESIGNED BY FLOS ARCHITECTURAL

PERIMETRAL

70 mm

140 mm



## SPOTS MODULES

				
<b>LIGHT SOURCE</b> LED ARRAY 18W 1850 lm 3000K/CRI 90	<b>LIGHT SOURCE</b> LED ARRAY HIGHT PERFORMANCE 18W 2193 lm 3000K/CRI 90	<b>LIGHT SOURCE</b> LED ARRAY 14,4W 1380 lm 3000K/CRI 90	<b>LIGHT SOURCE</b> POWER LED 10W 999 lm 3000K/CRI 80	<b>LIGHT SOURCE</b> PHOSPHOR LED 17W 1400 lm 3000K/CRI 98 18W 1870 lm 3000K/CRI 80

□ 30 Bianco Opaco  
30 Matte White

■ 14 Nero Opaco  
14 Matte Black



# LIGHT CUT MINI

## Descrizione

Sistema di illuminazione composto da un profilo estruso che si integra perfettamente in soffitti realizzati in cartongesso. È predisposto per integrare in modo semplice l'illuminazione con proiettori LED o alogeni. I proiettori sono predisposti per essere installati direttamente sopra il profilo, con dispositivi remoti di classe II. Inoltre, sono disponibili due misure, a seconda dell'installazione. Dispone di accessori per ottimizzare il comfort visivo e di filtri colorati.

## Informazioni Aggiuntive

Installabile esclusivamente su superfici di cartongesso di 12,5 mm di spessore.

È possibile accorciare i profili fino a qualsiasi dimensione. Grado di protezione IP20.

Adatti ad installazioni su superfici normalmente infiammabili.

Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Lighting system comprising an extruded profile which integrates perfectly in plasterboard ceilings. It is prepared for the simple integration of lighting with LED or halogens projectors.

The projectors are prepared for installation directly on the profile, with Class II remote equipment. Furthermore, they are available in two sizes depending on the installation. It has accessories for visual comfort optimization and colour filters.

## Additional Information

Can only be installed in 12.5 mm thick plaster-board.

It is possible to cut the profiles to any size.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Profiles



Spot Module



Spot Module  
Electrical  
Connection

# LIGHT CUT MINI – PROFILES

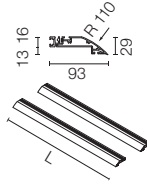
## Installazione Canale 70 / Canale 140

Struttura realizzata in alluminio, da integrare in soffitti in cartongesso.  
Consente di incorporare proiettori. E' composto da profili da 1 o 2 metri per l'installazione all'interno di un canale più angoli interni ed esterni doppi.  
È possibile accorciare i profili fino a qualsiasi dimensione.

## Channel 70 / Channel 140 Installation

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors. Channel installation consists of 1 or 2 meter profiles, double inside and outside corners. It is possible to cut the profiles to any size.

Profilo in alluminio. Kit da 2 unità. Aluminium profile. 2 unit kit.



Channel 70 / 140

L: 1000 mm

08.8720.30

08.8720.14

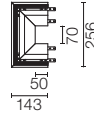
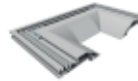
L: 2000 mm

08.8721.30

08.8721.14

Terminale di chiusura. End cap.

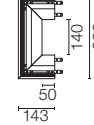
End cap.



Channel 70

08.8705.30

08.8705.14



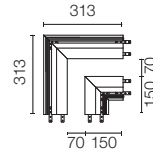
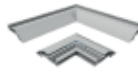
Channel 140

08.8706.30

08.8706.14

Angolo. Corner.

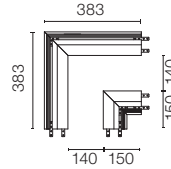
Corner.



Channel 70

08.8707.30

08.8707.14



Channel 140

08.8708.30

08.8708.14

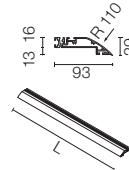
## Installazione Perimetrale

Struttura realizzata in alluminio, da integrare in soffitti in cartongesso.  
Consente di incorporare proiettori. E' composto da profili da 1 o 2 metri per l'installazione perimetrale più angoli interni ed esterni. È possibile accorciare i profili fino a qualsiasi dimensione.

## Perimetral Installation

Structural system in aluminium to integrate in plasterboard ceilings. It allows incorporation of projectors. Perimetral installation consists of 1 or 2 meter profiles, inside and outside corners. It is possible to cut the profiles to any size.

Profilo in alluminio. Kit da 1 unità. Aluminium profile. 1 unit kit.



L: 1000 mm

08.8701.30

08.8701.14

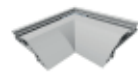
L: 2000 mm

08.8702.30

08.8702.14

Angolo interno. Inner corner.

Inner corner.

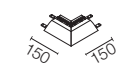


08.8709.30

08.8709.14

Angolo esterno. Outer corner.

Outer corner.



08.8710.30

08.8710.14

Accessorio per angolo verticale. Accessory for vertical corner.

Accessory for vertical corner.

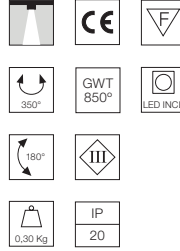
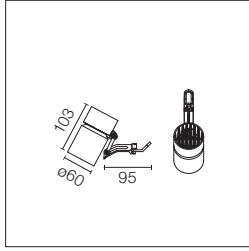


08.8711.00

# LIGHT CUT MINI – SPOTS

## Spot Module Pro LED Array

**Light Source:** LED Array DC 500 mA - 18W - 1850 lm - 3000K/CRI 90  
LED Array High Performance DC 500 mA - 18W - 2193 lm - 3000K/CRI 90



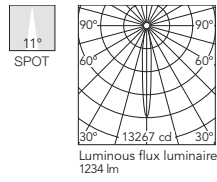
Proiettore per l'installazione nella struttura Light Cut Mini. Fonte di alimentazione a corrente costante remota.  
I riferimenti "High Performance" comprendono un riflettore ad alto rendimento.

Spotlight to be installed on Light Cut Mini system. Remote continuous current supply source not included. High performance part numbers include high performance reflector.

Alimentazioni raccomandate / Recommended power supply\*:  
Non Dimmable 220-240V RF31855  
Dimmable 0/1-10V / Push 220-240V RF27961  
Dimmable DALI 2 110-240V 60.9222  
Mains Dimming 220-240V 60.9467  
Casambi 220-240V 60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

09.0360.30  
09.0360.14

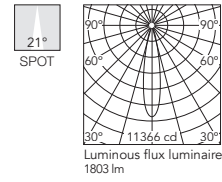


Beam Angle: 11°

h(m)	E(lx)	D(m)
1	13267	0.19
2	3317	0.39
3	1474	0.58
4	829	0.77
5	531	0.97

Luminous flux luminaire  
1234 lm

**High Performance**  
09.0365.30A  
09.0365.14A

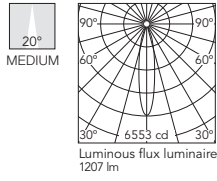


Beam Angle: 21°

h(m)	E(lx)	D(m)
1	11366	0.36
2	2842	0.73
3	1263	1.09
4	710	1.46
5	455	1.82

Luminous flux luminaire  
1803 lm

09.0361.30  
09.0361.14

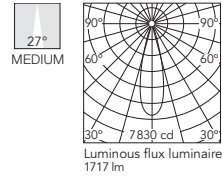


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	6553	0.35
2	1638	0.71
3	728	1.06
4	410	1.41
5	262	1.77

Luminous flux luminaire  
1207 lm

**High Performance**  
09.0366.30A  
09.0366.14A

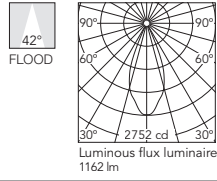


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	7830	0.49
2	1957	0.97
3	870	1.46
4	489	1.95
5	313	2.43

Luminous flux luminaire  
1717 lm

09.0362.30  
09.0362.14

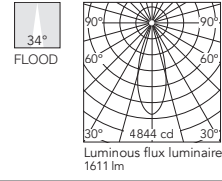


Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2752	0.76
2	688	1.53
3	306	2.29
4	172	3.05
5	110	3.81

Luminous flux luminaire  
1162 lm

**High Performance**  
09.0367.30A  
09.0367.14A



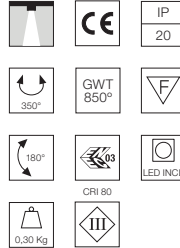
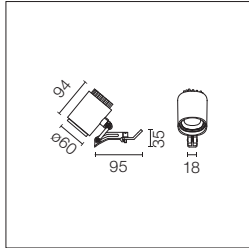
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	4844	0.62
2	1211	1.24
3	538	1.86
4	303	2.48
5	194	3.10

Luminous flux luminaire  
1611 lm

## Spot Module LED Array

**Light Source:** LED Array DC 300 mA - 10W - 1380 lm - 3000K/CRI 90



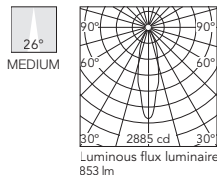
Proiettore per l'installazione nella struttura Light Cut Mini. Fonte di alimentazione a corrente costante remota.

Spotlight to be installed on Light Cut Mini system. Remote continuous current supply source not included.

Alimentazioni raccomandate / Recommended power supply\*:  
Non Dimmable 220-240V RF31855  
Dimmable 0/1-10V 110-240V RF27961  
Dimmable Dali 2 110-240V 60.8711A  
Mains Dim. Trailing Edge 220-240V 60.9421  
Casambi 220-240V 60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**CRI 90**  
09.0217.30C  
09.0217.14C

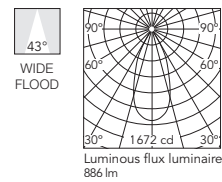


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2885	0.46
2	721	0.93
3	321	1.39
4	180	1.86
5	115	2.32

Luminous flux luminaire  
853 lm

**CRI 90**  
09.0219.30C  
09.0219.14C

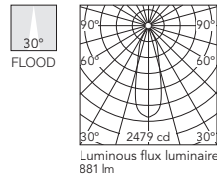


Beam Angle: 43°

h(m)	E(lx)	D(m)
1	1672	0.79
2	418	1.58
3	186	2.37
4	105	3.16
5	67	3.95

Luminous flux luminaire  
886 lm

**CRI 90**  
09.0218.30C  
09.0218.14C



Beam Angle: 30°

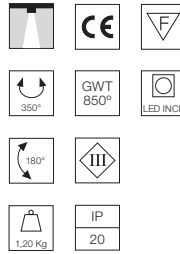
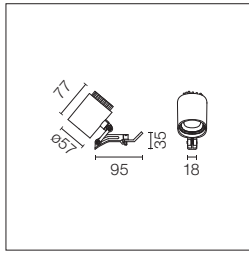
h(m)	E(lx)	D(m)
1	2479	0.53
2	620	1.06
3	275	1.59
4	155	2.11
5	99	2.64

Luminous flux luminaire  
881 lm

# LIGHT CUT MINI – SPOTS

## Spot Module Power LED

**Light Source:** Power LED DC 900 mA - 10,5W - 999 lm - 3000K/CRI 80



Proiettore per l'installazione nella struttura Light Cut Mini. Fonte di alimentazione a corrente costante remota.

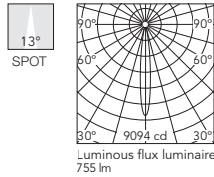
Spotlight to be installed on Light Cut Mini system. Remote continuous current supply source not included.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 220-240V	RF27370
Dimmable 0/1-10V 110-240V	RF27961
Dimmable DALI 2 110-240V	RF30699
Mains Dimming 220-240V	60.9467
Casambi 220-240V	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

09.0220.30C  
09.0220.14C

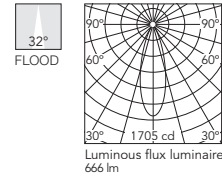


Beam Angle: 13°

h(m)	E(lx)	D(m)
1	9094	0.22
2	2274	0.45
3	1010	0.67
4	568	0.89
5	364	1.12

Luminous flux luminaire  
755 lm

09.0221.30C  
09.0221.14C



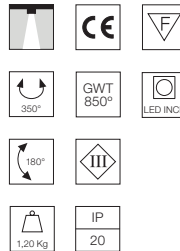
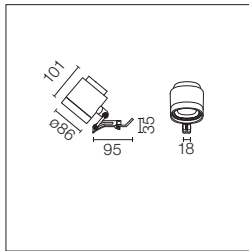
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	1705	0.57
2	426	1.14
3	189	1.71
4	107	2.28
5	68	2.85

Luminous flux luminaire  
666 lm

## Spot Module Phosphor LED

**Light Source:** Phosphor LED DC 650 mA - 18W - 1870 lm - 3000K/CRI 80 / DC 700 mA - 17W - 1400 lm - 3000K/CRI 98



Proiettore per l'installazione nella struttura Light Cut Mini. Fonte di alimentazione a corrente costante remota.

Spotlight to be installed on Light Cut Mini system. Remote continuous current supply source not included.

Solo per installazione in Canale 140.

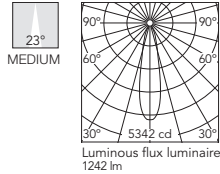
Only for Channel 140 installation.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 220-240V	RF27370
Dimmable 0/1-10V 110-240V	RF27961
Dimmable DALI 2 110-240V	RF30699
Mains Dimming 220-240V	60.9467
Casambi 220-240V	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**CRI 80**  
09.0230.30  
09.0230.14

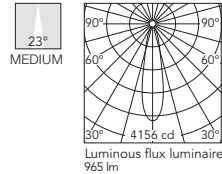


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	5342	0.41
2	1336	0.81
3	594	1.22
4	334	1.63
5	214	2.03

Luminous flux luminaire  
1242 lm

**CRI 98**  
09.0232.30  
09.0232.14

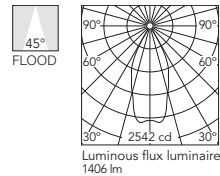


Beam Angle: 23°

h(m)	E(lx)	D(m)
1	4156	0.41
2	1039	0.81
3	462	1.22
4	260	1.63
5	166	2.04

Luminous flux luminaire  
965 lm

**CRI 80**  
09.0231.30  
09.0231.14

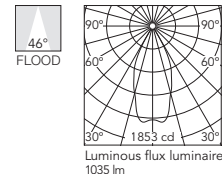


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	2542	0.84
2	636	1.68
3	282	2.52
4	159	3.35
5	102	4.19

Luminous flux luminaire  
1406 lm

**CRI 98**  
09.0233.30  
09.0233.14



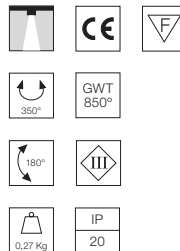
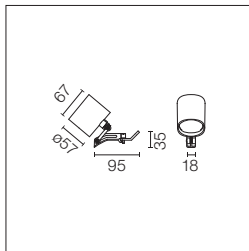
Beam Angle: 46°

h(m)	E(lx)	D(m)
1	1853	0.85
2	463	1.70
3	206	2.54
4	116	3.39
5	74	4.24

Luminous flux luminaire  
1035 lm

## Spot Module QR-CBC 51

**Light Source:** LED QR-CBC 51 GX5.3



Proiettore per l'installazione nella struttura Light Cut Mini. Trasformatore elettronico remoto non incluso.

Spotlight to be installed on Light Cut Mini system. Electronic transformer remote not included.

09.0203.30  
09.0203.14



# LIGHT CUT MINI

## Accessori / Accessories

### Spot module: QR-CBC 51

Accessorio di schermatura.  
Screening cylinder.



08.8380.30  
08.8380.14

Portafiltri realizzati in alluminio  
iniettato.



08.8363.30  
08.8363.14

Filter-holder made from injected  
aluminium.

Honeycomb  
Honeycomb



08.8182.14

Filtro blu  
Blue filter



08.8230.64.OD

Filtro azzurro  
Sky blue filter



08.8230.65.OD

Filtro ambra  
Amber filter



08.8230.66.OD

Filtro rosso  
Red filter



08.8230.67.OD

Filtro anti U.V.  
U.V. filter



08.8230.98.OD

Hot light  
Hot light



08.8230.69

Cold light  
Cold light



08.8230.CL

Daylight  
Daylight



08.8230.DL

Neodimium  
Neodimium



08.8230.ND

### Spot module: LED Array / Power LED

Filtro blu  
Blue filter



08.8501.64.OD

Filtro azzurro  
Sky blue filter



08.8501.65.OD

Filtro ambra  
Amber filter



08.8501.66.OD

Filtro rosso  
Red filter



08.8501.67.OD

Hot light  
Hot light



08.8501.69

Cold light  
Cold light



08.8501.CL

Daylight  
Daylight



08.8501.DL

Neodimium  
Neodimium



08.8501.ND

Honeycomb  
Honeycomb



08.3309.14

Lente ellittica  
Elliptical lens



08.8627.68

Lente flood  
Flood lens



08.3310.19



# HIGH COMFORT

Gustave, EMI, Oblique, Oblique Floor,  
Workmates, Light Shadow, Light Shadow  
Pro&Dots, Eclectic, Circle of Light,  
LED Curtain.

# GUSTAVE

DESIGNED VINCENT VAN DUYSSEN

## GUSTAVE HOSPITALITY



### LIGHT SOURCE

TOP LED  
2,3W  
221 lm  
2700K/CRI 90  
235 lm  
3000K/CRI 90

## GUSTAVE RESIDENTIAL



### LIGHT SOURCE

TOP LED  
2,5W  
221 lm  
2700K/CRI 90  
235 lm  
3000K/CRI 90

DY Matt White

DR Matt Anthracite

MR Laquered Brown

GX Laquered Green



05 Polished Silver

SB Smooth Black

VL Raw Aluminum



**Descrizione**

Gustave è una lampada portatile, con alimentatore autonomo, pensata specificamente per l'illuminazione da tavolo e altri usi analoghi come luce ausiliare. Grazie alle sue piccole dimensioni, Gustave è la sintesi perfetta tra la tecnologia ottico-luminosa più innovativa e una ingegneria eccezionale, sviluppata per rispondere al proposito discrezionale di Flos per questo progetto: creare la prima lampada portatile del mercato con coscienza di disegno circolare, ecologica e sinceramente pensata contro l'obsolescenza.

**Sistema ottico**

Gustave è la prima lampada che incorpora un sistema di lenti con emissione asimmetrica, esclusive e brevettate da Flos, disposte a rotazione coprendo un raggio di 360° attorno alla lampada. Questa innovazione pionieristica permette di estendere il campo d'illuminazione rispetto al punto centrale della fonte luminosa. L'ampiezza e intensità della distribuzione luminosa è stata pensata per ottimizzare la luce ottenuta nelle applicazioni archetipiche a tavoli da 2 a 4 commensali. In questo modo, Gustave migliora al massimo la relazione tra la superficie occupata e l'area illuminata dalla lampada.

**Alimentatore: batterie**

Le batterie di Gustave sono delle celle agli ioni di litio tipo 'pila', sostituibili e ricaricabili (sia mediante un cavo USB —versione residenziale— sia con un caricabatterie esterno —versione hospitality). È un formato di pila standardizzato e facile da acquisire nei negozi al dettaglio di elettronica. L'idea è quella di aggiornare le batterie delle classiche torce elettriche per rompere la relazione tra vita utile della batteria e l'obsolescenza della lampada. Quando il ciclo della batteria arriva al suo termine, si sostituisce la batteria e Gustave funziona come fosse nuova.

Inoltre, con la versione hospitality per professionisti la funzionalità migliora notevolmente grazie alla filosofia della batteria. A differenza di altre lampade, quando Gustave si spegne, riprende a funzionare all'istante: si devono sostituire le batterie scariche con quelle caricate e la lampada è di nuovo operativa. E se questo non bastasse, Gustave evita a hotel e ristoranti la spesa di dover moltiplicare la unità necessarie per mantenere la luce accesa durante l'orario di servizio. Per una determinata zona, sarà sufficiente una Gustave e un kit di batterie e di caricabatterie per alimentarla durante l'orario di attenzione al pubblico.

**Autonomia: gestione e funzionalità**

Quando la carica di Gustave arriva al 20%, l'indicatore LED (situato nella parte inferiore della testa del prodotto) diventa rosso. Quando arriva al 10%, l'intensità massima si riduce da sola al 25%. Quando arriva allo 0%, la lampada si spegne automaticamente. Nella versione hospitality, l'autonomia del prodotto è di 12 ore al 100%, di 24 ore al 50% e di 48 ore al 25%. Il tempo della ricarica dipenderà dal caricabatteria esterno e dalle sue caratteristiche. Nella versione residential, l'autonomia del prodotto è di 6 ore al 100%, di 10 ore al 50% e di 18 ore al 25%. Il tempo di ricarica è di circa 5-6 ore. Durante la ricarica, l'indicatore LED sarà di colore giallo, diventerà verde a carica completata. Si raccomanda di caricare le batterie quando la lampada è spenta.

**Sistema di controllo**

Gustave si accende, si spegne e si regola con un sensore capacitativo situato sulla base della testa della lampada. Nella versione residential, la regolazione della luminosità è sequenziale, da 0 al 100% e viceversa. Memorizza l'ultima posizione e lampeggia quando la luce raggiunge l'intensità massima o minima. Nella versione hospitality, per garantire un'illuminazione uniforme di uno spazio con varie lampade Gustave, l'intensità si regola in base a tre variazioni (25%, 50% e 100%).

**Accessori e ricambi**

Tra gli accessori, la versione hospitality di Gustave comprende un caricabatterie esterno e la versione residential un adattatore per il cable di ricarica USB. Entrambe le versioni comprendono le batterie ione-litio tra gli accessori e/o i ricambi. La versione residential include già le batterie. La versione hospitality si vende senza batterie, per cui è necessario comprarle separatamente. In caso di comprare le batterie ione-litio da un distributore diverso da Flos, ci si deve assicurare che le batterie rispettino i requisiti dimensionali, elettrici e di altro tipo indicati nelle istruzioni del prodotto.

**Informazioni Aggiuntive**

Indice di protezione IP54.

**Adempimento della Normativa e Marchio di Qualità**

Apparecchi conformi alla Norma Europea EN60598-1 e parte seconda.

**Description**

Gustave is a portable, self-powered luminaire, specially designed for tabletop lighting applications and other related uses as supplementary lighting. Gustave's compact size encloses a perfect mix of the most innovative optical and light technology and a disruptive engineering, developed in the service of a discretionary purpose of Flos for this project: to create the first portable luminaire on the market with circular design awareness, ecological and honestly conceived against obsolescence.

**Optical System**

Gustave is the first luminaire to incorporate a system of exclusive, patented by Flos, asymmetrical emission lenses, arranged in revolution and spanning 360° around the position of the lamp. This pioneering innovation makes it possible to achieve a large illuminated surface in relation to the central point of the light source. The expanse and intensity of the light distribution has been designed to optimize the light obtained in archetypal applications for tables hosting 2 to 4 guests. Thus, with Gustave, the ratio between the surface occupied by the lamp and the area illuminated by it is improved to the maximum.

**Power Supply: Batteries**

Gustave uses lithium-ion cell batteries that are replaceable and rechargeable, either via a USB cable for the Residential version, or externally by using dedicated chargers for the Hospitality version. This battery format is standard and easy to purchase from retail distributors of such products. This concept, a sort of upgrade of the classic flashlight batteries, puts an end to the link between battery life and lamp obsolescence. When the batteries reach the end of their cycle, they are simply replaced with new ones and Gustave continues to function as on the first day.

In addition, in the Hospitality version for professionals, a remarkable functional improvement is achieved thanks to its battery philosophy. Unlike its alternatives, when Gustave runs out of power, it can quickly continue to operate: just easily replace the batteries with charged ones and it will be operational again. On top of that, Gustave allows hotels and restaurants to avoid the cost of multiplying the units needed to have lighting throughout the service hours. Just having one Gustave per desired spot and the relevant sets of batteries and chargers to provide them with power during opening hours will be enough.

**Autonomy: Management and Functionality**

When Gustave's charge drops below 20%, its red LED indicator (located at the bottom of the product head) lights. When it drops below 10%, in addition to the red indicator, the lamp is forced to dim the maximum intensity to 25%. When it reaches 0%, the luminaire automatically switches off. In the Hospitality version, the autonomy of the product is 12h at 100%, 24h at 50% and 48h at 25%. Charging time will depend on the external charger model and its characteristics. In the Residential version, the product autonomy is 6h at 100%, 10h at 50% and 18h at 25%. Approximate charging time is 5 to 6 hours. During charging, the LED indicator will remain yellow. When it reaches full charge, it changes to green. It is recommended to charge the product while it is turned off.

**Control System**

Gustave is switched on, off and dimmed via a capacitive button located at the base of the luminaire head. In the Residential version, product dimming is sequential from 0-100% and vice versa. It has last position memory and an indicator that flashes when the maximum or minimum intensity is reached. To facilitate uniformity between the Gustave Hospitality version units sharing a space, the light level is dimmed in 3 steps (25%, 50%, 100%).

**Accessories and Spare Parts**

As accessories, Gustave offers an external battery charger in the Hospitality version and a power adapter for the USB charging cable in the Residential version. Lithium-ion batteries are also offered as accessories and/or spare parts for both versions. The Residential version is sold with batteries included. The Hospitality version is sold without batteries and these must be purchased separately. If the lithium-ion batteries are purchased from a non-Flos distributor, it is important to ensure that they meet the dimensional, electrical and other requirements stated in the product instructions.

**Additional Information**

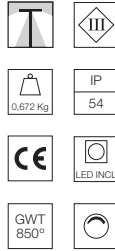
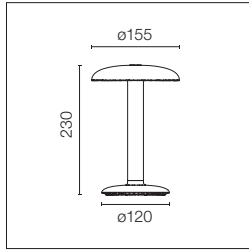
IP54 protection rating.

**Standard Compliance and Quality Marks**

The luminaire complies with the EN60598-1 European Technical Standards and any subsequent additions.

## Gustave Hospitality

**Light Source:** Top LED DC 60 mA - 2,3W - 221 lm - 2700K/CRI 90 / 2,3W - 235 lm - 3000K/CRI 90

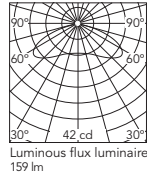


Lampada portatile a batteria autonoma, pensata per hospitality (hotel, ristoranti, eccetera). Alimentazione a batteria 'Button Type 18650 Li-Ion' (3 unità, non comprese). Caricabatterie esterno, non compreso. Regolazione a 3 variazioni (25%, 50%, 100%), mediante un pulsante tattile capacitativo.

Portable luminaire with autonomous battery, designed for hospitality (hotels, restaurants...). Powered by 'Button Type 18650 Li-Ion' batteries (3 units, not included). External battery charger, not included. 3-Step dimming (25%, 50%, 100%) by means of capacitive haptic push button.

### 2700K

- 09.8400.DY
- 09.8400.DR
- 09.8400.MR
- 09.8400.GX
- 09.8400.O5
- 09.8400.SB
- 09.8400.VL

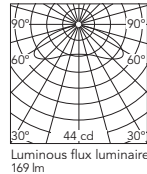


Beam Angle: 145°

h(m)	E(lx)	D(m)
1	22	6.28
2	6	12.56
3	2	18.84
4	1	25.11
5	1	31.39

### 3000K

- 09.8401.DY
- 09.8401.DR
- 09.8401.MR
- 09.8401.GX
- 09.8401.O5
- 09.8401.SB
- 09.8401.VL

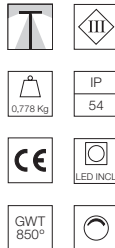
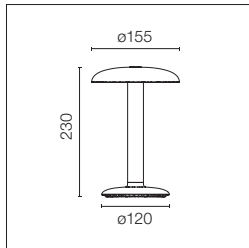


Beam Angle: 145°

h(m)	E(lx)	D(m)
1	24	6.28
2	6	12.56
3	3	18.84
4	1	25.11
5	1	31.39

## Gustave Residential

**Light Source:** Top Array DC 60 mA - 2,5W - 221 lm - 2700K/CRI 90 / 2,5W - 235 lm - 3000K/CRI 90

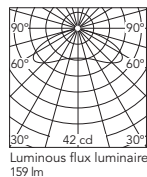


Lampada portatile a batteria autonoma, pensata per residential. Alimentazione a batteria 'Button Type 18650 Li-Ion' (2 unità, comprese con il prodotto). Cavo per la ricarica tipo USB (adattatore per la presa, non compreso). Regolazione sequenziale 0-100%, mediante un pulsante tattile capacitativo.

Portable luminaire with autonomous battery, designed for residential applications. Powered by 'Button Type 18650 Li-Ion' batteries (2 units, included inside the product). USB-C charging cable (plug adapter not included). 0-100% sequential regulation by means of capacitive haptic push button.

### 2700K

- 09.8405.DY
- 09.8405.DR
- 09.8405.MR
- 09.8405.GX
- 09.8405.O5
- 09.8405.SB
- 09.8405.VL

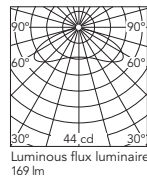


Beam Angle: 145°

h(m)	E(lx)	D(m)
1	22	6.28
2	6	12.56
3	2	18.84
4	1	25.11
5	1	31.39

### 3000K

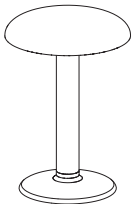
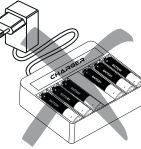



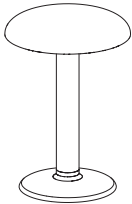




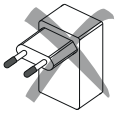
- 09.8406.DY
- 09.8406.DR
- 09.8406.MR
- 09.8406.GX
- 09.8406.O5
- 09.8406.SB
- 09.8406.VL



Beam Angle: 145°

h(m)	E(lx)	D(m)
1	24	6.28
2	6	12.56
3	3	18.84
4	1	25.11
5	1	31.39

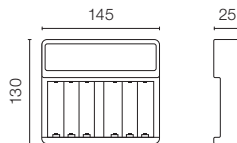
# HOW TO ORDER GUSTAVE

<b>Gustave Hospitality</b>	<b>Accessories</b>	
	<p>Battery Charger (Not included)</p> 	<p>Battery Pack (Not included)</p>  <p>Button Type </p> <p>Flat Type </p>
<b>Gustave Residential</b>	<b>Accessories &amp; Spare parts</b>	
	<p>Battery Pack (Included)</p> 	<p>Cable for Gustave Residential (Included)</p>  <p>White Cable  Black Cable </p>
		<p>Adapter 5V. Min 2A (Not included)</p> 

## Accessori (Hospitality) / Accessories (Hospitality)

Caricabatterie per batterie al litio.  
6 baie di carica

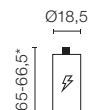
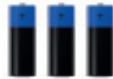
Lithium battery charger.  
6 Charging Bays



**Hospitality**  
EUR 60.9848  
UK 08.0958.00  
US 60.9952

Pacchetto pile - Button Type  
ICR18650 Li-Ion. 2600 mAh  
by HWE

Battery pack - Button Type  
ICR18650 Li-Ion. 2600 mAh  
by HWE

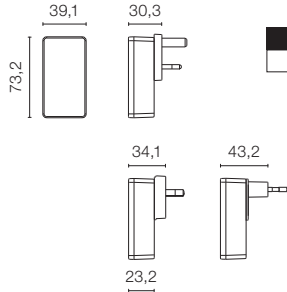


**Hospitality**  
Pack x3 08.0745.00  
Pack x6 08.0746.00  
Pack x12 08.0747.00  
Pack x24 08.0748.00

## Accessori (Residential) / Accessories (Residential)

Adattatore 5V. Min 2A.  
EUR / USA / UK

Adapter 5V. Min 2A.  
EUR / USA / UK

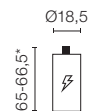


**Residential**  
RF27576  
RF25965

## Ricambi (Residential) / Spare parts (Residential)

Pacchetto pile - Button Type  
ICR18650 Li-Ion. 2600 mAh  
by HWE

Battery pack - Button Type  
ICR18650 Li-Ion. 2600 mAh  
by HWE



**Residential**  
Pack x2 08.0744.00

Cavo per Gustave Residential  
USB-A/USB-C. - L= 1,2m.

Cable for Gustave Residential  
USB-A/USB-C. - L= 1,2m.



**Residential**  
08.0761.14  
08.0761.30

\* Intervallo dimensionale rigoroso / Strict dimensional range.

NEW

EMI

DESIGNED BY ERWAN BOURULLEC





### Descrizione

Emi, progettata da Erwan Bouroullec, combina diverse fonti di luce ad alto comfort visivo per creare un'esperienza unica di luci e ombre. Questo intrigante contrasto si ottiene attraverso l'unione di un corpo, opaco e monolitico, con gruppi ottici ad alto flusso luminoso e con una sorgente invisibile.

Il design di questa collezione nasce dal raggruppamento di tre moduli luminosi all'interno di estrusioni lineari e compatte che conferiscono alla lampada la forma triangolare che si riflette in tutto il suo design. La sezione principale, il palo e gli stativi condividono questa forma, creando una struttura coerente ed esteticamente equilibrata.

Emi è realizzata principalmente con metalli: la base della lampada è in acciaio stampato, mentre l'asta e il corpo principale sono in alluminio. La sezione superiore e quella inferiore sono realizzate con polimeri. Sono stati compiuti notevoli sforzi per ridurre al minimo le superfici e gli spessori in tutta la collezione, allo scopo di ottimizzare l'uso dei materiali.

La collezione Emi è disponibile in tre versioni: a soffitto, da terra e da tavolo. Questa varietà permette di adattare la luce di Emi sia agli spazi domestici che a quelli di *hospitality*.

L'uso ripetuto di un linguaggio simile in tutti i modelli permette di posizionare molteplici corpi luminosi dal linguaggio comune, che possono essere disposti nello spazio attraverso l'iterazione, l'allineamento e la simmetria. Questo rende Emi un nuovo tipo di illuminazione architettonica che può essere utilizzata in modo seriale, fornendo un design uniforme che si integra perfettamente nell'architettura circostante.

### Modelli e sistema ottico

La versione a soffitto di Emi è disponibile in due dimensioni, più sottile o più ampia, e in diverse lunghezze. Presenta una struttura lineare costituita da un tubo verticale che genera un fascio di luce diretto. Ciò che la rende particolare è la sua modularità: può essere utilizzata singolarmente o combinando elementi diversi, creando così combinazioni di luce sempre diverse e scenografiche, pur mantenendo la sua elegante semplicità.

La versione da terra di Emi sembra fluttuare nell'aria, alleggerita da uno stelo che la collega alla base, mantenendo l'identità triangolare che caratterizza la versione a soffitto. L'illuminazione di questo modello è bidirezionale: nella parte superiore, la luce è abbastanza potente da illuminare l'intero spazio senza abbagliare, grazie alla particolare conformazione del fascio luminoso. Nella parte inferiore, la luce è morbida e diffusa, perfetta da abbinare ad altre fonti luminose come un televisore.

La versione da tavolo di Emi funziona in modo simile a quella da terra, ma con dimensioni ridotte, adattandosi perfettamente e in modo discreto a qualsiasi superficie orizzontale.

### Sistemi di controllo

I modelli Ceiling sono disponibili con opzioni di regolazione *Non Dimming*, *DALI*, *1-10V* e *Mains Dimming*. Le versioni *Floor* e *Table*, invece, si possono regolare con sensori capacitivi *Touch Dimming* posizionati nella parte superiore dello stelo centrale.

### Informazioni aggiuntive

La tecnologia avanzata di Emi si sposa perfettamente con un design sostenibile. Il corpo della lampada è principalmente realizzato in alluminio (parzialmente riciclato e completamente riciclabile), garantendo un impatto ambientale ridotto.

La durabilità è un altro elemento chiave del design di Emi. Il prodotto è progettato per durare nel tempo con l'obiettivo di evitare gli sprechi e una rapida obsolescenza. Ogni unità ottica può essere sostituita singolarmente per agevolare la manutenzione, mentre l'assenza di colle e saldature semplifica lo smontaggio e il corretto smaltimento delle singole parti alla fine della vita utile del prodotto. Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

### Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

### Description

Emi, designed by Erwan Bouroullec, combines different light sources with a high level of visual comfort to create a unique experience of light and shadow. This intriguing contrast is created by combining a matt, monolithic body with lens units featuring a high luminous flux and with an invisible source.

The design of this collection comes from grouping together three light modules inside compact, linear extrusions that give the lamp a triangular shape which is reflected all throughout its design. The main section, the pole and the stands share this shape, creating a cohesive and aesthetically balanced structure.

Emi is mainly made from metal: the base of the lamp is pressed steel, while the pole and main body are aluminium. The upper and lower sections are made with polymers. Considerable effort has been made to minimise the surfaces and thicknesses all throughout the collection in order to optimise the use of materials.

The Emi collection is available in three versions: ceiling, floor and table. This variety helps adapt the light of Emi to spaces both at home and in hospitality.

The repeated use of a similar style in all the models lets you position multiple luminaires with the same style, which can be arranged in a space through repetition, alignment and symmetry. This makes Emi a new type of architectural light that can be used as a series, providing a uniform design that fits in perfectly with the surrounding architecture.

### Lens system and models

The ceiling version of Emi is available in two sizes, one thinner and one wider, and in different lengths. It has a linear structure formed of a vertical tube that generates a direct beam of light. What makes it special is its modular options: it can be used individually or by combining different elements, therefore creating ever different and spectacular combinations of light, while maintaining its elegant simplicity.

The floor version of EMI seems to float on air, made lighter by a rod that connects it to the base, while maintaining the triangular identity that characterises the ceiling version. This model has two-way lighting: in the upper part, the light is powerful enough to light up a whole space without any glare, thanks to the special shape of the beam of light. In the lower part, the light is soft and diffused, which is perfect for combining with other sources of light such as a television.

The table version of Emi works in a similar way to the floor version, but it is a smaller size, adapting perfectly and discreetly to any horizontal surface.

### Control Systems

The Ceiling models are available with the following setting options *Non Dimming*, *DALI*, *1-10V* and *Mains Dimming*. While the *Floor* and *Table* versions can be adjusted with *Touch Dimming* capacitive sensors in the top part of the central rod.

### Additional Information

The advanced technology of Emi goes perfectly with its sustainable design. The lamp's body is mainly made from aluminium (partially recycled and completely recycled), guaranteeing a lower environmental impact.

Durability is another key part of Emi's design. The product is designed to stand the test of time with the goal of avoiding waste and rapid obsolescence. Every lens unit can be replaced individually to make maintenance easier, while the absence of glues and welding simplifies the disassembly and correct disposal of individual parts at the useful end of the product's life.

*Mains Dimming* Products – Please read *Mains Dimming* disclaimer in drivers chapter.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

### Compliance of Standards and Quality Marks

Luminaire conforms to European Technical Standard EN60598-1 and secondary parts.

# EMI

DESIGNED BY ERWAN BOUROULLEC



EMI CEILING  
LARGE  
H240



EMI CEILING  
LARGE  
H340



EMI CEILING  
LARGE  
H540



**LIGHT SOURCE**  
LED ARRAY  
28W  
2289 lm  
2700K/CRI 90  
2303 lm  
3000K/CRI 90

EMI CEILING  
SMALL  
H240



EMI CEILING  
SMALL  
H340



EMI CEILING  
SMALL  
H540



**LIGHT SOURCE**  
POWER LED  
11W  
751 lm  
2700K/CRI 90  
772 lm  
3000K/CRI 90

**LIGHT SOURCE**  
POWER LED  
Mains Dimming  
8,5W  
607 lm  
2700K/CRI 90  
631 lm  
3000K/CRI 90

# EMI

DESIGNED BY ERWAN BOUROLLEC

EMI  
FLOOR



COMING SOON

EMI  
TABLE



COMING SOON

**Emi Ceiling**

OW Off White



OW.XX All Off White



RY Deep Red



GY Deep Green



ZY Deep Blue



**Emi Table**

OW Off White



OW.XX All Off White



RY Deep Red



GY Deep Green



ZY Deep Blue



**Emi Floor**

OW Off White



OW.XX All Off White



RY Deep Red



GY Deep Green

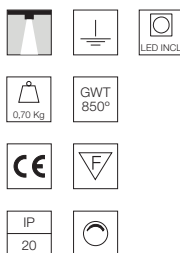
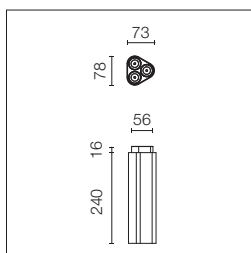


ZY Deep Blue



Emi Ceiling Small H240

Light Source: Power LED 900 mA - 11W - 751 lm - 2700K/CRI 90 / 772 lm - 3000K/CRI 90  
 Power LED Mains Dimming 700 mA - 8,5W - 607 lm - 2700K/CRI 90 / 631 lm - 3000K/CRI 90



Apparecchio a basso abbagliamento per installazione su superficie. Fonte di alimentazione da 220-240 V integrata. Ricambi del modulo ottico (lenti) disponibili, consultare gli accessori. Le diverse opzioni di lenti accessorie (secondo l'angolo del fascio) sono intercambiabili.

Anti-glare appliance for installation on surfaces. Built-in 220-240 V power supply. Spare parts for the optical module (lens) are available, please see the accessories. The various accessory lens options (depending on the beam angle) are interchangeable.

Optic Spot 2700K

Non Dimming

- 05.4300.OW
- 05.4300.OW.78
- 05.4300.RY
- 05.4300.GY
- 05.4300.ZY

DALI 2

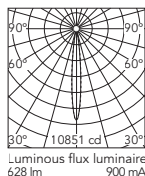
- 05.4300.OW.DA
- 05.4300.OW.YU
- 05.4300.RY.DA
- 05.4300.GY.DA
- 05.4300.ZY.DA

1-10V

- 05.4300.OW.1V
- 05.4300.OW.RX
- 05.4300.RY.1V
- 05.4300.GY.1V
- 05.4300.ZY.1V

Mains Dimming

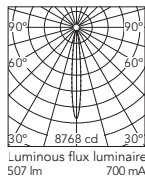
- 05.4300.OW.NI
- 05.4300.OW.CN
- 05.4300.RY.NI
- 05.4300.GY.NI
- 05.4300.ZY.NI



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	10851	0.20
2	2713	0.39
3	1206	0.59
4	678	0.78
5	434	0.98

Luminous flux luminaire 10851 cd 900 mA



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	8768	0.20
2	2192	0.39
3	974	0.59
4	548	0.78
5	351	0.98

Luminous flux luminaire 8768 cd 700 mA

Optic Medium 2700K

Non Dimming

- 05.4301.OW
- 05.4301.OW.78
- 05.4301.RY
- 05.4301.GY
- 05.4301.ZY

DALI 2

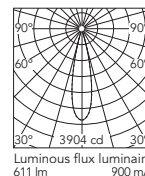
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- 05.4301.OW.YU
- 05.4301.RY.DA
- 05.4301.GY.DA
- 05.4301.ZY.DA

1-10V

- 05.4301.OW.1V
- 05.4301.OW.RX
- 05.4301.RY.1V
- 05.4301.GY.1V
- 05.4301.ZY.1V

Mains Dimming

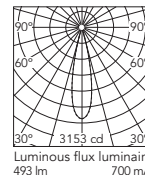
- 05.4301.OW.NI
- 05.4301.OW.CN
- 05.4301.RY.NI
- 05.4301.GY.NI
- 05.4301.ZY.NI



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	3904	0.40
2	976	0.81
3	434	1.21
4	244	1.62
5	156	2.02

Luminous flux luminaire 3904 cd 900 mA



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	3153	0.40
2	788	0.81
3	350	1.21
4	197	1.62
5	126	2.02

Luminous flux luminaire 3153 cd 700 mA

3000K

Non Dimming

- 05.4305.OW
- 05.4305.OW.78
- 05.4305.RY
- 05.4305.GY
- 05.4305.ZY

DALI 2

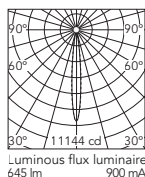
- 05.4305.OW.DA
- 05.4305.OW.YU
- 05.4305.RY.DA
- 05.4305.GY.DA
- 05.4305.ZY.DA

1-10V

- 05.4305.OW.1V
- 05.4305.OW.RX
- 05.4305.RY.1V
- 05.4305.GY.1V
- 05.4305.ZY.1V

Mains Dimming

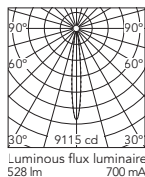
- 05.4305.OW.NI
- 05.4305.OW.CN
- 05.4305.RY.NI
- 05.4305.GY.NI
- 05.4305.ZY.NI



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	11144	0.20
2	2786	0.39
3	1238	0.59
4	697	0.78
5	446	0.98

Luminous flux luminaire 11144 cd 900 mA



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	9115	0.20
2	2279	0.39
3	1013	0.59
4	570	0.78
5	365	0.98

Luminous flux luminaire 9115 cd 700 mA

3000K

Non Dimming

- 05.4306.OW
- 05.4306.OW.78
- 05.4306.RY
- 05.4306.GY
- 05.4306.ZY

DALI 2

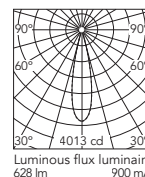
- 05.4306.OW.DA
- 05.4306.OW.YU
- 05.4306.RY.DA
- 05.4306.GY.DA
- 05.4306.ZY.DA

1-10V

- 05.4306.OW.1V
- 05.4306.OW.RX
- 05.4306.RY.1V
- 05.4306.GY.1V
- 05.4306.ZY.1V

Mains Dimming

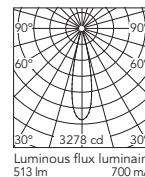
- 05.4306.OW.NI
- 05.4306.OW.CN
- 05.4306.RY.NI
- 05.4306.GY.NI
- 05.4306.ZY.NI



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	4013	0.40
2	1003	0.81
3	446	1.21
4	251	1.62
5	161	2.02

Luminous flux luminaire 4013 cd 900 mA



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	3278	0.40
2	820	0.81
3	364	1.21
4	205	1.62
5	131	2.02

Luminous flux luminaire 3278 cd 700 mA

**Optic Flood 2700K**

Non Dimming

- 05.4302.OW
- 05.4302.OW.78
- 05.4302.RY
- 05.4302.GY
- 05.4302.ZY

DALI 2

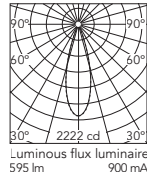
- 05.4302.OW.DA
- 05.4302.OW.YU
- 05.4302.RY.DA
- 05.4302.GY.DA
- 05.4302.ZY.DA

1-10V

- 05.4302.OW.1V
- 05.4302.OW.RX
- 05.4302.RY.1V
- 05.4302.GY.1V
- 05.4302.ZY.1V

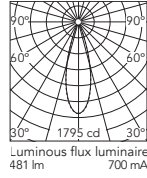
Mains Dimming

- 05.4302.OW.NI
- 05.4302.OW.CN
- 05.4302.RY.NI
- 05.4302.GY.NI
- 05.4302.ZY.NI



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	2223	0.54
2	556	1.07
3	247	1.61
4	139	2.14
5	89	2.68



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	1796	0.54
2	449	1.07
3	200	1.61
4	112	2.14
5	72	2.68

**Optic Wide Flood 2700K**

Non Dimming

- 05.4303.OW
- 05.4303.OW.78
- 05.4303.RY
- 05.4303.GY
- 05.4303.ZY

DALI 2

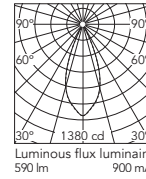
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- 05.4303.OW.YU
- 05.4303.RY.DA
- 05.4303.GY.DA
- 05.4303.ZY.DA

1-10V

- 05.4303.OW.1V
- 05.4303.OW.RX
- 05.4303.RY.1V
- 05.4303.GY.1V
- 05.4303.ZY.1V

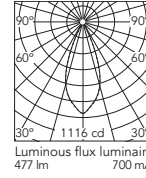
Mains Dimming

- 05.4303.OW.NI
- 05.4303.OW.CN
- 05.4303.RY.NI
- 05.4303.GY.NI
- 05.4303.ZY.NI



Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1380	0.75
2	345	1.49
3	153	2.24
4	86	2.98
5	55	3.73



Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1116	0.75
2	279	1.49
3	124	2.24
4	70	2.98
5	45	3.73

**3000K**

Non Dimming

- 05.4307.OW
- 05.4307.OW.78
- 05.4307.RY
- 05.4307.GY
- 05.4307.ZY

DALI 2

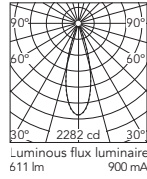
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- 05.4307.OW.YU
- 05.4307.RY.DA
- 05.4307.GY.DA
- 05.4307.ZY.DA

1-10V

- 05.4307.OW.1V
- 05.4307.OW.RX
- 05.4307.RY.1V
- 05.4307.GY.1V
- 05.4307.ZY.1V

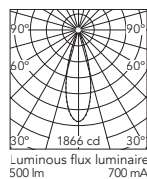
Mains Dimming

- 05.4307.OW.NI
- 05.4307.OW.CN
- 05.4307.RY.NI
- 05.4307.GY.NI
- 05.4307.ZY.NI



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	2282	0.54
2	571	1.07
3	254	1.61
4	143	2.14
5	91	2.68



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	1867	0.54
2	467	1.07
3	207	1.61
4	117	2.14
5	75	2.68

**3000K**

Non Dimming

- 05.4308.OW
- 05.4308.OW.78
- 05.4308.RY
- 05.4308.GY
- 05.4308.ZY

DALI 2

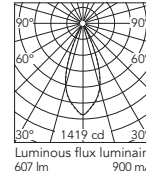
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- 05.4308.OW.YU
- 05.4308.RY.DA
- 05.4308.GY.DA
- 05.4308.ZY.DA

1-10V

- 05.4308.OW.1V
- 05.4308.OW.RX
- 05.4308.RY.1V
- 05.4308.GY.1V
- 05.4308.ZY.1V

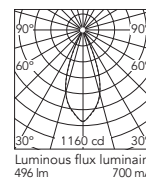
Mains Dimming

- 05.4308.OW.NI
- 05.4308.OW.CN
- 05.4308.RY.NI
- 05.4308.GY.NI
- 05.4308.ZY.NI



Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1419	0.75
2	355	1.49
3	158	2.24
4	89	2.98
5	57	3.73

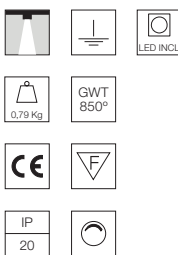
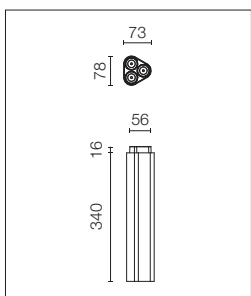


Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1160	0.75
2	290	1.49
3	129	2.24
4	72	2.98
5	46	3.73

Emi Ceiling Small H340

Light Source: Power LED 900 mA - 11W - 751 lm - 2700K/CRI 90 / 772 lm - 3000K/CRI 90  
 Power LED Mains Dimming 700 mA - 8,5W - 607 lm - 2700K/CRI 90 / 631 lm - 3000K/CRI 90



Apparecchio a basso abbagliamento per installazione su superficie. Fonte di alimentazione da 220-240 V integrata. Ricambi del modulo ottico (lenti) disponibili, consultare gli accessori. Le diverse opzioni di lenti accessorie (secondo l'angolo del fascio) sono intercambiabili.

Anti-glare appliance for installation on surfaces. Built-in 220-240 V power supply. Spare parts for the optical module (lens) are available, please see the accessories. The various accessory lens options (depending on the beam angle) are interchangeable.

Optic Spot 2700K

Non Dimming

- 05.4310.OW
- 05.4310.OW.78
- 05.4310.RY
- 05.4310.GY
- 05.4310.ZY

DALI 2

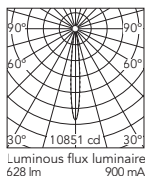
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- 05.4310.OW.YU
- 05.4310.RY.DA
- 05.4310.GY.DA
- 05.4310.ZY.DA

1-10V

- 05.4310.OW.1V
- 05.4310.OW.RX
- 05.4310.RY.1V
- 05.4310.GY.1V
- 05.4310.ZY.1V

Mains Dimming

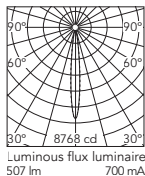
- 05.4310.OW.NI
- 05.4310.OW.CN
- 05.4310.RY.NI
- 05.4310.GY.NI
- 05.4310.ZY.NI



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	10851	0.20
2	2713	0.39
3	1206	0.59
4	678	0.78
5	434	0.98

Luminous flux luminaire 10851 cd 900 mA



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	8768	0.20
2	2192	0.39
3	974	0.59
4	548	0.78
5	351	0.98

Luminous flux luminaire 8768 cd 700 mA

Optic Medium 2700K

Non Dimming

- 05.4311.OW
- 05.4311.OW.78
- 05.4311.RY
- 05.4311.GY
- 05.4311.ZY

DALI 2

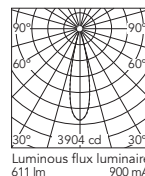
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- 05.4311.RY.DA
- 05.4311.GY.DA
- 05.4311.ZY.DA

1-10V

- 05.4311.OW.1V
- 05.4311.OW.RX
- 05.4311.RY.1V
- 05.4311.GY.1V
- 05.4311.ZY.1V

Mains Dimming

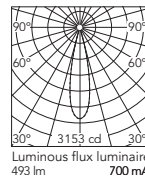
- 05.4311.OW.NI
- 05.4311.OW.CN
- 05.4311.RY.NI
- 05.4311.GY.NI
- 05.4311.ZY.NI



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	3904	0.40
2	976	0.81
3	434	1.21
4	244	1.62
5	156	2.02

Luminous flux luminaire 3904 cd 900 mA



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	3153	0.40
2	788	0.81
3	350	1.21
4	197	1.62
5	126	2.02

Luminous flux luminaire 3153 cd 700 mA

3000K

Non Dimming

- 05.4315.OW
- 05.4315.OW.78
- 05.4315.RY
- 05.4315.GY
- 05.4315.ZY

DALI 2

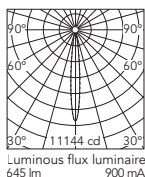
- 05.4315.OW.DA
- 05.4315.OW.YU
- 05.4315.RY.DA
- 05.4315.GY.DA
- 05.4315.ZY.DA

1-10V

- 05.4315.OW.1V
- 05.4315.OW.RX
- 05.4315.RY.1V
- 05.4315.GY.1V
- 05.4315.ZY.1V

Mains Dimming

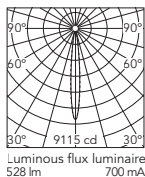
- 05.4315.OW.NI
- 05.4315.OW.CN
- 05.4315.RY.NI
- 05.4315.GY.NI
- 05.4315.ZY.NI



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	11144	0.20
2	2786	0.39
3	1238	0.59
4	697	0.78
5	446	0.98

Luminous flux luminaire 11144 cd 900 mA



Beam Angle: 11°

h(m)	E(lx)	D(m)
1	9115	0.20
2	2279	0.39
3	1013	0.59
4	570	0.78
5	365	0.98

Luminous flux luminaire 9115 cd 700 mA

3000K

Non Dimming

- 05.4316.OW
- 05.4316.OW.78
- 05.4316.RY
- 05.4316.GY
- 05.4316.ZY

DALI 2

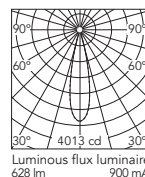
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- 05.4316.RY.DA
- 05.4316.GY.DA
- 05.4316.ZY.DA

1-10V

- 05.4316.OW.1V
- 05.4316.OW.RX
- 05.4316.RY.1V
- 05.4316.GY.1V
- 05.4316.ZY.1V

Mains Dimming

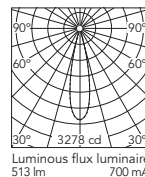
- 05.4316.OW.NI
- 05.4316.OW.CN
- 05.4316.RY.NI
- 05.4316.GY.NI
- 05.4316.ZY.NI



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	4013	0.40
2	1003	0.81
3	446	1.21
4	251	1.62
5	161	2.02

Luminous flux luminaire 4013 cd 900 mA



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	3278	0.40
2	820	0.81
3	364	1.21
4	205	1.62
5	131	2.02

Luminous flux luminaire 3278 cd 700 mA



**Optic Flood 2700K**

Non Dimming

- 05.4312.OW
- 05.4312.OW.78
- 05.4312.RY
- 05.4312.GY
- 05.4312.ZY

DALI 2

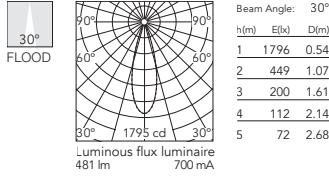
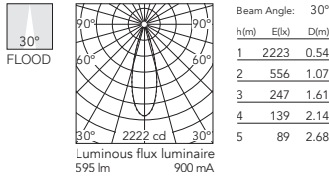
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- 05.4312.OW.YU
- 05.4312.RY.DA
- 05.4312.GY.DA
- 05.4312.ZY.DA

1-10V

- 05.4312.OW.1V
- 05.4312.OW.RX
- 05.4312.RY.1V
- 05.4312.GY.1V
- 05.4312.ZY.1V

Mains Dimming

- 05.4312.OW.NI
- 05.4312.OW.CN
- 05.4312.RY.NI
- 05.4312.GY.NI
- 05.4312.ZY.NI



**Optic Wide Flood 2700K**

Non Dimming

- 05.4313.OW
- 05.4313.OW.78
- 05.4313.RY
- 05.4313.GY
- 05.4313.ZY

DALI 2

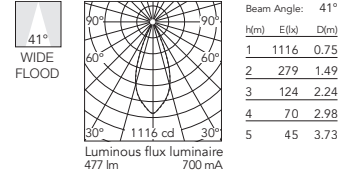
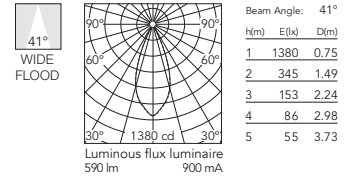
- 05.4313.OW.DA
- 05.4313.OW.YU
- 05.4313.RY.DA
- 05.4313.GY.DA
- 05.4313.ZY.DA

1-10V

- 05.4313.OW.1V
- 05.4313.OW.RX
- 05.4313.RY.1V
- 05.4313.GY.1V
- 05.4313.ZY.1V

Mains Dimming

- 05.4313.OW.NI
- 05.4313.OW.CN
- 05.4313.RY.NI
- 05.4313.GY.NI
- 05.4313.ZY.NI



**3000K**

Non Dimming

- 05.4317.OW
- 05.4317.OW.78
- 05.4317.RY
- 05.4317.GY
- 05.4317.ZY

DALI 2

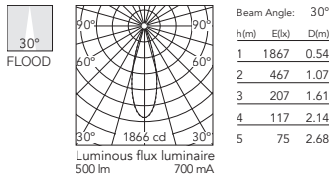
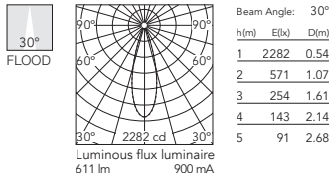
- 05.4317.OW.DA
- 05.4317.OW.YU
- 05.4317.RY.DA
- 05.4317.GY.DA
- 05.4317.ZY.DA

1-10V

- 05.4317.OW.1V
- 05.4317.OW.RX
- 05.4317.RY.1V
- 05.4317.GY.1V
- 05.4317.ZY.1V

Mains Dimming

- 05.4317.OW.NI
- 05.4317.OW.CN
- 05.4317.RY.NI
- 05.4317.GY.NI
- 05.4317.ZY.NI



**3000K**

Non Dimming

- 05.4318.OW
- 05.4318.OW.78
- 05.4318.RY
- 05.4318.GY
- 05.4318.ZY

DALI 2

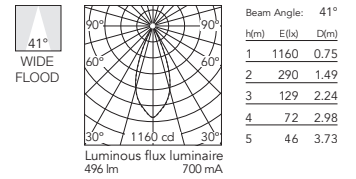
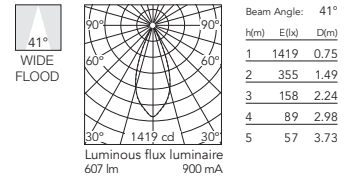
- 05.4318.OW.DA
- 05.4318.OW.YU
- 05.4318.RY.DA
- 05.4318.GY.DA
- 05.4318.ZY.DA

1-10V

- 05.4318.OW.1V
- 05.4318.OW.RX
- 05.4318.RY.1V
- 05.4318.GY.1V
- 05.4318.ZY.1V

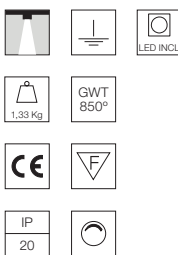
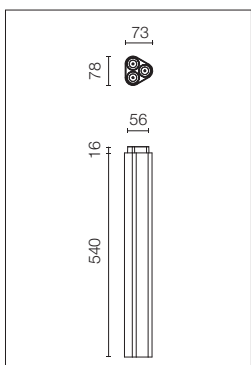
Mains Dimming

- 05.4318.OW.NI
- 05.4318.OW.CN
- 05.4318.RY.NI
- 05.4318.GY.NI
- 05.4318.ZY.NI



Emi Ceiling Small H540

Light Source: Power LED 900 mA - 11W - 751 lm - 2700K/CRI 90 / 772 lm - 3000K/CRI 90  
 Power LED Mains Dimming 700 mA - 8,5W - 607 lm - 2700K/CRI 90 / 631 lm - 3000K/CRI 90



Apparecchio a basso abbagliamento per installazione su superficie. Fonte di alimentazione da 220-240 V integrata. Ricambi del modulo ottico (lenti) disponibili, consultare gli accessori. Le diverse opzioni di lenti accessorie (secondo l'angolo del fascio) sono intercambiabili.

Anti-glare appliance for installation on surfaces. Built-in 220-240 V power supply. Spare parts for the optical module (lens) are available, please see the accessories. The various accessory lens options (depending on the beam angle) are interchangeable.

Optic Spot 2700K

Non Dimming

- 05.4320.OW
- 05.4320.OW.78
- 05.4320.RY
- 05.4320.GY
- 05.4320.ZY

DALI 2

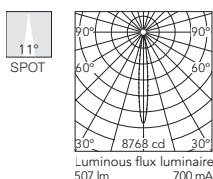
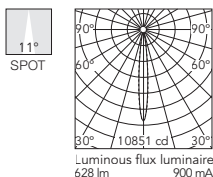
- 05.4320.OW.DA
- 05.4320.OW.YU
- 05.4320.RY.DA
- 05.4320.GY.DA
- 05.4320.ZY.DA

1-10V

- 05.4320.OW.1V
- 05.4320.OW.RX
- 05.4320.RY.1V
- 05.4320.GY.1V
- 05.4320.ZY.1V

Mains Dimming

- 05.4320.OW.NI
- 05.4320.OW.CN
- 05.4320.RY.NI
- 05.4320.GY.NI
- 05.4320.ZY.NI



Optic Medium 2700K

Non Dimming

- 05.4321.OW
- 05.4321.OW.78
- 05.4321.RY
- 05.4321.GY
- 05.4321.ZY

DALI 2

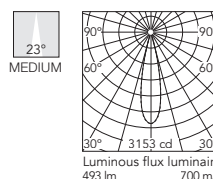
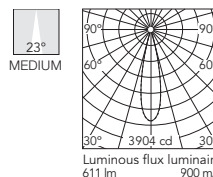
- 05.4321.OW.DA
- 05.4321.OW.YU
- 05.4321.RY.DA
- 05.4321.GY.DA
- 05.4321.ZY.DA

1-10V

- 05.4321.OW.1V
- 05.4321.OW.RX
- 05.4321.RY.1V
- 05.4321.GY.1V
- 05.4321.ZY.1V

Mains Dimming

- 05.4321.OW.NI
- 05.4321.OW.CN
- 05.4321.RY.NI
- 05.4321.GY.NI
- 05.4321.ZY.NI



3000K

Non Dimming

- 05.4325.OW
- 05.4325.OW.78
- 05.4325.RY
- 05.4325.GY
- 05.4325.ZY

DALI 2

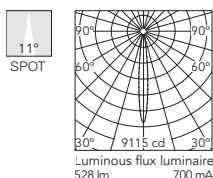
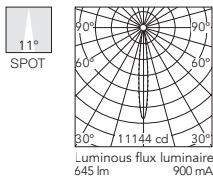
- 05.4325.OW.DA
- 05.4325.OW.YU
- 05.4325.RY.DA
- 05.4325.GY.DA
- 05.4325.ZY.DA

1-10V

- 05.4325.OW.1V
- 05.4325.OW.RX
- 05.4325.RY.1V
- 05.4325.GY.1V
- 05.4325.ZY.1V

Mains Dimming

- 05.4325.OW.NI
- 05.4325.OW.CN
- 05.4325.RY.NI
- 05.4325.GY.NI
- 05.4325.ZY.NI



3000K

Non Dimming

- 05.4326.OW
- 05.4326.OW.78
- 05.4326.RY
- 05.4326.GY
- 05.4326.ZY

DALI 2

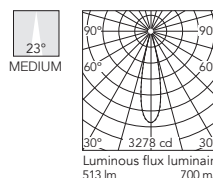
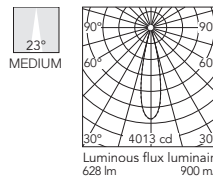
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- 05.4326.RY.DA
- 05.4326.GY.DA
- 05.4326.ZY.DA

1-10V

- 05.4326.OW.1V
- 05.4326.OW.RX
- 05.4326.RY.1V
- 05.4326.GY.1V
- 05.4326.ZY.1V

Mains Dimming

- 05.4326.OW.NI
- 05.4326.OW.CN
- 05.4326.RY.NI
- 05.4326.GY.NI
- 05.4326.ZY.NI



**Optic Flood 2700K**

Non Dimming

- 05.4322.OW
- 05.4322.OW.78
- 05.4322.RY
- 05.4322.GY
- 05.4322.ZY

DALI 2

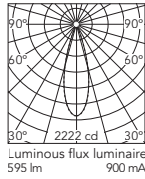
- 05.4322.OW.DA
- 05.4322.OW.YU
- 05.4322.RY.DA
- 05.4322.GY.DA
- 05.4322.ZY.DA

1-10V

- 05.4322.OW.1V
- 05.4322.OW.RX
- 05.4322.RY.1V
- 05.4322.GY.1V
- 05.4322.ZY.1V

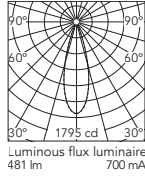
Mains Dimming

- 05.4322.OW.NI
- 05.4322.OW.CN
- 05.4322.RY.NI
- 05.4322.GY.NI
- 05.4322.ZY.NI



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	2223	0.54
2	556	1.07
3	247	1.61
4	139	2.14
5	89	2.68



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	1796	0.54
2	449	1.07
3	200	1.61
4	112	2.14
5	72	2.68

**Optic Wide Flood 2700K**

Non Dimming

- 05.4323.OW
- 05.4323.OW.78
- 05.4323.RY
- 05.4323.GY
- 05.4323.ZY

DALI 2

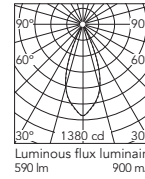
- 05.4323.OW.DA
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- 05.4323.RY.DA
- 05.4323.GY.DA
- 05.4323.ZY.DA

1-10V

- 05.4323.OW.1V
- 05.4323.OW.RX
- 05.4323.RY.1V
- 05.4323.GY.1V
- 05.4323.ZY.1V

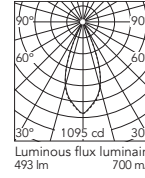
Mains Dimming

- 05.4323.OW.NI
- 05.4323.OW.CN
- 05.4323.RY.NI
- 05.4323.GY.NI
- 05.4323.ZY.NI



Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1380	0.75
2	345	1.49
3	153	2.24
4	86	2.98
5	55	3.73



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1095	0.76
2	274	1.52
3	122	2.28
4	68	3.04
5	44	3.80

**3000K**

Non Dimming

- 05.4327.OW
- 05.4327.OW.78
- 05.4327.RY
- 05.4327.GY
- 05.4327.ZY

DALI 2

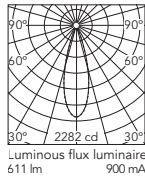
- 05.4327.OW.DA
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- 05.4327.RY.DA
- 05.4327.GY.DA
- 05.4327.ZY.DA

1-10V

- 05.4327.OW.1V
- 05.4327.OW.RX
- 05.4327.RY.1V
- 05.4327.GY.1V
- 05.4327.ZY.1V

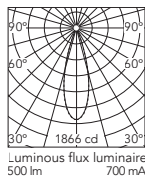
Mains Dimming

- 05.4327.OW.NI
- 05.4327.OW.CN
- 05.4327.RY.NI
- 05.4327.GY.NI
- 05.4327.ZY.NI



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	2282	0.54
2	571	1.07
3	254	1.61
4	143	2.14
5	91	2.68



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	1867	0.54
2	467	1.07
3	207	1.61
4	117	2.14
5	75	2.68

**3000K**

Non Dimming

- 05.4328.OW
- 05.4328.OW.78
- 05.4328.RY
- 05.4328.GY
- 05.4328.ZY

DALI 2

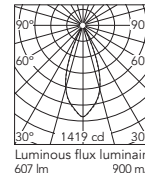
- 05.4328.OW.DA
- 05.4328.OW.YU
- 05.4328.RY.DA
- 05.4328.GY.DA
- 05.4328.ZY.DA

1-10V

- 05.4328.OW.1V
- 05.4328.OW.RX
- 05.4328.RY.1V
- 05.4328.GY.1V
- 05.4328.ZY.1V

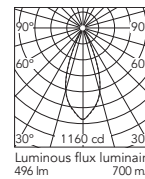
Mains Dimming

- 05.4328.OW.NI
- 05.4328.OW.CN
- 05.4328.RY.NI
- 05.4328.GY.NI
- 05.4328.ZY.NI



Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1419	0.75
2	355	1.49
3	158	2.24
4	89	2.98
5	57	3.73

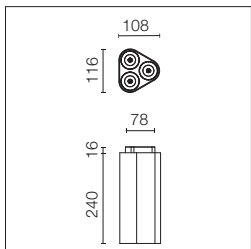


Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1160	0.75
2	290	1.49
3	129	2.24
4	72	2.98
5	46	3.73

Emi Ceiling Large H240

Light Source: LED Array - 28W - 2289 lm - 2700K/CRI 90 / 2303 lm - 3000K/CRI 90



Apparecchio a basso abbagliamento per installazione su superficie. Fonte di alimentazione da 220-240 V integrata. Ricambi del modulo ottico (lenti) disponibili, consultare gli accessori. Le diverse opzioni di lenti accessorie (secondo l'angolo del fascio) sono intercambiabili.

Anti-glare appliance for installation on surfaces. Built-in 220-240 V power supply. Spare parts for the optical module (lens) are available, please see the accessories. The various accessory lens options (depending on the beam angle) are interchangeable.

Optic Spot 2700K

Non Dimming

- 05.4330.OW
- 05.4330.OW.78
- 05.4330.RY
- 05.4330.GY
- 05.4330.ZY

DALI 2

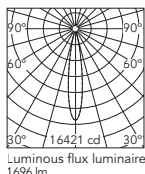
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- 05.4330.OW.YU
- 05.4330.RY.DA
- 05.4330.GY.DA
- 05.4330.ZY.DA

1-10V

- 05.4330.OW.1V
- 05.4330.OW.RX
- 05.4330.RY.1V
- 05.4330.GY.1V
- 05.4330.ZY.1V

Mains Dimming

- 05.4330.OW.NI
- 05.4330.OW.CN
- 05.4330.RY.NI
- 05.4330.GY.NI
- 05.4330.ZY.NI



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	16421	0.30
2	4105	0.60
3	1825	0.91
4	1026	1.21
5	657	1.51

Optic Medium 2700K

Non Dimming

- 05.4331.OW
- 05.4331.OW.78
- 05.4331.RY
- 05.4331.GY
- 05.4331.ZY

DALI 2

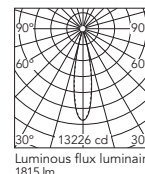
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- 05.4331.OW.YU
- 05.4331.RY.DA
- 05.4331.GY.DA
- 05.4331.ZY.DA

1-10V

- 05.4331.OW.1V
- 05.4331.OW.RX
- 05.4331.RY.1V
- 05.4331.GY.1V
- 05.4331.ZY.1V

Mains Dimming

- 05.4331.OW.NI
- 05.4331.OW.CN
- 05.4331.RY.NI
- 05.4331.GY.NI
- 05.4331.ZY.NI



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	13226	0.38
2	3307	0.76
3	1470	1.14
4	827	1.52
5	529	1.90

3000K

Non Dimming

- 05.4335.OW
- 05.4335.OW.78
- 05.4335.RY
- 05.4335.GY
- 05.4335.ZY

DALI 2

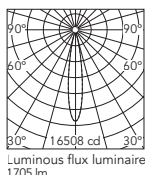
- 05.4335.OW.DA
- 05.4335.OW.YU
- 05.4335.RY.DA
- 05.4335.GY.DA
- 05.4335.ZY.DA

1-10V

- 05.4335.OW.1V
- 05.4335.OW.RX
- 05.4335.RY.1V
- 05.4335.GY.1V
- 05.4335.ZY.1V

Mains Dimming

- 05.4335.OW.NI
- 05.4335.OW.CN
- 05.4335.RY.NI
- 05.4335.GY.NI
- 05.4335.ZY.NI



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	16508	0.30
2	4127	0.60
3	1834	0.91
4	1032	1.21
5	660	1.51

3000K

Non Dimming

- 05.4336.OW
- 05.4336.OW.78
- 05.4336.RY
- 05.4336.GY
- 05.4336.ZY

DALI 2

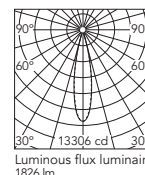
- 05.4336.OW.DA
- 05.4336.OW.YU
- 05.4336.RY.DA
- 05.4336.GY.DA
- 05.4336.ZY.DA

1-10V

- 05.4336.OW.1V
- 05.4336.OW.RX
- 05.4336.RY.1V
- 05.4336.GY.1V
- 05.4336.ZY.1V

Mains Dimming

- 05.4336.OW.NI
- 05.4336.OW.CN
- 05.4336.RY.NI
- 05.4336.GY.NI
- 05.4336.ZY.NI



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	13306	0.38
2	3327	0.76
3	1478	1.14
4	832	1.52
5	532	1.90

**Optic Flood  
2700K**

Non Dimming

- 05.4332.OW
- 05.4332.OW.78
- 05.4332.RY
- 05.4332.GY
- 05.4332.ZY

DALI 2

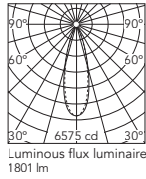
- 05.4332.OW.DA
- 05.4332.OW.YU
- 05.4332.RY.DA
- 05.4332.GY.DA
- 05.4332.ZY.DA

1-10V

- 05.4332.OW.1V
- 05.4332.OW.RX
- 05.4332.RY.1V
- 05.4332.GY.1V
- 05.4332.ZY.1V

Mains Dimming

- 05.4332.OW.NI
- 05.4332.OW.CN
- 05.4332.RY.NI
- 05.4332.GY.NI
- 05.4332.ZY.NI



Beam Angle: 30°

	h(m)	E(lx)	D(m)
1	6575	0.54	
2	1644	1.08	
3	731	1.62	
4	411	2.16	
5	263	2.70	

**3000K**

Non Dimming

- 05.4337.OW
- 05.4337.OW.78
- 05.4337.RY
- 05.4337.GY
- 05.4337.ZY

DALI 2

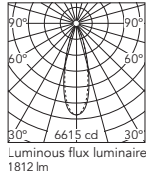
- 05.4337.OW.DA
- 05.4337.OW.YU
- 05.4337.RY.DA
- 05.4337.GY.DA
- 05.4337.ZY.DA

1-10V

- 05.4337.OW.1V
- 05.4337.OW.RX
- 05.4337.RY.1V
- 05.4337.GY.1V
- 05.4337.ZY.1V

Mains Dimming

- 05.4337.OW.NI
- 05.4337.OW.CN
- 05.4337.RY.NI
- 05.4337.GY.NI
- 05.4337.ZY.NI

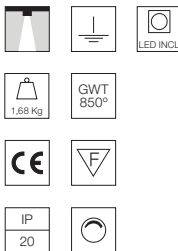
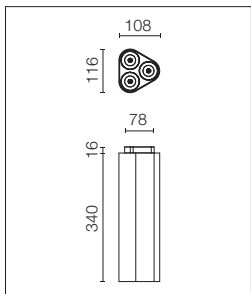


Beam Angle: 30°

	h(m)	E(lx)	D(m)
1	6615	0.54	
2	1654	1.08	
3	735	1.62	
4	413	2.16	
5	265	2.70	

Emi Ceiling Large H340

Light Source: LED Array - 28W - 2289 lm - 2700K/CRI 90 / 2303 lm - 3000K/CRI 90



Apparecchio a basso abbagliamento per installazione su superficie. Fonte di alimentazione da 220-240 V integrata. Ricambi del modulo ottico (lenti) disponibili, consultare gli accessori. Le diverse opzioni di lenti accessorie (secondo l'angolo del fascio) sono intercambiabili.

Anti-glare appliance for installation on surfaces. Built-in 220-240 V power supply. Spare parts for the optical module (lens) are available, please see the accessories. The various accessory lens options (depending on the beam angle) are interchangeable.

Optic Spot 2700K

Non Dimming

- 05.4340.OW
- 05.4340.OW.78
- 05.4340.RY
- 05.4340.GY
- 05.4340.ZY

DALI 2

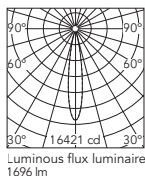
- 05.4340.OW.DA
- 05.4340.OW.YU
- 05.4340.RY.DA
- 05.4340.GY.DA
- 05.4340.ZY.DA

1-10V

- 05.4340.OW.1V
- 05.4340.OW.RX
- 05.4340.RY.1V
- 05.4340.GY.1V
- 05.4340.ZY.1V

Mains Dimming

- 05.4340.OW.NI
- 05.4340.OW.CN
- 05.4340.RY.NI
- 05.4340.GY.NI
- 05.4340.ZY.NI



Beam Angle: 17°		
h(m)	E(lx)	D(m)
1	16421	0.30
2	4105	0.60
3	1825	0.91
4	1026	1.21
5	657	1.51

Luminous flux luminaire 1696 lm

Optic Medium 2700K

Non Dimming

- 05.4341.OW
- 05.4341.OW.78
- 05.4341.RY
- 05.4341.GY
- 05.4341.ZY

DALI 2

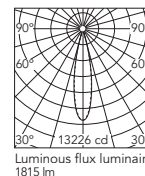
- 05.4341.OW.DA
- 05.4341.OW.YU
- 05.4341.RY.DA
- 05.4341.GY.DA
- 05.4341.ZY.DA

1-10V

- 05.4341.OW.1V
- 05.4341.OW.RX
- 05.4341.RY.1V
- 05.4341.GY.1V
- 05.4341.ZY.1V

Mains Dimming

- 05.4341.OW.NI
- 05.4341.OW.CN
- 05.4341.RY.NI
- 05.4341.GY.NI
- 05.4341.ZY.NI



Beam Angle: 22°		
h(m)	E(lx)	D(m)
1	13226	0.38
2	3307	0.76
3	1470	1.14
4	827	1.52
5	529	1.90

Luminous flux luminaire 1815 lm

3000K

Non Dimming

- 05.4345.OW
- 05.4345.OW.78
- 05.4345.RY
- 05.4345.GY
- 05.4345.ZY

DALI 2

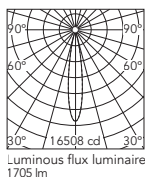
- 05.4345.OW.DA
- 05.4345.OW.YU
- 05.4345.RY.DA
- 05.4345.GY.DA
- 05.4345.ZY.DA

1-10V

- 05.4345.OW.1V
- 05.4345.OW.RX
- 05.4345.RY.1V
- 05.4345.GY.1V
- 05.4345.ZY.1V

Mains Dimming

- 05.4345.OW.NI
- 05.4345.OW.CN
- 05.4345.RY.NI
- 05.4345.GY.NI
- 05.4345.ZY.NI



Beam Angle: 17°		
h(m)	E(lx)	D(m)
1	16508	0.30
2	4127	0.60
3	1834	0.91
4	1032	1.21
5	660	1.51

Luminous flux luminaire 1705 lm

3000K

Non Dimming

- 05.4346.OW
- 05.4346.OW.78
- 05.4346.RY
- 05.4346.GY
- 05.4346.ZY

DALI 2

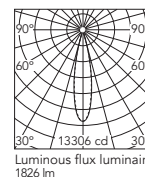
- 05.4346.OW.DA
- 05.4346.OW.YU
- 05.4346.RY.DA
- 05.4346.GY.DA
- 05.4346.ZY.DA

1-10V

- 05.4346.OW.1V
- 05.4346.OW.RX
- 05.4346.RY.1V
- 05.4346.GY.1V
- 05.4346.ZY.1V

Mains Dimming

- 05.4346.OW.NI
- 05.4346.OW.CN
- 05.4346.RY.NI
- 05.4346.GY.NI
- 05.4346.ZY.NI



Beam Angle: 22°		
h(m)	E(lx)	D(m)
1	13306	0.38
2	3327	0.76
3	1478	1.14
4	832	1.52
5	532	1.90

Luminous flux luminaire 1826 lm

**Optic Flood  
2700K**

Non Dimming

- 05.4342.OW
- 05.4342.OW.78
- 05.4342.RY
- 05.4342.GY
- 05.4342.ZY

DALI 2

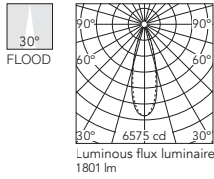
- 05.4342.OW.DA
- 05.4342.OW.YU
- 05.4342.RY.DA
- 05.4342.GY.DA
- 05.4342.ZY.DA

1-10V

- 05.4342.OW.1V
- 05.4342.OW.RX
- 05.4342.RY.1V
- 05.4342.GY.1V
- 05.4342.ZY.1V

Mains Dimming

- 05.4342.OW.NI
- 05.4342.OW.CN
- 05.4342.RY.NI
- 05.4342.GY.NI
- 05.4342.ZY.NI



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	6575	0.54
2	1644	1.08
3	731	1.62
4	411	2.16
5	263	2.70

Luminous flux luminaire  
1801 lm

**3000K**

Non Dimming

- 05.4347.OW
- 05.4347.OW.78
- 05.4347.RY
- 05.4347.GY
- 05.4347.ZY

DALI 2

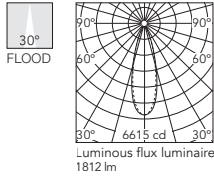
- 05.4347.OW.DA
- 05.4347.OW.YU
- 05.4347.RY.DA
- 05.4347.GY.DA
- 05.4347.ZY.DA

1-10V

- 05.4347.OW.1V
- 05.4347.OW.RX
- 05.4347.RY.1V
- 05.4347.GY.1V
- 05.4347.ZY.1V

Mains Dimming

- 05.4347.OW.NI
- 05.4347.OW.CN
- 05.4347.RY.NI
- 05.4347.GY.NI
- 05.4347.ZY.NI



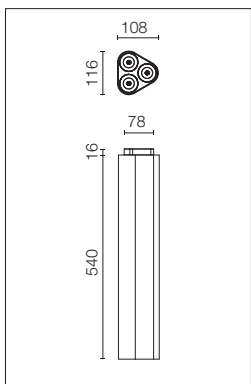
Beam Angle: 30°

h(m)	E(lx)	D(m)
1	6615	0.54
2	1654	1.08
3	735	1.62
4	413	2.16
5	265	2.70

Luminous flux luminaire  
1812 lm

Emi Ceiling Large H540

Light Source: LED Array - 28W - 2289 lm - 2700K/CRI 90 / 2303 lm - 3000K/CRI 90



- LED INCL
- 2,83 Kg
- GWT 850°
- CE
- Energy Efficiency Class: F
- IP 20
- 

Apparecchio a basso abbagliamento per installazione su superficie. Fonte di alimentazione da 220-240 V integrata. Ricambi del modulo ottico (lenti) disponibili, consultare gli accessori. Le diverse opzioni di lenti accessorie (secondo l'angolo del fascio) sono intercambiabili.

Anti-glare appliance for installation on surfaces. Built-in 220-240 V power supply. Spare parts for the optical module (lens) are available, please see the accessories. The various accessory lens options (depending on the beam angle) are interchangeable.

**Optic Spot 2700K**

Non Dimming

- 05.4350.OW
- 05.4350.OW.78
- 05.4350.RY
- 05.4350.GY
- 05.4350.ZY

DALI 2

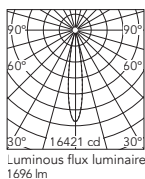
- 05.4350.OW.DA
- 05.4350.OW.YU
- 05.4350.RY.DA
- 05.4350.GY.DA
- 05.4350.ZY.DA

1-10V

- 05.4350.OW.1V
- 05.4350.OW.RX
- 05.4350.RY.1V
- 05.4350.GY.1V
- 05.4350.ZY.1V

Mains Dimming

- 05.4350.OW.NI
- 05.4350.OW.CN
- 05.4350.RY.NI
- 05.4350.GY.NI
- 05.4350.ZY.NI



**Optic Medium 2700K**

Non Dimming

- 05.4351.OW
- 05.4351.OW.78
- 05.4351.RY
- 05.4351.GY
- 05.4351.ZY

DALI 2

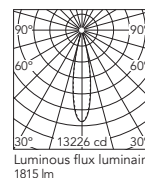
- 05.4351.OW.DA
- 05.4351.OW.YU
- 05.4351.RY.DA
- 05.4351.GY.DA
- 05.4351.ZY.DA

1-10V

- 05.4351.OW.1V
- 05.4351.OW.RX
- 05.4351.RY.1V
- 05.4351.GY.1V
- 05.4351.ZY.1V

Mains Dimming

- 05.4351.OW.NI
- 05.4351.OW.CN
- 05.4351.RY.NI
- 05.4351.GY.NI
- 05.4351.ZY.NI



**3000K**

Non Dimming

- 05.4355.OW
- 05.4355.OW.78
- 05.4355.RY
- 05.4355.GY
- 05.4355.ZY

DALI 2

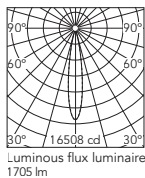
- 05.4355.OW.DA
- 05.4355.OW.YU
- 05.4355.RY.DA
- 05.4355.GY.DA
- 05.4355.ZY.DA

1-10V

- 05.4355.OW.1V
- 05.4355.OW.RX
- 05.4355.RY.1V
- 05.4355.GY.1V
- 05.4355.ZY.1V

Mains Dimming

- 05.4355.OW.NI
- 05.4355.OW.CN
- 05.4355.RY.NI
- 05.4355.GY.NI
- 05.4355.ZY.NI



**3000K**

Non Dimming

- 05.4356.OW
- 05.4356.OW.78
- 05.4356.RY
- 05.4356.GY
- 05.4356.ZY

DALI 2

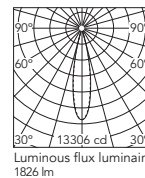
- 05.4356.OW.DA
- 05.4356.OW.YU
- 05.4356.RY.DA
- 05.4356.GY.DA
- 05.4356.ZY.DA

1-10V

- 05.4356.OW.1V
- 05.4356.OW.RX
- 05.4356.RY.1V
- 05.4356.GY.1V
- 05.4356.ZY.1V

Mains Dimming

- 05.4356.OW.NI
- 05.4356.OW.CN
- 05.4356.RY.NI
- 05.4356.GY.NI
- 05.4356.ZY.NI





**Optic Flood  
2700K**

Non Dimming

- 05.4352.OW
- 05.4352.OW.78
- 05.4352.RY
- 05.4352.GY
- 05.4352.ZY

DALI 2

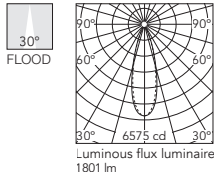
- 05.4352.OW.DA
- 05.4352.OW.YU
- 05.4352.RY.DA
- 05.4352.GY.DA
- 05.4352.ZY.DA

1-10V

- 05.4352.OW.1V
- 05.4352.OW.RX
- 05.4352.RY.1V
- 05.4352.GY.1V
- 05.4352.ZY.1V

Mains Dimming

- 05.4352.OW.NI
- 05.4352.OW.CN
- 05.4352.RY.NI
- 05.4352.GY.NI
- 05.4352.ZY.NI



Beam Angle: 30°

h(m)	E(lx)	D(m)
1	6575	0.54
2	1644	1.08
3	731	1.62
4	411	2.16
5	263	2.70

Luminous flux luminaire  
1801 lm

**3000K**

Non Dimming

- 05.4357.OW
- 05.4357.OW.78
- 05.4357.RY
- 05.4357.GY
- 05.4357.ZY

DALI 2

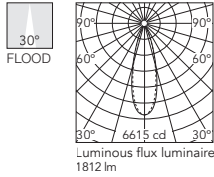
- 05.4357.OW.DA
- 05.4357.OW.YU
- 05.4357.RY.DA
- 05.4357.GY.DA
- 05.4357.ZY.DA

1-10V

- 05.4357.OW.1V
- 05.4357.OW.RX
- 05.4357.RY.1V
- 05.4357.GY.1V
- 05.4357.ZY.1V

Mains Dimming

- 05.4357.OW.NI
- 05.4357.OW.CN
- 05.4357.RY.NI
- 05.4357.GY.NI
- 05.4357.ZY.NI



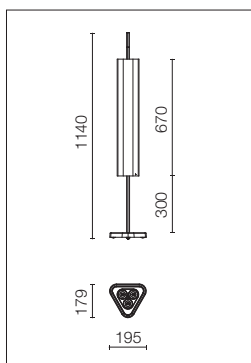
Beam Angle: 30°

h(m)	E(lx)	D(m)
1	6615	0.54
2	1654	1.08
3	735	1.62
4	413	2.16
5	265	2.70

Luminous flux luminaire  
1812 lm

## Emi Table

**Coming Soon:** Up: Data Pending  
Down: Data Pending

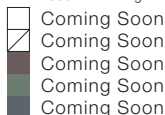


Apparecchio a basso abbagliamento per installazione su tavolo e tavolini. Fonte di alimentazione da 220-240 V integrata, con cavo e spina. Ricambi del modulo ottico (lenti) disponibili, consultare gli accessori. Controllo indipendente dell'illuminazione *Up&Down* attraverso sensori capacitivi *Touch Dimming* posizionati nella parte superiore dello stelo centrale.

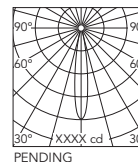
Anti-glare appliance for installation on tables and coffee tables. Built-in 220-240 V power supply, with cable and plug. Spare parts for the optical module (lens) are available, please see the accessories. Independent control of the *Up&Down* lighting through *Touch Dimming* capacitive sensors in the top part of the central rod.

**2700K**

Touch Dimming



Coming Soon  
Coming Soon  
Coming Soon  
Coming Soon



Beam Angle: XX°

h(m) E(lx) D(m)

1 XXX XX

2 XXX XX

3 XXX XX

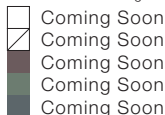
4 XXX XX

5 XXX XX

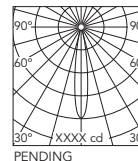
PENDING

**300K**

Touch Dimming



Coming Soon  
Coming Soon  
Coming Soon  
Coming Soon



Beam Angle: XX°

h(m) E(lx) D(m)

1 XXX XX

2 XXX XX

3 XXX XX

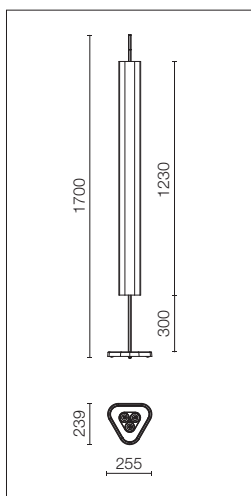
4 XXX XX

5 XXX XX

PENDING

## Emi Floor

**Coming Soon:** Up: Data Pending  
Down: Data Pending

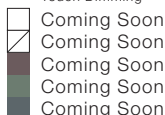


Apparecchio a basso abbagliamento per installazione a terra. Fonte di alimentazione da 220-240 V integrata, con cavo e spina. Ricambi del modulo ottico (lenti) disponibili, consultare gli accessori. Controllo indipendente dell'illuminazione *Up&Down* attraverso sensori capacitivi *Touch Dimming* posizionati nella parte superiore dello stelo centrale.

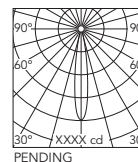
Anti-glare appliance for installation on the floor. Built-in 220-240 V power supply, with cable and plug. Spare parts for the optical module (lens) are available, please see the accessories. Independent control of the *Up&Down* lighting through *Touch Dimming* capacitive sensors in the top part of the central rod.

**2700K**

Touch Dimming



Coming Soon  
Coming Soon  
Coming Soon  
Coming Soon



Beam Angle: XX°

h(m) E(lx) D(m)

1 XXX XX

2 XXX XX

3 XXX XX

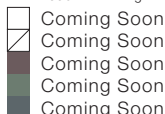
4 XXX XX

5 XXX XX

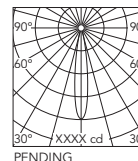
PENDING

**300K**

Touch Dimming



Coming Soon  
Coming Soon  
Coming Soon  
Coming Soon



Beam Angle: XX°

h(m) E(lx) D(m)

1 XXX XX

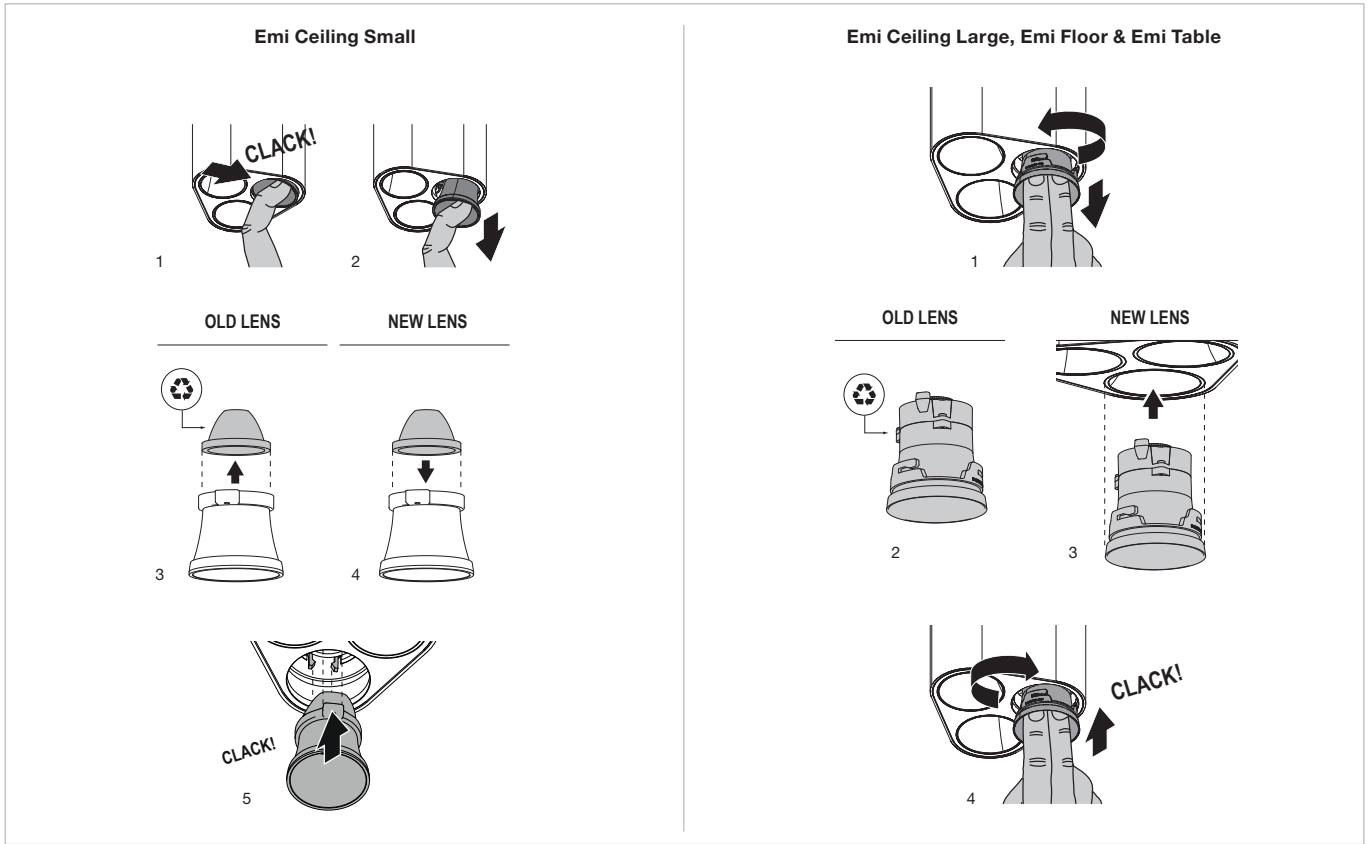
2 XXX XX

3 XXX XX

4 XXX XX

5 XXX XX

PENDING



## Emi Ceiling Small

Lenti

Lenses



- 3x Opic Spot  
08.0950.00
- 3x Opic Medium  
08.0951.00
- 3x Opic Flood  
08.0952.00
- 3x Opic Wide Flood  
08.0953.00

## Emi Ceiling Large

Lenti

Lenses



- 3x Opic Spot  
 08.0954.14  
 08.0954.40
- 3x Opic Medium  
 08.0955.14  
 08.0955.40
- 3x Opic Flood  
 08.0956.14  
 08.0956.40

## Emi Table & Floor

Lenti

Lenses



- 3x Opic Flood  
 08.0956.14  
 08.0956.40

# OBLIQUE

DESIGNED BY VINCENT VAN DUYSSEN



## LIGHT SOURCE

TOP LED  
8W  
750 lm  
2700K/CRI 90  
800 lm  
3000K/CRI 90  
850 lm  
4000K/CRI 90

DY Bianco Opaco  
DY Matt White

AH Grigio Lucido  
AH Gloss Grey

DX Ruggine Opaco  
DX Matt Rust

DW Marrone Opaco  
DW Matt Brown

DR Antracite Opaco  
DR Matt Anthracite

DV Salvia Lucida  
DV Gloss Salvia



## Descrizione

Apparecchio di illuminazione da tavolo a luce diretta, con supporto. Corpo in alluminio pressofuso. Testa in alluminio pressofuso con lente asimmetrica full cut-off integrata in metacrilato stampato ad iniezione. Sorgenti LED totalmente nascoste alla vista per il massimo comfort visivo senza ausilio di diaframmi o accessori anti-abbagliamento che limitino le performance del corpo lampada. Lo speciale gruppo ottico brevettato oltrepassa gli standard di illuminazione consueti per applicazioni in ambiti di lavoro e studio fornendo valori di illuminamento del piano di lavoro superiori a 1000 lux con un'levata protezione dall'abbagliamento e riduzione al minimo del flickering. La base della lampada è equipaggiata in tutte le versioni con una presa USB-C per la ricarica di dispositivi compatibili.

Le versioni Qi presentano una copertura esterna polimerica della base che consente la ricarica supplementare di dispositivi mobili in modalità wireless. Struttura ottenuta da un tubolare in lega di alluminio estruso lavorato meccanicamente.

L'interruttore dimmer-ON/OFF è integrato nella base e dispone di un temporizzatore.

## Unità di Alimentazione

Trasformatore elettronico 100-240V - 50/60Hz.

## Informazioni Aggiuntive

Grado di protezione IP20.  
Classe di isolamento III.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Table lamp with direct light and support. Body in die-cast aluminium. Head in die-cast aluminium with integrated full cut-off asymmetric lens in injection moulded methacrylate. LED source completely hidden from view for the best visual comfort without diaphragms or anti-glare accessories that would limit the performance of the lamp. The special patented optics group exceeds regular lighting standards for application in work and study environments, producing lighting values on the work surface greater than 1000 lux with high glare protection and minimum flickering.

All lamp base versions are equipped with a USB-C connection to recharge compatible devices.

The Qi versions have an external polymer covering on the base that allows for supplementary charging of mobile devices via wireless.

Structure made of an extruded tubular aluminium alloy produced mechanically.

The ON/OFF-dimmer switch is integrated into the base and features a timer.

## Power Supply

100-240 V - 50/60 Hz electronic transformer.

## Additional Information

IP20 protection grade.  
Insulation class III.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

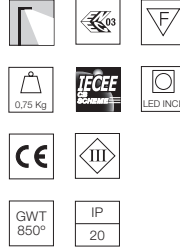
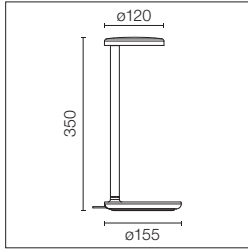
## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# OBLIQUE

## Oblique

Light Source: Top LED 8W - 750 lm - 2700K/CRI 90 / 8W - 800 lm - 3000K/CRI 90 / 8W - 850 lm - 4000K/CRI 90

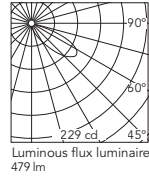


Lampada da tavolo professionale con ottica asimmetrica brevettata. Alimentazione esterna inclusa equipaggiata con cavo di 1500mm. Presa USB-C integrata nella base dell'apparecchio predisposta per la ricarica di dispositivi compatibili. Driver input: 24 V

Professional table lamp with patented asymmetric optics. External power supply included with 1500-mm cable. USB-C connection integrated into the base of the device to recharge compatible devices. Driver input: 24 V

### 2700K

- 09.8300.DY
- 09.8300.AH
- 09.8300.DX
- 09.8300.DW
- 09.8300.DR
- 09.8300.DV



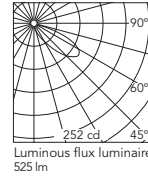
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	229	2.18
2	57	4.36
3	25	6.54
4	14	8.72
5	9	10.90

Luminous flux luminaire 479 lm

### 4000K

- 09.8302.DY
- 09.8302.AH
- 09.8302.DX
- 09.8302.DW
- 09.8302.DR
- 09.8302.DV



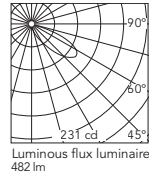
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	252	2.18
2	63	4.36
3	28	6.54
4	16	8.72
5	10	10.90

Luminous flux luminaire 525 lm

### 3000K

- 09.8301.DY
- 09.8301.AH
- 09.8301.DX
- 09.8301.DW
- 09.8301.DR
- 09.8301.DV



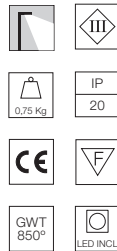
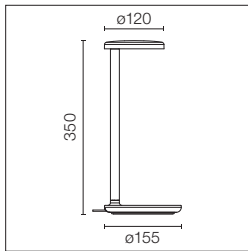
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	231	2.18
2	58	4.36
3	26	6.54
4	14	8.72
5	9	10.90

Luminous flux luminaire 482 lm

## Oblique Qi

Light Source: Top LED 8W - 750 lm - 2700K/CRI 90 / 8W - 800 lm - 3000K/CRI 90 / 8W - 850 lm - 4000K/CRI 90

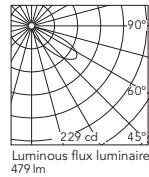


Lampada da tavolo professionale con ottica asimmetrica brevettata. Alimentazione esterna inclusa equipaggiata con cavo di 1500mm. Presa USB-C integrata nella base dell'apparecchio predisposta per la ricarica di dispositivi compatibili. Base con sistema di ricarica wireless compatibile con Qi predisposta per dispositivi mobili e custodie di ricarica wireless per dispositivi compatibili. Driver input: 12 V

Professional table lamp with patented asymmetric optics. External power supply included with 1500-mm cable. USB-C connection integrated into the base of the device to recharge compatible devices. Base with Qi compatible wireless recharging system for mobile devices and wireless recharging cases for compatible devices. Driver input: 12 V

### 2700K

- 09.8310.DY
- 09.8310.AH
- 09.8310.DX
- 09.8310.DW
- 09.8310.DR
- 09.8310.DV



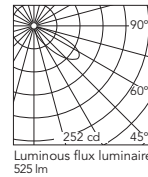
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	229	2.18
2	57	4.36
3	25	6.54
4	14	8.72
5	9	10.90

Luminous flux luminaire 479 lm

### 4000K

- 09.8312.DY
- 09.8312.AH
- 09.8312.DX
- 09.8312.DW
- 09.8312.DR
- 09.8312.DV



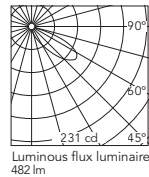
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	252	2.18
2	63	4.36
3	28	6.54
4	16	8.72
5	10	10.90

Luminous flux luminaire 525 lm

### 3000K

- 09.8311.DY
- 09.8311.AH
- 09.8311.DX
- 09.8311.DW
- 09.8311.DR
- 09.8311.DV



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	231	2.18
2	58	4.36
3	26	6.54
4	14	8.72
5	9	10.90

Luminous flux luminaire 482 lm

# OBLIQUE FLOOR

DESIGNED BY VINCENT VAN DUYSSEN



## LIGHT SOURCE

TOP LED  
8W  
750 lm  
2700K/CRI 90  
800 lm  
3000K/CRI 90  
850 lm  
4000K/CRI 90

DY Bianco Opaco  
DY Matte White

AH Grigio Lucido  
AH Gloss Grey

DX Ruggine Opaco  
DX Matte Rust

DW Marrone Opaco  
DW Matte Brown

DR Antracite Opaco  
DR Matte Anthracite

DV Salvia Lucida  
DV Gloss Salvia



## Descrizione

Apparecchio di illuminazione a piedistallo con illuminazione diretta asimmetrica e supporto da pavimento. Accensione della lampada e regolazione dell'intensità della luce mediante interazione tattile. Corpo in alluminio fuso. Testata in alluminio fuso con lente full cut-off asimmetrica e integrata in metacrilato stampato ad iniezione. La struttura consta di un tubo in lega di alluminio estruso, lavorato meccanicamente. Fonte d'illuminazione LED completamente invisibile che garantisce il massimo confort visuale senza dover ricorrere a diaframmi o ad accessori antiabbaglianti che limitando le prestazioni dell'apparecchio. La speciale unità ottica, patentata, supera gli abituali standard di illuminazione per un intorno residenziale, di lavoro e di studio, con una notevole protezione contro l'abbagliamento e con una illuminazione di qualità straordinaria.

## Unità di Alimentazione

Trasformatore elettronico 100-240V - 50/60Hz.

## Informazioni Aggiuntive

Grado di protezione IP20.  
Classe di isolamento III.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Floor lamp with asymmetrical direct lighting and floor stand. Haptic interaction for switching and dimming. Cast aluminum body. Cast aluminum head with integrated full cut-off asymmetric lens in injection molded methacrylate. Structure made of a mechanically worked extruded aluminum alloy tube. Completely invisible LED sources for maximum visual comfort without the need for diaphragms or anti-glare accessories that limit the performance of the luminaire. The patented special optical unit exceeds the usual lighting standards for applications in residential, work and study environments with high glare protection and outstanding light quality.

## Power Supply

100-240 V - 50/60 Hz electronic transformer.

## Additional Information

IP20 protection grade.  
Insulation class III.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

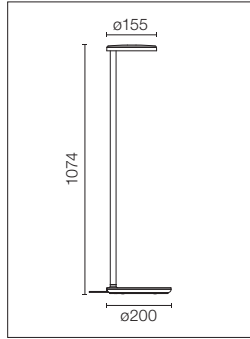
## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# OBLIQUE FLOOR

## Oblique Floor

Light Source: Top LED 8W - 24V - 750 lm - 2700K/CRI 90 / 8W - 24V - 800 lm - 3000K/CRI 90 / 8W - 24V - 850 lm - 4000K/CRI 90

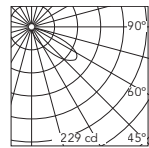


Apparecchio di illuminazione a piedistallo che, grazie alla sua originale lente patentata, offre sia una distribuzione luminosa asimmetrica sia un confort visuale eccellente. La sua forma, la sua altezza e le sue dimensioni concordano con la funzionalità del prodotto, che proporziona un'eccellente illuminazione da lettura o da accompagnamento rimanendo la fonte luminosa nascosta alla vista dell'utente. Driver input: 24 V

Floor lamp that, thanks to its innovative patented lens, offers asymmetrical light distribution and excellent visual comfort. Its shape, height and dimensions are consistent with the functionality of the product, which provides excellent reading or companion lighting while keeping the light source invisible to the user. Driver input: 24 V

### 2700K

- 09.8220.DY
- 09.8220.AH
- 09.8220.DX
- 09.8220.DW
- 09.8220.DR
- 09.8220.DV



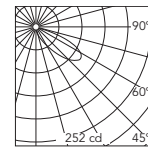
Luminous flux luminaire 479 lm

Beam Angle: 35°

h(m)	E(lx)	D(m)
1	229	2.18
2	57	4.36
3	25	6.54
4	14	8.72
5	9	10.90

### 4000K

- 09.8222.DY
- 09.8222.AH
- 09.8222.DX
- 09.8222.DW
- 09.8222.DR
- 09.8222.DV



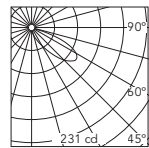
Luminous flux luminaire 525 lm

Beam Angle: 35°

h(m)	E(lx)	D(m)
1	252	2.18
2	63	4.36
3	28	6.54
4	16	8.72
5	10	10.90

### 3000K

- 09.8221.DY
- 09.8221.AH
- 09.8221.DX
- 09.8221.DW
- 09.8221.DR
- 09.8221.DV



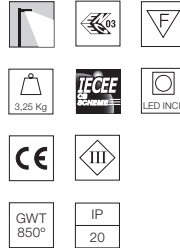
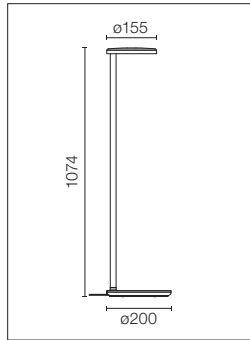
Luminous flux luminaire 482 lm

Beam Angle: 35°

h(m)	E(lx)	D(m)
1	231	2.18
2	58	4.36
3	26	6.54
4	14	8.72
5	9	10.90

## Oblique Floor USB-C

Light Source: Top LED 8W - 24V - 750 lm - 2700K/CRI 90 / 8W - 24V - 800 lm - 3000K/CRI 90 / 8W - 24V - 850 lm - 4000K/CRI 90

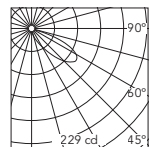


Apparecchio di illuminazione a piedistallo che, grazie alla sua originale lente patentata, offre sia una distribuzione luminosa asimmetrica sia un confort visuale eccellente. La sua forma, la sua altezza e le sue dimensioni concordano con la funzionalità del prodotto, che proporziona un'eccellente illuminazione da lettura o da accompagnamento rimanendo la fonte luminosa nascosta alla vista dell'utente. Modello con sistema USB-C per la ricarica del cellulare inserito nel piedistallo. Driver input: 24 V

Floor lamp that, thanks to its innovative patented lens, offers asymmetrical light distribution and excellent visual comfort. Its shape, height and dimensions are consistent with the functionality of the product, which provides excellent reading or companion lighting while keeping the light source invisible to the user. Model with USB-C mobile charging in its base. Driver input: 24 V

### 2700K

- 09.8230.DY
- 09.8230.AH
- 09.8230.DX
- 09.8230.DW
- 09.8230.DR
- 09.8230.DV



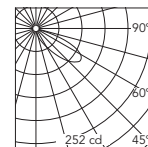
Luminous flux luminaire 479 lm

Beam Angle: 35°

h(m)	E(lx)	D(m)
1	229	2.18
2	57	4.36
3	25	6.54
4	14	8.72
5	9	10.90

### 4000K

- 09.8232.DY
- 09.8232.AH
- 09.8232.DX
- 09.8232.DW
- 09.8232.DR
- 09.8232.DV



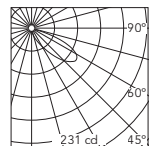
Luminous flux luminaire 525 lm

Beam Angle: 35°

h(m)	E(lx)	D(m)
1	252	2.18
2	63	4.36
3	28	6.54
4	16	8.72
5	10	10.90

### 3000K

- 09.8231.DY
- 09.8231.AH
- 09.8231.DX
- 09.8231.DW
- 09.8231.DR
- 09.8231.DV



Luminous flux luminaire 482 lm

Beam Angle: 35°

h(m)	E(lx)	D(m)
1	231	2.18
2	58	4.36
3	26	6.54
4	14	8.72
5	9	10.90

NEW

WORKMATES  
DESIGNED BY FLOS ARCHITECTURAL

FLOS  
CONTROL BY CASAMBI

Available on the  
App Store

GET IT ON  
Google Play





## Descrizione

Workmates rappresenta l'ecosistema di apparecchi di illuminazione Flos pensato per nuovi spazi di lavoro contemporanei e multidisciplinari. Dall'ufficio tradizionale all'*home-office*, dagli studi privati gli spazi di co-working. Con il suo sottilissimo profilo di soli 15 mm, viene data forma a una collezione di prodotti progettati per rispondere in maniera versatile a qualsiasi esigenza illuminotecnica o di installazione. Un concetto di illuminazione che mette il benessere della persona al centro del suo sviluppo tecnico cui si aggiunge una minuziosa cura dell'estetica e dei dettagli che si diffonde dal carattere distintivo del design Flos.

Workmates si declina in 4 opzioni di montaggio (a soffitto, a sospensione, da terra e a binario), così da adattarsi alle esigenze di installazione di tutti gli spazi. Tutte le opzioni sono disponibili in 3 finiture: *All White*, *White* e *Black*. Inoltre, in tutti i modelli ad esclusione della versione da terra, è disponibile l'accattivante finitura *Anodized Silver*.

## Sistema ottico

Tutte le luci dell'ecosistema Workmates sono dotate di sorgenti luminose LED *High Efficiency* e *Full Spectrum*. La prima permette di ottenere ottime prestazioni in termini di Lm/W, mentre l'opzione *Full Spectrum* offre un'ottima resa cromatica e una qualità che si avvicina in modo ineguagliabile a tutto lo spettro della luce naturale.

I modelli a soffitto, a binario e a sospensione offrono due distribuzioni luminose per quanto riguarda l'emissione *Down*: *Wide Flood* e *Oval*. La distribuzione *Wide Flood* garantisce una perfetta omogeneità e intensità su tutta la superficie di lavoro (piano del tavolo o scrivania). La variante *Oval* plasma la luce in modo da fornire una distribuzione longitudinale adatta ad applicazioni che prevedono tavoli continui o spazi con pianta allungata quali corridoi, zone di passaggio, ecc.

Data la loro posizione dislocata rispetto all'effettivo piano di illuminazione, i modelli da terra sono stati progettati con un'emissione luminosa asimmetrica relativamente all'emissione *Down*.

Inoltre, le versioni a sospensione e da terra dispongono dell'emissione *Up* con apertura *Extra Wide Flood* per una luce diffusa e indiretta. Ciò permette di ridurre l'affaticamento visivo degli utilizzatori e di attenuare la differenza di luminosità tra la superficie illuminata dall'apparecchio di illuminazione e l'ambiente. L'emissione *Up* è inoltre disponibile in temperatura colore variabile *Tunable White* che permette di conciliare la temperatura della luce indiretta con il ritmo circadiano e, a seconda dell'orario della giornata, generare uno schema di illuminazione HCL (*Human Centric Lighting*).

Tutte le lenti di Workmates sono state progettate da Flos, unitamente allo schermo '*extreme cut-off*' con finitura tecnica brillante, per ridurre l'abbagliamento e incanalare al meglio il flusso luminoso del LED così da ottenere il miglior *Light Output Ratio* (L.O.R.).

## Sistemi di controllo

Workmates è disponibile con protocolli di regolazione *On/Off*, *On Board Dimming*, *1-10V*, *Dali* e *Casambi* (\*si vedano i protocolli disponibili per ogni modello). Inoltre le versioni da terra sono commercializzate con regolatore *Touch Dimming*, tramite la pulsantiera integrata.

I modelli da terra e a sospensione dispongono altresì delle versioni *Smart* dotate di sensori di rilevamento della presenza e soglie di luminosità.

## Informazioni aggiuntive

Workmates risponde ai più stringenti requisiti della norma per l'illuminazione nei luoghi di lavoro *EN 12464-1:2012*. Pertanto, offre un UGR inferiore a 19 e un valore di intensità massima in un angolo di 65° inferiore a 3000 cd/m<sup>2</sup>. I modelli con LED *High Efficiency* permettono di scegliere LED con 'binning' superiore per avere un rapporto Lm/W ancora più alto (contattaci per un ordine speciale).

Compatibilità con i modelli Track:

- Workmates Track (*Small & Large*):
  - Regolazione *On/Off* e *Casambi* compatibile con binari Global, Ivela ed Eutrac.
  - Regolazione *Dali 2* compatibile con binari Unipro, Global e Stucchi.
- Workmates In-Track (*Small & Large*):
  - Regolazione *On/Off* compatibile con binari Global, Stucchi ed Eutrac.
  - Regolazione *Dali 2* compatibile con binari Global e Stucchi.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Workmates is Flos' luminaire ecosystem for new contemporary and multidisciplinary work spaces. From traditional offices through to *home offices*, from private offices to collaborative work spaces. With its ultraslim profile of only 15 mm, it defines a collection of products that have been designed to provide a versatile response to any lighting need or installation requirement. A lighting concept that places personal well-being at the very core of its technical development and adds careful attention to the aesthetics and details that emanate from the differential identity of the Flos design.

Workmates comes in 4 installation options (ceiling surface, suspension, floor and track), in order to adapt to the installation requirements of any space. All of these come in 3 finishes: *All White*, *White* and *Black*. In addition, an attractive *Anodized Silver* finish is available in all except the floor option.

## Optical System

All of the luminaires in the Workmates ecosystem are offered with LED *High Efficiency* and *Full Spectrum* light sources. The former provides excellent performance in terms of Lm/W, while the *Full Spectrum* option provides optimal colour rendering with a quality that is unbeatably close to that of natural light across the entire spectrum.

The ceiling surface, track and suspension models offer two light distribution options in their *Down* emission: *Wide Flood* and *Oval*. *Wide Flood* distribution achieves perfect uniformity and intensity over the entire work surface (the top of the table or desk). The *Oval* option shapes the light to provide a longitudinal distribution which is suited to applications with long tables or spaces with an elongated layout, such as corridors, transit areas, etc.

Due to their displaced position with respect to the effective lighting plane, the floor-mounted models are designed with asymmetric light delivery in their *Down* emission.

In addition, the suspension and floor mounted versions have an *Up* emission with an *Extra Wide Flood* aperture to generate indirect diffuse light. This reduces users' visual fatigue as well as the jump in light levels between the work plane of the luminaire and the surrounding environment. *Up* emission is also available in *Tunable White* variable colour temperature, which allows the temperature of the indirect light to be adjusted to the circadian rhythm and, depending on the time of day, the generation of an HCL (*Human Centric Lighting*) lighting scheme.

Together with the '*extreme cut-off*' screen, in a glossy technical finish, all Workmate lenses are designed by Flos to reduce glare and channel the gross flow of the LED optimally in order to achieve the best *Light Output Ratio* (L.O.R.).

## Control Systems

Workmates is available with the following setting protocols *On/Off*, *On Board Dimming*, *1-10V*, *Dali* and *Casambi* (\*see the protocols available for each model). The floor versions are also sold with a *Touch Dimming* controller through the built-in button panel.

The floor and pendant models also come in *Smart* versions equipped with motion detection sensors and brightness thresholds.

## Additional Information

Workmates complies with the more restrictive requirements of the *EN 12464-1:2012* standard for workspace lighting. Therefore, they offer a UGR of less than 19 and maximum intensity value at an angle of 65° of less than 3000 cd/m<sup>2</sup>.

The models with *High Efficiency* LEDs let you choose LEDs with a better 'binning' so you can have an even higher lm/W ratio (contact us for special orders).

Compatibility with the Track models:

- Workmates Track (*Small & Large*):
  - *On/Off* and *Casambi* settings compatible with Global, Ivela and Eutrac tracks.
  - *Dali 2* settings compatible with Unipro, Global and Stucchi tracks.
- Workmates In-Track (*Small & Large*):
  - *On/Off* settings compatible with Global, Stucchi and Eutrac tracks.
  - *Dali 2* settings compatible with Global and Stucchi tracks.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Compliance of Standards and Quality Marks

Luminaire conforms to European Technical Standard EN60598-1 and secondary parts.

## WORKMATES

DESIGNED BY FLOS ARCHITECTURAL

WORKMATES SURFACE  
SMALL

**LIGHT SOURCE**  
TOP LED  
HIGH EFFICIENCY  
14W  
CRI 90  
1817 lm / 3000K  
1831 lm / 3500K  
1858 lm / 4000K

**LIGHT SOURCE**  
TOP LED  
FULL SPECTRUM  
14W  
CRI 98  
1346 lm / 3000K  
1357 lm / 3500K  
1369 lm / 4000K

WORKMATES SURFACE  
LARGE

**LIGHT SOURCE**  
TOP LED  
HIGH EFFICIENCY  
28W  
CRI 90  
3634 lm / 3000K  
3662 lm / 3500K  
3717 lm / 4000K

**LIGHT SOURCE**  
TOP LED  
FULL SPECTRUM  
28W  
CRI 98  
2691 lm / 3000K  
2714 lm / 3500K  
2737 lm / 4000K

## WORKMATES SUSPENSION DOWN



**COMING SOON**  
HIGH EFFICIENCY

**COMING SOON**  
FULL SPECTRUM

## WORKMATES SUSPENSION UP&amp;DOWN



**COMING SOON**  
HIGH EFFICIENCY

**COMING SOON**  
FULL SPECTRUM

WORKMATES TRACK  
SMALL



<b>LIGHT SOURCE</b> POWER LED HIGH EFFICIENCY 15,5W CRI 90 1817 lm / 3000K 1831 lm / 3500K 1858 lm / 4000K	<b>LIGHT SOURCE</b> POWER LED FULL SPECTRUM 15W CRI 98 1346 lm / 3000K 1357 lm / 3500K 1369 lm / 4000K
---	---

WORKMATES TRACK  
LARGE



<b>LIGHT SOURCE</b> POWER LED HIGH EFFICIENCY 21W CRI 90 2726 lm / 3000K 2758 lm / 3500K 2786 lm / 4000K	<b>LIGHT SOURCE</b> POWER LED FULL SPECTRUM 22W CRI 98 2018 lm / 3000K 2036 lm / 3500K 2053 lm / 4000K
---	---

WORKMATES IN-TRACK  
SMALL



<b>LIGHT SOURCE</b> POWER LED HIGH EFFICIENCY 15,5W CRI 90 1817 lm / 3000K 1831 lm / 3500K 1858 lm / 4000K	<b>LIGHT SOURCE</b> POWER LED FULL SPECTRUM 15W CRI 98 1346 lm / 3000K 1357 lm / 3500K 1369 lm / 4000K
---	---

WORKMATES IN-TRACK  
LARGE



<b>LIGHT SOURCE</b> POWER LED HIGH EFFICIENCY 21W CRI 90 2726 lm / 3000K 2758 lm / 3500K 2786 lm / 4000K	<b>LIGHT SOURCE</b> POWER LED FULL SPECTRUM 22W CRI 98 2018 lm / 3000K 2036 lm / 3500K 2053 lm / 4000K
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THE RUNNING MAGNET

WORKMATES TRACK  
SMALL



WORKMATES TRACK  
LARGE



COMING SOON

\* Vedi capitolo The Running Magnet / Refer to The Running Magnet chapter

# WORKMATES

DESIGNED BY FLOS ARCHITECTURAL

WORKMATES FLOOR  
SINGLE



**COMING SOON**  
DOWN HIGH EFFICIENCY

**COMING SOON**  
UP HIGH EFFICIENCY  
CCT / TW

**COMING SOON**  
DOWN FULL SPECTRUM

WORKMATES FLOOR  
DOUBLE



**COMING SOON**  
DOWN HIGH EFFICIENCY

**COMING SOON**  
UP HIGH EFFICIENCY  
CCT / TW

**COMING SOON**  
DOWN FULL SPECTRUM

**Workmates suspension**

All White

White

Black

Anodized Silver



**Workmates Surface**

All White

White

Black

Anodized Silver



**Workmates Track**

All White

White

Black

Anodized Silver



**Workmates In-Track**

All White

White

Black

Anodized Silver



**Workmates Floor**

All White

White

Black



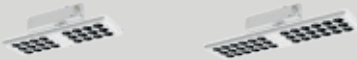
1 SELECT MOUNTING / MODEL

Ceiling Surface



Small Large

Three Phase Track



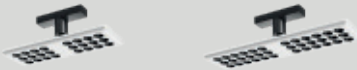
Small Large

Three Phase In-Track



Small Large

The Running Magnet



Small Large

Suspension



Down / Up & Down

Floor



Single Double

2 SELECT LED SOURCE & OPTICS (DOWN LIGHT)

High-efficiency LED



3000 K / 3500 K / 4000 K

Optics

Ceiling Surface / All Tracks / Suspension



WIDE FLOOD

OVAL

Floor



ASYMM.

Full Spectrum LED



3000 K / 3500 K / 4000 K

Optics

Ceiling Surface / All Tracks / Suspension



WIDE FLOOD

OVAL

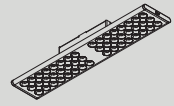
Floor



ASYMM.

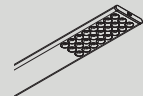
3 SELECT SPECIAL FEATURES

Ceiling Surface / All Tracks



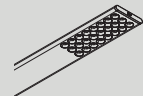
STANDARD

Suspension Down

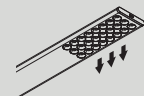


STANDARD

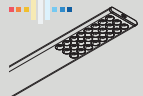
Suspension Up & Down



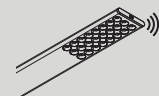
STANDARD



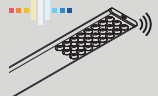
PRINCIPALLY DOWN LIGHT



TUNNABLE WHITE

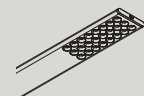


SMART

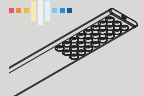


TUNNABLE WHITE SMART

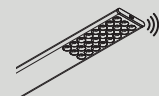
Floor



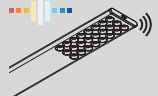
STANDARD



TUNNABLE WHITE



SMART



TUNNABLE WHITE SMART

4 SELECT DIM CONTROL

Ceiling Surface / Three Phase Track



In Track



The Running Magnet



Suspension Down



Suspension Up & Down

STANDARD



TUNNABLE WHITE



SMART & TUNNABLE WHITE SMART



CASAMBI

Floor

STANDARD & TUNNABLE WHITE



TOUCH DIM CASAMBI

SMART & TUNNABLE WHITE SMART



CASAMBI

5 FINISHES

Ceiling Surface / All Tracks / Suspension



All White



White



Black



Anodized Silver

Floor



All White



White



Black

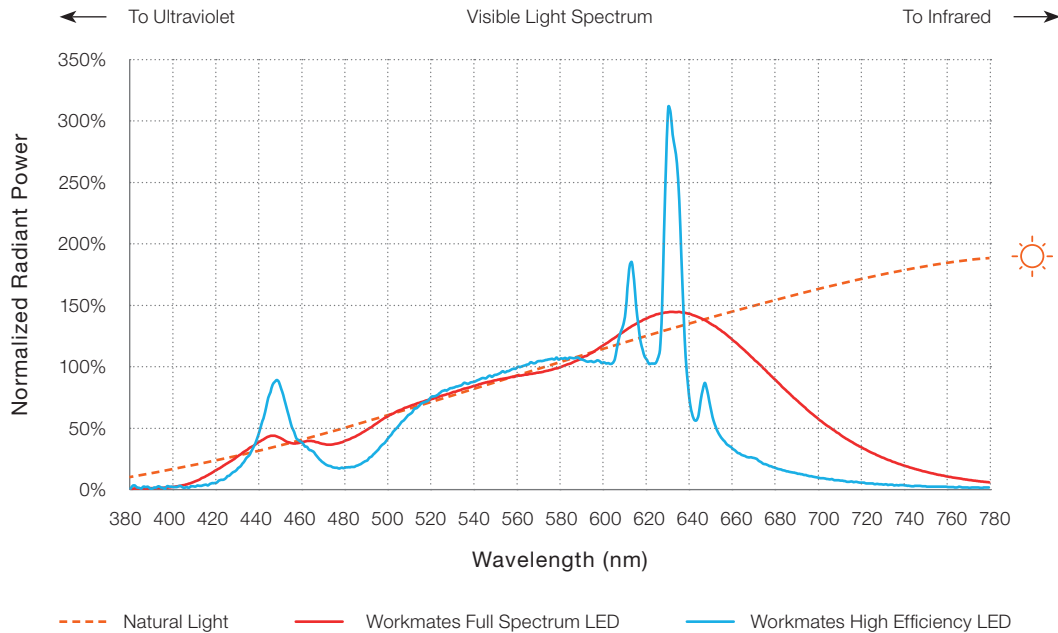
### NLAS (Natural Light Average Secondment)

Tutte le luci dell'ecosistema Workmates sono dotate di sorgenti luminose LED *High Efficiency* e *Full Spectrum*. Con la prima si ottiene un rendimento eccellente in termini di Lm/W, mentre con l'opzione *Full Spectrum* si raggiunge un indice NLAS (*Natural Light Average Secondment*) perfetto.

All'interno dello spettro visibile della radiazione luminosa, la luce naturale descrive un percorso molto preciso. La opzione a LED "*Full Spectrum*", disponibile per Workmates, rispecchia il comportamento più fedele di una luce artificiale rispetto al rendimento della luce naturale. In questo modo contribuisce a migliorare il benessere umano e a rispettare gli schemi naturali dell'illuminazione circadiana.

All the lights in the Workmates ecosystem are fitted with *High Efficiency* and *Full Spectrum* LED light sources. With the former, you get excellent performance in terms of lm/W, while with the *Full Spectrum* option, you get the perfect NLAS (*Natural Light Average Secondment*) index.

Natural light sets a very precise path within the visible light spectrum. The "*Full Spectrum*" LED option, available for Workmates, reflects the most accurate behaviour of artificial light compared with the performance of natural light. It therefore helps improve human well-being and respect the natural schemes of circadian lighting.



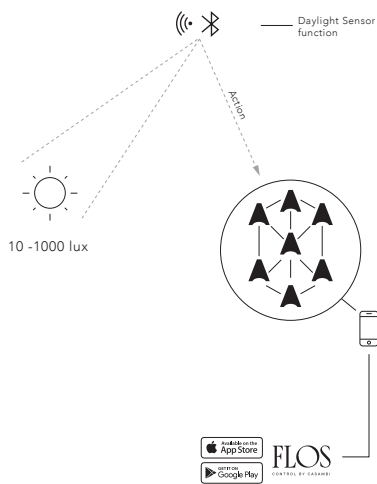


## Smart Lighting

I sistemi di controllo *Dali* e senza fili *Casambi*, dotano *Workmates* di sensori integrati o esterni per mettere in scena la luce desiderata per ogni situazione. Tutto ciò, in risposta al rilevamento della presenza, dell'assenza o alle soglie di luminosità desiderate.

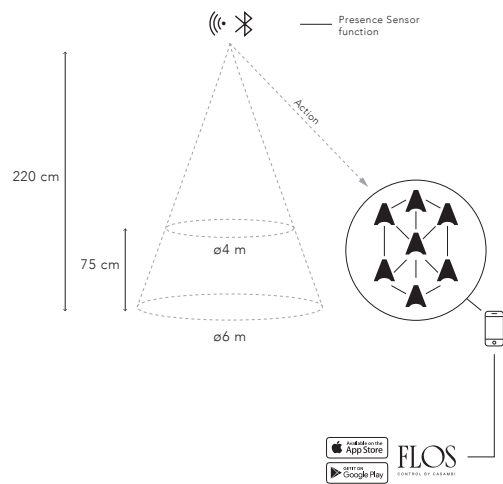
With its *Dali* and wireless *Casambi* control systems, *Workmates* has built-in or external sensors to activate the desired lighting scenarios for each situation. All of it triggered by presence or absence detection, or the desired brightness thresholds.

Daylight Sensor



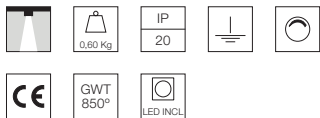
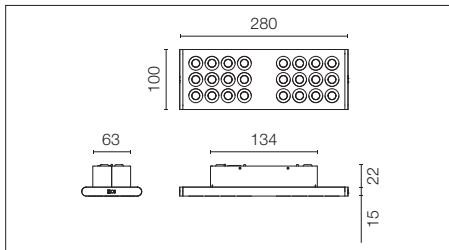
▲ Casambi object

Presence Sensor



Workmates Surface Small

Light Source: Top LED High Efficiency 14W - 1817 lm - 3000K/CRI 90 / 1831 lm - 3500K/CRI 90 / 1858 lm - 4000K/CRI 90



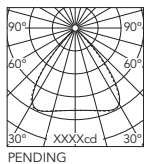
Apparecchio di illuminazione a soffitto. Sorgente luminosa ad alto rendimento. Driver integrato. Versione *Casambi* disponibile per la regolazione senza fili. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Ceiling surface luminaire. High-efficiency light source. Integrated driver. *Casambi* version available for wireless control. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming

- 05.6200.40
- 05.6200.40.78
- 05.6200.14
- 05.6200.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6200.40.DA
- 05.6200.40.YU
- 05.6200.14.DA
- 05.6200.AP.DA

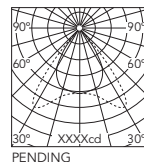
Casambi

- 05.6200.40.CB
- 05.6200.40.C6
- 05.6200.14.CB
- 05.6200.AP.CB

Optic Oval - 3050K

Non Dimming

- 05.6205.40
- 05.6205.40.78
- 05.6205.14
- 05.6205.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6205.40.DA
- 05.6205.40.YU
- 05.6205.14.DA
- 05.6205.AP.DA

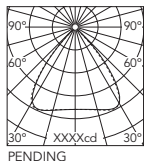
Casambi

- 05.6205.40.CB
- 05.6205.40.C6
- 05.6205.14.CB
- 05.6205.AP.CB

Optic Wide Flood - 3500K

Non Dimming

- 05.6201.40
- 05.6201.40.78
- 05.6201.14
- 05.6201.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6201.40.DA
- 05.6201.40.YU
- 05.6201.14.DA
- 05.6201.AP.DA

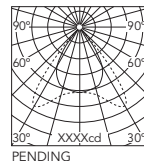
Casambi

- 05.6201.40.CB
- 05.6201.40.C6
- 05.6201.14.CB
- 05.6201.AP.CB

Optic Oval - 3500K

Non Dimming

- 05.6206.40
- 05.6206.40.78
- 05.6206.14
- 05.6206.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6206.40.DA
- 05.6206.40.YU
- 05.6206.14.DA
- 05.6206.AP.DA

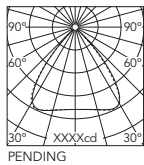
Casambi

- 05.6206.40.CB
- 05.6206.40.C6
- 05.6206.14.CB
- 05.6206.AP.CB

Optic Wide Flood - 4000K

Non Dimming

- 05.6202.40
- 05.6202.40.78
- 05.6202.14
- 05.6202.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6202.40.DA
- 05.6202.40.YU
- 05.6202.14.DA
- 05.6202.AP.DA

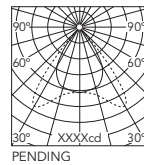
Casambi

- 05.6202.40.CB
- 05.6202.40.C6
- 05.6202.14.CB
- 05.6202.AP.CB

Optic Oval - 4000K

Non Dimming

- 05.6207.40
- 05.6207.40.78
- 05.6207.14
- 05.6207.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

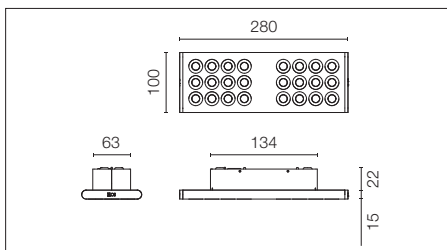
- 05.6207.40.DA
- 05.6207.40.YU
- 05.6207.14.DA
- 05.6207.AP.DA

Casambi

- 05.6207.40.CB
- 05.6207.40.C6
- 05.6207.14.CB
- 05.6207.AP.CB

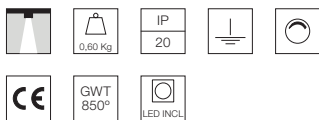
Workmates Surface Small

Light Source: Top LED Full Spectrum 14W - 1346 lm - 3000K/CRI 98 / 1357 lm - 3500K/CRI 98 / 1369 lm - 4000K/CRI 98



Apparecchio di illuminazione a soffitto. Sorgente luminosa Full Spectrum di elevata qualità nella resa cromatica. Driver integrato. Versione Casambi disponibile per la regolazione senza fili. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Ceiling surface luminaire. High-quality colour rendering Full Spectrum light source. Integrated driver. Casambi version available for wireless control. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.



Optic Wide Flood - 3000K

Non Dimming

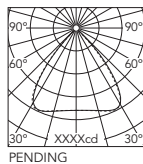
- 05.6210.40
- 05.6210.40.78
- 05.6210.14
- 05.6210.AP

Dali 2

- 05.6210.40.DA
- 05.6210.40.YU
- 05.6210.14.DA
- 05.6210.AP.DA

Casambi

- 05.6210.40.CB
- 05.6210.40.C6
- 05.6210.14.CB
- 05.6210.AP.CB



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

PENDING

Optic Oval - 3000K

Non Dimming

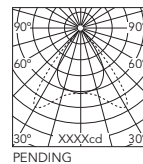
- 05.6215.40
- 05.6215.40.78
- 05.6215.14
- 05.6215.AP

Dali 2

- 05.6215.40.DA
- 05.6215.40.YU
- 05.6215.14.DA
- 05.6215.AP.DA

Casambi

- 05.6215.40.CB
- 05.6215.40.C6
- 05.6215.14.CB
- 05.6215.AP.CB



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

PENDING

Optic Wide Flood - 3500K

Non Dimming

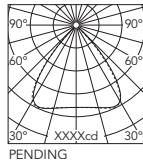
- 05.6211.40
- 05.6211.40.78
- 05.6211.14
- 05.6211.AP

Dali 2

- 05.6211.40.DA
- 05.6211.40.YU
- 05.6211.14.DA
- 05.6211.AP.DA

Casambi

- 05.6211.40.CB
- 05.6211.40.C6
- 05.6211.14.CB
- 05.6211.AP.CB



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

PENDING

Optic Oval - 3500K

Non Dimming

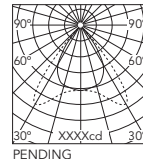
- 05.6216.40
- 05.6216.40.78
- 05.6216.14
- 05.6216.AP

Dali 2

- 05.6216.40.DA
- 05.6216.40.YU
- 05.6216.14.DA
- 05.6216.AP.DA

Casambi

- 05.6216.40.CB
- 05.6216.40.C6
- 05.6216.14.CB
- 05.6216.AP.CB



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

PENDING

Optic Wide Flood - 4000K

Non Dimming

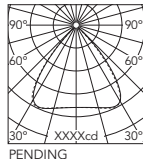
- 05.6212.40
- 05.6212.40.78
- 05.6212.14
- 05.6212.AP

Dali 2

- 05.6212.40.DA
- 05.6212.40.YU
- 05.6212.14.DA
- 05.6212.AP.DA

Casambi

- 05.6212.40.CB
- 05.6212.40.C6
- 05.6212.14.CB
- 05.6212.AP.CB



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

PENDING

Optic Oval - 4000K

Non Dimming

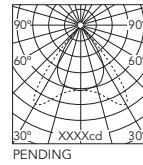
- 05.6217.40
- 05.6217.40.78
- 05.6217.14
- 05.6217.AP

Dali 2

- 05.6217.40.DA
- 05.6217.40.YU
- 05.6217.14.DA
- 05.6217.AP.DA

Casambi

- 05.6217.40.CB
- 05.6217.40.C6
- 05.6217.14.CB
- 05.6217.AP.CB

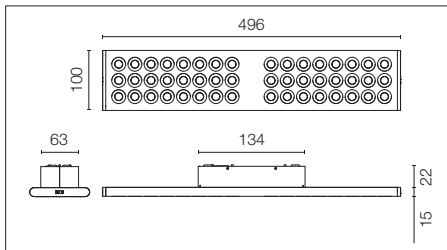


Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

PENDING

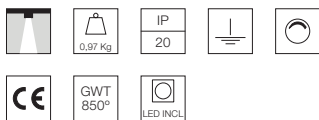
Workmates Surface Large

Light Source: Top LED High Efficiency 28W - 3634 lm - 3000K/CRI 90 / 3662 lm - 3500K/CRI 90 / 3717 lm - 4000K/CRI 90



Apparecchio di illuminazione a soffitto. Sorgente luminosa ad alto rendimento. Driver integrato. Versione *Casambi* disponibile per la regolazione senza fili. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Ceiling surface luminaire. High-efficiency light source. Integrated driver. *Casambi* version available for wireless control. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.



Optic Wide Flood - 3000K

Non Dimming

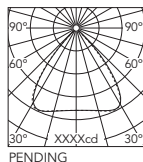
- 05.6220.40
- 05.6220.40.78
- 05.6220.14
- 05.6220.AP

Dali 2

- 05.6220.40.DA
- 05.6220.40.YU
- 05.6220.14.DA
- 05.6220.AP.DA

Casambi

- 05.6220.40.CB
- 05.6220.40.C6
- 05.6220.14.CB
- 05.6220.AP.CB



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Optic Oval - 3000K

Non Dimming

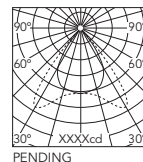
- 05.6225.40
- 05.6225.40.78
- 05.6225.14
- 05.6225.AP

Dali 2

- 05.6225.40.DA
- 05.6225.40.YU
- 05.6225.14.DA
- 05.6225.AP.DA

Casambi

- 05.6225.40.CB
- 05.6225.40.C6
- 05.6225.14.CB
- 05.6225.AP.CB



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Optic Wide Flood - 3500K

Non Dimming

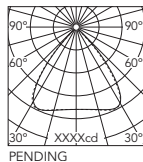
- 05.6221.40
- 05.6221.40.78
- 05.6221.14
- 05.6221.AP

Dali 2

- 05.6221.40.DA
- 05.6221.40.YU
- 05.6221.14.DA
- 05.6221.AP.DA

Casambi

- 05.6221.40.CB
- 05.6221.40.C6
- 05.6221.14.CB
- 05.6221.AP.CB



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Optic Oval - 3500K

Non Dimming

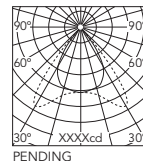
- 05.6226.40
- 05.6226.40.78
- 05.6226.14
- 05.6226.AP

Dali 2

- 05.6226.40.DA
- 05.6226.40.YU
- 05.6226.14.DA
- 05.6226.AP.DA

Casambi

- 05.6226.40.CB
- 05.6226.40.C6
- 05.6226.14.CB
- 05.6226.AP.CB



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Optic Wide Flood - 4000K

Non Dimming

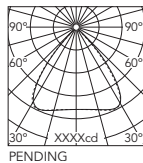
- 05.6222.40
- 05.6222.40.78
- 05.6222.14
- 05.6222.AP

Dali 2

- 05.6222.40.DA
- 05.6222.40.YU
- 05.6222.14.DA
- 05.6222.AP.DA

Casambi

- 05.6222.40.CB
- 05.6222.40.C6
- 05.6222.14.CB
- 05.6222.AP.CB



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

Optic Oval - 4000K

Non Dimming

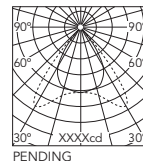
- 05.6227.40
- 05.6227.40.78
- 05.6227.14
- 05.6227.AP

Dali 2

- 05.6227.40.DA
- 05.6227.40.YU
- 05.6227.14.DA
- 05.6227.AP.DA

Casambi

- 05.6227.40.CB
- 05.6227.40.C6
- 05.6227.14.CB
- 05.6227.AP.CB



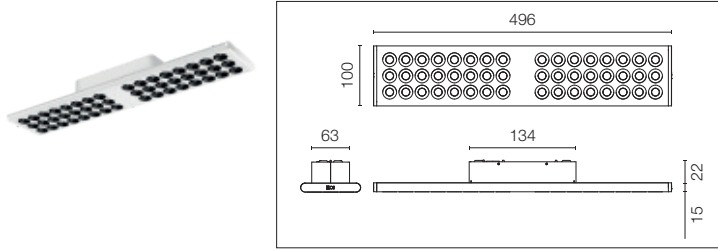
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

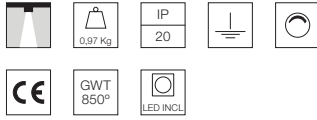
Workmates Surface Large

Light Source: Top LED Full Spectrum 28W - 2691 lm - 3000K/CRI 98 / 2714 lm - 3500K/CRI 98 / 2737 lm - 4000K/CRI 98



Apparecchio di illuminazione a soffitto. Sorgente luminosa Full Spectrum di elevata qualità nella resa cromatica. Driver integrato. Versione Casambi disponibile per la regolazione senza fili. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

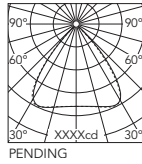
Ceiling surface luminaire. High-quality colour rendering Full Spectrum light source. Integrated driver. Casambi version available for wireless control. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.



Optic Wide Flood - 3000K

Non Dimming

- 05.6230.40
- 05.6230.40.78
- 05.6230.14
- 05.6230.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6230.40.DA
- 05.6230.40.YU
- 05.6230.14.DA
- 05.6230.AP.DA

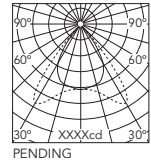
Casambi

- 05.6230.40.CB
- 05.6230.40.C6
- 05.6230.14.CB
- 05.6230.AP.CB

Optic Oval - 3000K

Non Dimming

- 05.6235.40
- 05.6235.40.78
- 05.6235.14
- 05.6235.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6235.40.DA
- 05.6235.40.YU
- 05.6235.14.DA
- 05.6235.AP.DA

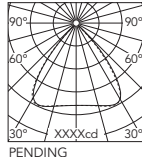
Casambi

- 05.6235.40.CB
- 05.6235.40.C6
- 05.6235.14.CB
- 05.6235.AP.CB

Optic Wide Flood - 3500K

Non Dimming

- 05.6231.40
- 05.6231.40.78
- 05.6231.14
- 05.6231.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6231.40.DA
- 05.6231.40.YU
- 05.6231.14.DA
- 05.6231.AP.DA

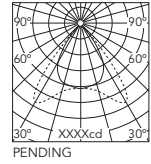
Casambi

- 05.6231.40.CB
- 05.6231.40.C6
- 05.6231.14.CB
- 05.6231.AP.CB

Optic Oval - 3500K

Non Dimming

- 05.6236.40
- 05.6236.40.78
- 05.6236.14
- 05.6236.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6236.40.DA
- 05.6236.40.YU
- 05.6236.14.DA
- 05.6236.AP.DA

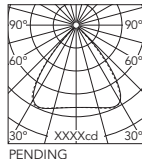
Casambi

- 05.6236.40.CB
- 05.6236.40.C6
- 05.6236.14.CB
- 05.6236.AP.CB

Optic Wide Flood - 4000K

Non Dimming

- 05.6232.40
- 05.6232.40.78
- 05.6232.14
- 05.6232.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6232.40.DA
- 05.6232.40.YU
- 05.6232.14.DA
- 05.6232.AP.DA

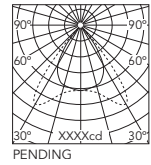
Casambi

- 05.6232.40.CB
- 05.6232.40.C6
- 05.6232.14.CB
- 05.6232.AP.CB

Optic Oval - 4000K

Non Dimming

- 05.6237.40
- 05.6237.40.78
- 05.6237.14
- 05.6237.AP



Beam Angle: XX°	h(m)	E(lx)	D(m)
1	XXX	XX	
2	XXX	XX	
3	XXX	XX	
4	XXX	XX	
5	XXX	XX	

Dali 2

- 05.6237.40.DA
- 05.6237.40.YU
- 05.6237.14.DA
- 05.6237.AP.DA

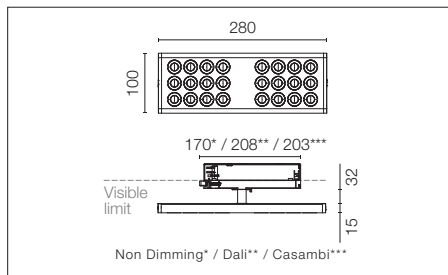
Casambi

- 05.6237.40.CB
- 05.6237.40.C6
- 05.6237.14.CB
- 05.6237.AP.CB

## Workmates Track Small

## Light Source: Power LED High Efficiency

Non Dimming: 15,5W - 1817 lm - 3000K/CRI 90 / 1831 lm - 3500K/CRI 90 / 1858 lm - 4000K/CRI 90  
 Dali 2 / Casambi: 15W - 1817 lm - 3000K/CRI 90 / 1831 lm - 3500K/CRI 90 / 1858 lm - 4000K/CRI 90



Apparecchio di illuminazione per applicazione a binario trifase, dotato di adattatore per il controllo No Dim, Dali e Casambi (senza fili). Sorgente luminosa ad alto rendimento. Disponibile anche nella versione per The Running Magnet. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19.

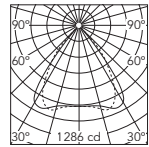
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Luminaire for use on a three-phase track, with adapters for No Dim, Dali and Casambi (wireless) control. High-efficiency light source. Also available in a The Running Magnet version. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

## Optic Wide Flood - 3000K

Non Dimming

- 05.6240.40
- 05.6240.40.78
- 05.6240.14
- 05.6240.AP



Beam Angle: 76°	h(m)	EI(x)	D(m)
1	1143	1.55	
2	286	3.10	
3	127	4.66	
4	71	6.21	
5	46	7.76	

Luminous flux luminaire  
1768 lm

Dali 2

- 05.6240.40.DA
- 05.6240.40.YU
- 05.6240.14.DA
- 05.6240.AP.DA

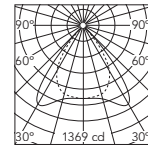
Casambi

- 05.6240.40.CB
- 05.6240.40.C6
- 05.6240.14.CB
- 05.6240.AP.CB

## Optic Oval - 3000K

Non Dimming

- 05.6245.40
- 05.6245.40.78
- 05.6245.14
- 05.6245.AP



Beam Angle: 80°	h(m)	EI(x)	D(m)
1	1096	1.67	
2	274	3.34	
3	122	5.00	
4	68	6.67	
5	44	8.34	

Luminous flux luminaire  
1720 lm

Dali 2

- 05.6245.40.DA
- 05.6245.40.YU
- 05.6245.14.DA
- 05.6245.AP.DA

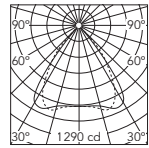
Casambi

- 05.6245.40.CB
- 05.6245.40.C6
- 05.6245.14.CB
- 05.6245.AP.CB

## Optic Wide Flood - 3500K

Non Dimming

- 05.6241.40
- 05.6241.40.78
- 05.6241.14
- 05.6241.AP



Beam Angle: 76°	h(m)	EI(x)	D(m)
1	1146	1.55	
2	286	3.10	
3	127	4.66	
4	72	6.21	
5	46	7.76	

Luminous flux luminaire  
1773 lm

Dali 2

- 05.6241.40.DA
- 05.6241.40.YU
- 05.6241.14.DA
- 05.6241.AP.DA

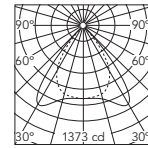
Casambi

- 05.6241.40.CB
- 05.6241.40.C6
- 05.6241.14.CB
- 05.6241.AP.CB

## Optic Oval - 3500K

Non Dimming

- 05.6246.40
- 05.6246.40.78
- 05.6246.14
- 05.6246.AP



Beam Angle: 80°	h(m)	EI(x)	D(m)
1	1099	1.67	
2	275	3.34	
3	122	5.00	
4	69	6.67	
5	44	8.34	

Luminous flux luminaire  
1725 lm

Dali 2

- 05.6246.40.DA
- 05.6246.40.YU
- 05.6246.14.DA
- 05.6246.AP.DA

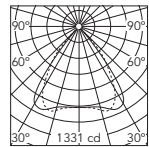
Casambi

- 05.6246.40.CB
- 05.6246.40.C6
- 05.6246.14.CB
- 05.6246.AP.CB

## Optic Wide Flood - 4000K

Non Dimming

- 05.6242.40
- 05.6242.40.78
- 05.6242.14
- 05.6242.AP



Beam Angle: 76°	h(m)	EI(x)	D(m)
1	1183	1.55	
2	296	3.10	
3	131	4.66	
4	74	6.21	
5	47	7.76	

Luminous flux luminaire  
1830 lm

Dali 2

- 05.6242.40.DA
- 05.6242.40.YU
- 05.6242.14.DA
- 05.6242.AP.DA

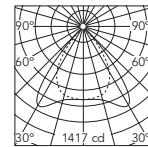
Casambi

- 05.6242.40.CB
- 05.6242.40.C6
- 05.6242.14.CB
- 05.6242.AP.CB

## Optic Oval - 4000K

Non Dimming

- 05.6247.40
- 05.6247.40.78
- 05.6247.14
- 05.6247.AP



Beam Angle: 80°	h(m)	EI(x)	D(m)
1	1134	1.67	
2	283	3.34	
3	126	5.00	
4	71	6.67	
5	45	8.34	

Luminous flux luminaire  
1780 lm

Dali 2

- 05.6247.40.DA
- 05.6247.40.YU
- 05.6247.14.DA
- 05.6247.AP.DA

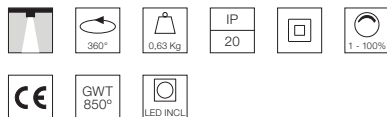
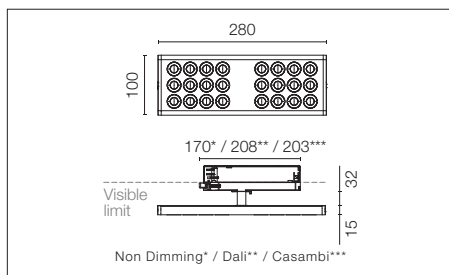
Casambi

- 05.6247.40.CB
- 05.6247.40.C6
- 05.6247.14.CB
- 05.6247.AP.CB

Workmates Track Small

Light Source: Power LED Full Spectrum

Non Dimming: 15,5W - 1346 lm - 3000K/CRI 98 / 1357 lm - 3500K/CRI 98 / 1369 lm - 4000K/CRI 98  
 Dali 2 / Casambi: 15W - 1346 lm - 3000K/CRI 98 / 1357 lm - 3500K/CRI 98 / 1369 lm - 4000K/CRI 98



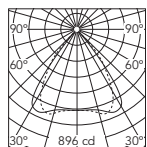
Apparecchio di illuminazione per applicazione a binario trifase, dotato di adattatore per il controllo No Dim, Dali e Casambi (senza fili). Sorgente luminosa Full Spectrum di elevata qualità nella resa cromatica. Disponibile anche nella versione per The Running Magnet. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Luminaire for use on a three-phase track, with adapters for No Dim, Dali and Casambi (wireless) control. High-quality colour rendering Full Spectrum light source. Also available in a The Running Magnet version. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming

- 05.6250.40
- 05.6250.40.78
- 05.6250.14
- 05.6250.AP



Beam Angle: 76°

h(m)	EI(x)	D(m)
1	796	1.55
2	199	3.10
3	88	4.66
4	50	6.21
5	32	7.76

Luminous flux luminaire 1231 lm

Dali 2

- 05.6250.40.DA
- 05.6250.40.YU
- 05.6250.14.DA
- 05.6250.AP.DA

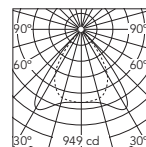
Casambi

- 05.6250.40.CB
- 05.6250.40.C6
- 05.6250.14.CB
- 05.6250.AP.CB

Optic Oval - 3000K

Non Dimming

- 05.6255.40
- 05.6255.40.78
- 05.6255.14
- 05.6255.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	759	1.67
2	190	3.34
3	84	5.00
4	47	6.67
5	30	8.34

Luminous flux luminaire 1192 lm

Dali 2

- 05.6255.40.DA
- 05.6255.40.YU
- 05.6255.14.DA
- 05.6255.AP.DA

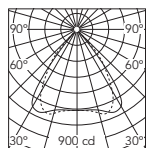
Casambi

- 05.6255.40.CB
- 05.6255.40.C6
- 05.6255.14.CB
- 05.6255.AP.CB

Optic Wide Flood - 3500K

Non Dimming

- 05.6251.40
- 05.6251.40.78
- 05.6251.14
- 05.6251.AP



Beam Angle: 76°

h(m)	EI(x)	D(m)
1	800	1.55
2	200	3.10
3	89	4.66
4	50	6.21
5	32	7.76

Luminous flux luminaire 1238 lm

Dali 2

- 05.6251.40.DA
- 05.6251.40.YU
- 05.6251.14.DA
- 05.6251.AP.DA

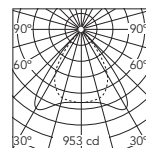
Casambi

- 05.6251.40.CB
- 05.6251.40.C6
- 05.6251.14.CB
- 05.6251.AP.CB

Optic Oval - 3500K

Non Dimming

- 05.6256.40
- 05.6256.40.78
- 05.6256.14
- 05.6256.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	763	1.67
2	191	3.34
3	85	5.00
4	48	6.67
5	31	8.34

Luminous flux luminaire 1198 lm

Dali 2

- 05.6256.40.DA
- 05.6256.40.YU
- 05.6256.14.DA
- 05.6256.AP.DA

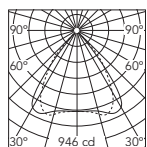
Casambi

- 05.6256.40.CB
- 05.6256.40.C6
- 05.6256.14.CB
- 05.6256.AP.CB

Optic Wide Flood - 4000K

Non Dimming

- 05.6252.40
- 05.6252.40.78
- 05.6252.14
- 05.6252.AP



Beam Angle: 76°

h(m)	EI(x)	D(m)
1	840	1.55
2	210	3.10
3	93	4.66
4	53	6.21
5	34	7.76

Luminous flux luminaire 1300 lm

Dali 2

- 05.6252.40.DA
- 05.6252.40.YU
- 05.6252.14.DA
- 05.6252.AP.DA

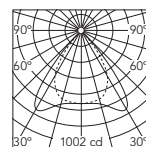
Casambi

- 05.6252.40.CB
- 05.6252.40.C6
- 05.6252.14.CB
- 05.6252.AP.CB

Optic Oval - 4000K

Non Dimming

- 05.6257.40
- 05.6257.40.78
- 05.6257.14
- 05.6257.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	802	1.67
2	200	3.34
3	89	5.00
4	50	6.67
5	32	8.34

Luminous flux luminaire 1259 lm

Dali 2

- 05.6257.40.DA
- 05.6257.40.YU
- 05.6257.14.DA
- 05.6257.AP.DA

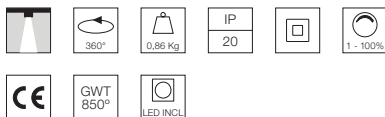
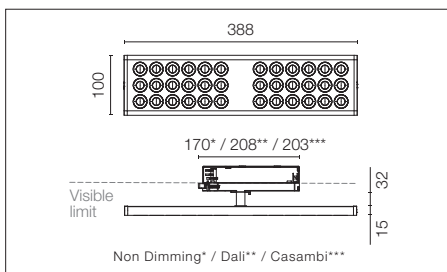
Casambi

- 05.6257.40.CB
- 05.6257.40.C6
- 05.6257.14.CB
- 05.6257.AP.CB

Workmates Track Large

Light Source: Power LED High Efficiency

Non Dimming: 21W - 2726 lm - 3000K/CRI 90 / 2758 lm - 3500K/CRI 90 / 2786 lm - 4000K/CRI 90  
 Dali 2 / Casambi: 22W - 2726 lm - 3000K/CRI 90 / 2758 lm - 3500K/CRI 90 / 2786 lm - 4000K/CRI 90



Apparecchio di illuminazione per applicazione a binario trifase, dotato di adattatore per il controllo No Dim, Dali e Casambi (senza fili). Sorgente luminosa ad alto rendimento. Disponibile anche nella versione per The Running Magnet. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19.

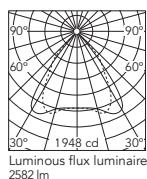
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Luminaire for use on a three-phase track, with adapters for No Dim, Dali and Casambi (wireless) control. High-efficiency light source. Also available in a The Running Magnet version. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming

- 05.6260.40
- 05.6260.40.78
- 05.6260.14
- 05.6260.AP



Beam Angle: 76°

h(m)	EI(x)	D(m)
1	1634	1.57
2	409	3.13
3	182	4.70
4	102	6.26
5	65	7.83

Luminous flux luminaire 2582 lm

Dali 2

- 05.6260.40.DA
- 05.6260.40.YU
- 05.6260.14.DA
- 05.6260.AP.DA

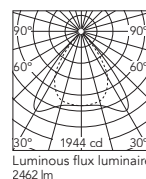
Casambi

- 05.6260.40.CB
- 05.6260.40.C6
- 05.6260.14.CB
- 05.6260.AP.CB

Optic Oval - 3000K

Non Dimming

- 05.6265.40
- 05.6265.40.78
- 05.6265.14
- 05.6265.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	1577	1.68
2	394	3.36
3	175	5.03
4	99	6.71
5	63	8.39

Luminous flux luminaire 2462 lm

Dali 2

- 05.6265.40.DA
- 05.6265.40.YU
- 05.6265.14.DA
- 05.6265.AP.DA

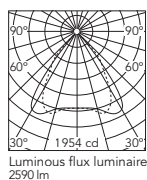
Casambi

- 05.6265.40.CB
- 05.6265.40.C6
- 05.6265.14.CB
- 05.6265.AP.CB

Optic Wide Flood - 3500K

Non Dimming

- 05.6261.40
- 05.6261.40.78
- 05.6261.14
- 05.6261.AP



Beam Angle: 76°

h(m)	EI(x)	D(m)
1	1639	1.57
2	410	3.13
3	182	4.70
4	102	6.26
5	66	7.83

Luminous flux luminaire 2590 lm

Dali 2

- 05.6261.40.DA
- 05.6261.40.YU
- 05.6261.14.DA
- 05.6261.AP.DA

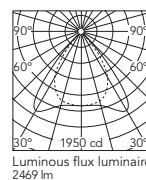
Casambi

- 05.6261.40.CB
- 05.6261.40.C6
- 05.6261.14.CB
- 05.6261.AP.CB

Optic Oval - 3500K

Non Dimming

- 05.6266.40
- 05.6266.40.78
- 05.6266.14
- 05.6266.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	1582	1.68
2	395	3.36
3	176	5.03
4	99	6.71
5	63	8.39

Luminous flux luminaire 2469 lm

Dali 2

- 05.6266.40.DA
- 05.6266.40.YU
- 05.6266.14.DA
- 05.6266.AP.DA

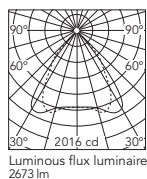
Casambi

- 05.6266.40.CB
- 05.6266.40.C6
- 05.6266.14.CB
- 05.6266.AP.CB

Optic Wide Flood - 4000K

Non Dimming

- 05.6262.40
- 05.6262.40.78
- 05.6262.14
- 05.6262.AP



Beam Angle: 76°

h(m)	EI(x)	D(m)
1	1692	1.57
2	423	3.13
3	188	4.70
4	106	6.26
5	68	7.83

Luminous flux luminaire 2673 lm

Dali 2

- 05.6262.40.DA
- 05.6262.40.YU
- 05.6262.14.DA
- 05.6262.AP.DA

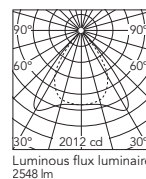
Casambi

- 05.6262.40.CB
- 05.6262.40.C6
- 05.6262.14.CB
- 05.6262.AP.CB

Optic Oval - 4000K

Non Dimming

- 05.6267.40
- 05.6267.40.78
- 05.6267.14
- 05.6267.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	1632	1.68
2	408	3.36
3	181	5.03
4	102	6.71
5	65	8.39

Luminous flux luminaire 2548 lm

Dali 2

- 05.6267.40.DA
- 05.6267.40.YU
- 05.6267.14.DA
- 05.6267.AP.DA

Casambi

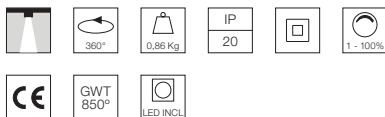
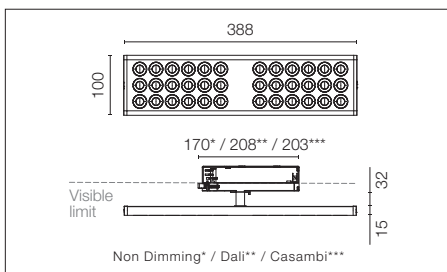
- 05.6267.40.CB
- 05.6267.40.C6
- 05.6267.14.CB
- 05.6267.AP.CB



Workmates Track Large

Light Source: Power LED Full Spectrum

Non Dimming: 21W - 2018 lm - 3000K/CRI 98 / 2036 lm - 3500K/CRI 98 / 2053 lm - 4000K/CRI 98  
 Dali 2 / Casambi: 22W - 2018 lm - 3000K/CRI 98 / 2036 lm - 3500K/CRI 98 / 2053 lm - 4000K/CRI 98



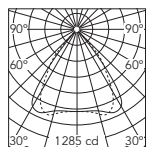
Apparecchio di illuminazione per applicazione a binario trifase, dotato di adattatore per il controllo No Dim, Dali e Casambi (senza fili). Sorgente luminosa Full Spectrum di elevata qualità nella resa cromatica. Disponibile anche nella versione per The Running Magnet. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Luminaire for use on a three-phase track, with adapters for No Dim, Dali and Casambi (wireless) control. High-quality colour rendering Full Spectrum light source. Also available in a The Running Magnet version. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming

- 05.6270.40
- 05.6270.40.78
- 05.6270.14
- 05.6270.AP



Beam Angle: 75°

h(m)	EI(x)	D(m)
1	1155	1.55
2	289	3.09
3	128	4.64
4	72	6.18
5	46	7.73

Luminous flux luminaire 1285 cd

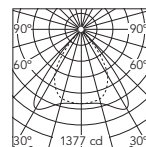
- Dali 2
- 05.6270.40.DA
  - 05.6270.40.YU
  - 05.6270.14.DA
  - 05.6270.AP.DA

- Casambi
- 05.6270.40.CB
  - 05.6270.40.C6
  - 05.6270.14.CB
  - 05.6270.AP.CB

Optic Oval - 3000K

Non Dimming

- 05.6275.40
- 05.6275.40.78
- 05.6275.14
- 05.6275.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	1117	1.68
2	279	3.36
3	124	5.03
4	70	6.71
5	45	8.39

Luminous flux luminaire 1377 cd

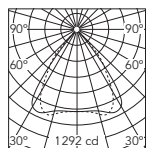
- Dali 2
- 05.6275.40.DA
  - 05.6275.40.YU
  - 05.6275.14.DA
  - 05.6275.AP.DA

- Casambi
- 05.6275.40.CB
  - 05.6275.40.C6
  - 05.6275.14.CB
  - 05.6275.AP.CB

Optic Wide Flood - 3500K

Non Dimming

- 05.6271.40
- 05.6271.40.78
- 05.6271.14
- 05.6271.AP



Beam Angle: 75°

h(m)	EI(x)	D(m)
1	1160	1.55
2	290	3.09
3	129	4.64
4	73	6.18
5	46	7.73

Luminous flux luminaire 1292 cd

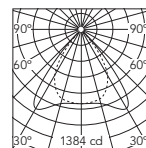
- Dali 2
- 05.6271.40.DA
  - 05.6271.40.YU
  - 05.6271.14.DA
  - 05.6271.AP.DA

- Casambi
- 05.6271.40.CB
  - 05.6271.40.C6
  - 05.6271.14.CB
  - 05.6271.AP.CB

Optic Oval - 3500K

Non Dimming

- 05.6276.40
- 05.6276.40.78
- 05.6276.14
- 05.6276.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	1123	1.68
2	281	3.36
3	125	5.03
4	70	6.71
5	45	8.39

Luminous flux luminaire 1384 cd

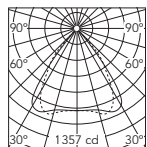
- Dali 2
- 05.6276.40.DA
  - 05.6276.40.YU
  - 05.6276.14.DA
  - 05.6276.AP.DA

- Casambi
- 05.6276.40.CB
  - 05.6276.40.C6
  - 05.6276.14.CB
  - 05.6276.AP.CB

Optic Wide Flood - 4000K

Non Dimming

- 05.6272.40
- 05.6272.40.78
- 05.6272.14
- 05.6272.AP



Beam Angle: 75°

h(m)	EI(x)	D(m)
1	1219	1.55
2	305	3.09
3	135	4.64
4	76	6.18
5	49	7.73

Luminous flux luminaire 1357 cd

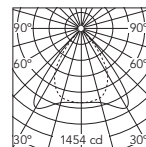
- Dali 2
- 05.6272.40.DA
  - 05.6272.40.YU
  - 05.6272.14.DA
  - 05.6272.AP.DA

- Casambi
- 05.6272.40.CB
  - 05.6272.40.C6
  - 05.6272.14.CB
  - 05.6272.AP.CB

Optic Oval - 4000K

Non Dimming

- 05.6277.40
- 05.6277.40.78
- 05.6277.14
- 05.6277.AP



Beam Angle: 80°

h(m)	EI(x)	D(m)
1	1180	1.68
2	295	3.36
3	131	5.03
4	74	6.71
5	47	8.39

Luminous flux luminaire 1454 cd

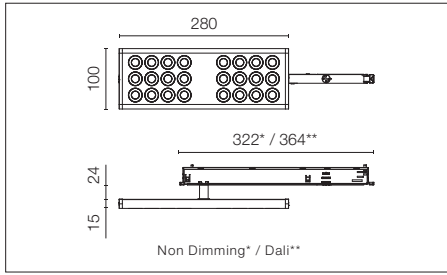
- Dali 2
- 05.6277.40.DA
  - 05.6277.40.YU
  - 05.6277.14.DA
  - 05.6277.AP.DA

- Casambi
- 05.6277.40.CB
  - 05.6277.40.C6
  - 05.6277.14.CB
  - 05.6277.AP.CB

**Workmates In-Track Small**

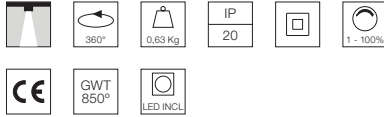
**Light Source:** Power LED High Efficiency

Non Dimming: 15,5W - 1817 lm - 3000K/CRI 90 / 1831 lm - 3500K/CRI 90 / 1858 lm - 4000K/CRI 90  
 Dali 2 / Casambi: 15W - 1817 lm - 3000K/CRI 90 / 1831 lm - 3500K/CRI 90 / 1858 lm - 4000K/CRI 90



Apparecchio di illuminazione per applicazione a binario trifase, dotato di adattatore per il controllo No Dim e Dali. Sorgente luminosa *Full Spectrum* di elevata qualità nella resa cromatica. Disponibile anche nella versione per The Running Magnet. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

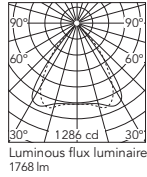
Luminaire for use on a three-phase track, with adapters for No Dim and Dali control. High-efficiency light source. Also available in a The Running Magnet version. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.



**Optic Wide Flood - 3000K**

Non Dimming

- 05.6280.40
- 05.6280.40.78
- 05.6280.14
- 05.6280.AP



Beam Angle: 76°

h(m)	E(lx)	D(m)
1	1143	1.55
2	286	3.10
3	127	4.66
4	71	6.21
5	46	7.76

Luminous flux luminaire 1286 cd

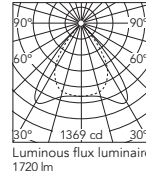
Dali 2

- 05.6280.40.DA
- 05.6280.40.YU
- 05.6280.14.DA
- 05.6280.AP.DA

**Optic Oval - 3000K**

Non Dimming

- 05.6285.40
- 05.6285.40.78
- 05.6285.14
- 05.6285.AP



Beam Angle: 80°

h(m)	E(lx)	D(m)
1	1096	1.67
2	274	3.34
3	122	5.00
4	68	6.67
5	44	8.34

Luminous flux luminaire 1369 cd

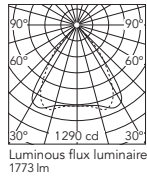
Dali 2

- 05.6285.40.DA
- 05.6285.40.YU
- 05.6285.14.DA
- 05.6285.AP.DA

**Optic Wide Flood - 3500K**

Non Dimming

- 05.6281.40
- 05.6281.40.78
- 05.6281.14
- 05.6281.AP



Beam Angle: 76°

h(m)	E(lx)	D(m)
1	1146	1.55
2	286	3.10
3	127	4.66
4	72	6.21
5	46	7.76

Luminous flux luminaire 1290 cd

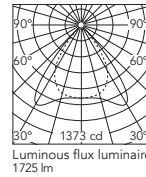
Dali 2

- 05.6281.40.DA
- 05.6281.40.YU
- 05.6281.14.DA
- 05.6281.AP.DA

**Optic Oval - 3500K**

Non Dimming

- 05.6286.40
- 05.6286.40.78
- 05.6286.14
- 05.6286.AP



Beam Angle: 80°

h(m)	E(lx)	D(m)
1	1099	1.67
2	275	3.34
3	122	5.00
4	69	6.67
5	44	8.34

Luminous flux luminaire 1373 cd

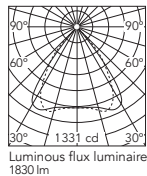
Dali 2

- 05.6286.40.DA
- 05.6286.40.YU
- 05.6286.14.DA
- 05.6286.AP.DA

**Optic Wide Flood - 4000K**

Non Dimming

- 05.6282.40
- 05.6282.40.78
- 05.6282.14
- 05.6282.AP



Beam Angle: 76°

h(m)	E(lx)	D(m)
1	1183	1.55
2	296	3.10
3	131	4.66
4	74	6.21
5	47	7.76

Luminous flux luminaire 1331 cd

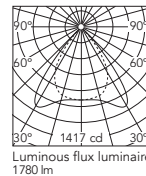
Dali 2

- 05.6282.40.DA
- 05.6282.40.YU
- 05.6282.14.DA
- 05.6282.AP.DA

**Optic Oval - 4000K**

Non Dimming

- 05.6287.40
- 05.6287.40.78
- 05.6287.14
- 05.6287.AP



Beam Angle: 80°

h(m)	E(lx)	D(m)
1	1134	1.67
2	283	3.34
3	126	5.00
4	71	6.67
5	45	8.34

Luminous flux luminaire 1417 cd

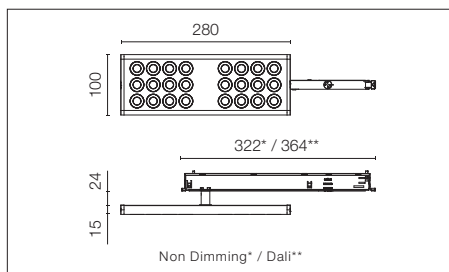
Dali 2

- 05.6287.40.DA
- 05.6287.40.YU
- 05.6287.14.DA
- 05.6287.AP.DA

**Workmates In-Track Small**

**Light Source:** Power LED Full Spectrum

Non Dimming: 15,5W - 1346 lm - 3000K/CRI 98 / 1357 lm - 3500K/CRI 98 / 1369 lm - 4000K/CRI 98  
 Dali 2 / Casambi: 15W - 1346 lm - 3000K/CRI 98 / 1357 lm - 3500K/CRI 98 / 1369 lm - 4000K/CRI 98



Apparecchio di illuminazione per applicazione a binario trifase, dotato di adattatore per il controllo No Dim e Dali. Sorgente luminosa *Full Spectrum* di elevata qualità nella resa cromatica. Disponibile anche nella versione per The Running Magnet. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

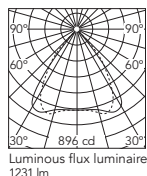
Luminaire for use on a three-phase track, with adapters for No Dim and Dali control. High-quality colour rendering *Full Spectrum* light source. Also available in a The Running Magnet version. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.



**Optic Wide Flood - 3000K**

Non Dimming

- 05.6290.40
- 05.6290.40.78
- 05.6290.14
- 05.6290.AP



Beam Angle: 76°

h(m)	E(lx)	D(m)
1	796	1.55
2	199	3.10
3	88	4.66
4	50	6.21
5	32	7.76

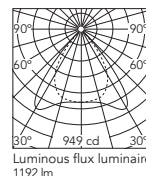
Dali 2

- 05.6290.40.DA
- 05.6290.40.YU
- 05.6290.14.DA
- 05.6290.AP.DA

**Optic Oval - 3000K**

Non Dimming

- 05.6295.40
- 05.6295.40.78
- 05.6295.14
- 05.6295.AP



Beam Angle: 80°

h(m)	E(lx)	D(m)
1	759	1.67
2	190	3.34
3	84	5.00
4	47	6.67
5	30	8.34

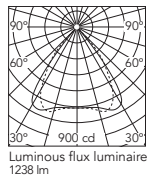
Dali 2

- 05.6295.40.DA
- 05.6295.40.YU
- 05.6295.14.DA
- 05.6295.AP.DA

**Optic Wide Flood - 3500K**

Non Dimming

- 05.6291.40
- 05.6291.40.78
- 05.6291.14
- 05.6291.AP



Beam Angle: 76°

h(m)	E(lx)	D(m)
1	800	1.55
2	200	3.10
3	89	4.66
4	50	6.21
5	32	7.76

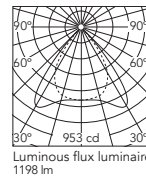
Dali 2

- 05.6291.40.DA
- 05.6291.40.YU
- 05.6291.14.DA
- 05.6291.AP.DA

**Optic Oval - 3500K**

Non Dimming

- 05.6296.40
- 05.6296.40.78
- 05.6296.14
- 05.6296.AP



Beam Angle: 80°

h(m)	E(lx)	D(m)
1	763	1.67
2	191	3.34
3	85	5.00
4	48	6.67
5	31	8.34

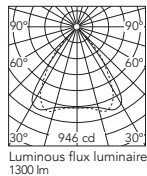
Dali 2

- 05.6296.40.DA
- 05.6296.40.YU
- 05.6296.14.DA
- 05.6296.AP.DA

**Optic Wide Flood - 4000K**

Non Dimming

- 05.6292.40
- 05.6292.40.78
- 05.6292.14
- 05.6292.AP



Beam Angle: 76°

h(m)	E(lx)	D(m)
1	840	1.55
2	210	3.10
3	93	4.66
4	53	6.21
5	34	7.76

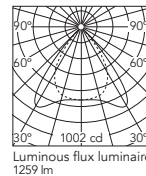
Dali 2

- 05.6292.40.DA
- 05.6292.40.YU
- 05.6292.14.DA
- 05.6292.AP.DA

**Optic Oval - 4000K**

Non Dimming

- 05.6297.40
- 05.6297.40.78
- 05.6297.14
- 05.6297.AP



Beam Angle: 80°

h(m)	E(lx)	D(m)
1	802	1.67
2	200	3.34
3	89	5.00
4	50	6.67
5	32	8.34

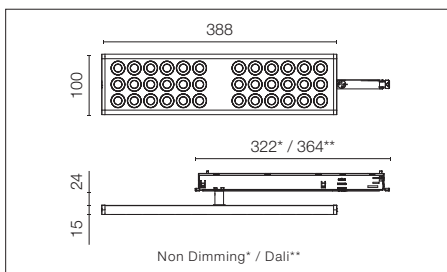
Dali 2

- 05.6297.40.DA
- 05.6297.40.YU
- 05.6297.14.DA
- 05.6297.AP.DA

## Workmates In-Track Large

## Light Source: Power LED High Efficiency

Non Dimming: 21W - 2726 lm - 3000K/CRI 90 / 2758 lm - 3500K/CRI 90 / 2786 lm - 4000K/CRI 90  
 Dali 2 / Casambi: 22W - 2726 lm - 3000K/CRI 90 / 2758 lm - 3500K/CRI 90 / 2786 lm - 4000K/CRI 90



Apparecchio di illuminazione per applicazione a binario trifase, dotato di adattatore per il controllo No Dim e Dali. Sorgente luminosa *Full Spectrum* di elevata qualità nella resa cromatica. Disponibile anche nella versione per The Running Magnet. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Luminaire for use on a three-phase track, with adapters for No Dim and Dali control. High-efficiency light source. Also available in a The Running Magnet version. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

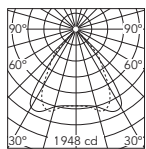
## Optic Wide Flood - 3000K

Non Dimming

- 05.6300.40
- 05.6300.40.78
- 05.6300.14
- 05.6300.AP



WIDE FLOOD



Luminous flux luminaire 2582 lm

Beam Angle: 76°

h(m)	E(lx)	D(m)
1	1634	1.57
2	409	3.13
3	182	4.70
4	102	6.26
5	65	7.83

Dali 2

- 05.6300.40.DA
- 05.6300.40.YU
- 05.6300.14.DA
- 05.6300.AP.DA

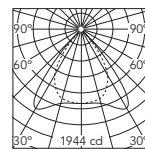
## Optic Oval - 3000K

Non Dimming

- 05.6305.40
- 05.6305.40.78
- 05.6305.14
- 05.6305.AP



OVAL



Luminous flux luminaire 2462 lm

Beam Angle: 80°

h(m)	E(lx)	D(m)
1	1577	1.68
2	394	3.36
3	175	5.03
4	99	6.71
5	63	8.39

Dali 2

- 05.6305.40.DA
- 05.6305.40.YU
- 05.6305.14.DA
- 05.6305.AP.DA

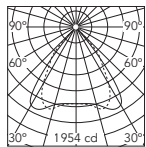
## Optic Wide Flood - 3500K

Non Dimming

- 05.6301.40
- 05.6301.40.78
- 05.6301.14
- 05.6301.AP



WIDE FLOOD



Luminous flux luminaire 2590 lm

Beam Angle: 76°

h(m)	E(lx)	D(m)
1	1639	1.57
2	410	3.13
3	182	4.70
4	102	6.26
5	66	7.83

Dali 2

- 05.6301.40.DA
- 05.6301.40.YU
- 05.6301.14.DA
- 05.6301.AP.DA

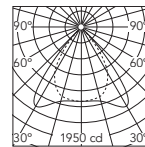
## Optic Oval - 3500K

Non Dimming

- 05.6306.40
- 05.6306.40.78
- 05.6306.14
- 05.6306.AP



OVAL



Luminous flux luminaire 2469 lm

Beam Angle: 80°

h(m)	E(lx)	D(m)
1	1582	1.68
2	395	3.36
3	176	5.03
4	99	6.71
5	63	8.39

Dali 2

- 05.6306.40.DA
- 05.6306.40.YU
- 05.6306.14.DA
- 05.6306.AP.DA

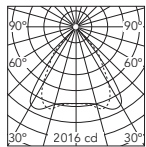
## Optic Wide Flood - 4000K

Non Dimming

- 05.6302.40
- 05.6302.40.78
- 05.6302.14
- 05.6302.AP



WIDE FLOOD



Luminous flux luminaire 2673 lm

Beam Angle: 76°

h(m)	E(lx)	D(m)
1	1692	1.57
2	423	3.13
3	188	4.70
4	106	6.26
5	68	7.83

Dali 2

- 05.6302.40.DA
- 05.6302.40.YU
- 05.6302.14.DA
- 05.6302.AP.DA

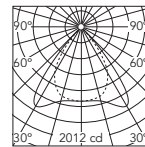
## Optic Oval - 4000K

Non Dimming

- 05.6307.40
- 05.6307.40.78
- 05.6307.14
- 05.6307.AP



OVAL



Luminous flux luminaire 2548 lm

Beam Angle: 80°

h(m)	E(lx)	D(m)
1	1632	1.68
2	408	3.36
3	181	5.03
4	102	6.71
5	65	8.39

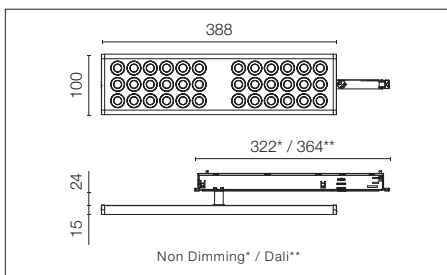
Dali 2

- 05.6307.40.DA
- 05.6307.40.YU
- 05.6307.14.DA
- 05.6307.AP.DA

**Workmates In-Track Large**

**Light Source:** Power LED Full Spectrum

Non Dimming: 21W - 2018 lm - 3000K/CRI 98 / 2036 lm - 3500K/CRI 98 / 2053 lm - 4000K/CRI 98  
 Dali 2 / Casambi: 22W - 2018 lm - 3000K/CRI 98 / 2036 lm - 3500K/CRI 98 / 2053 lm - 4000K/CRI 98



Apparecchio di illuminazione per applicazione a binario trifase, dotato di adattatore per il controllo No Dim e Dali. Sorgente luminosa *Full Spectrum* di elevata qualità nella resa cromatica. Disponibile anche nella versione per The Running Magnet. Può ruotare di 360° sull'asse del braccio posteriore per assumere qualsiasi posizione rispetto al binario (dalla posizione parallela a quella perpendicolare). UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

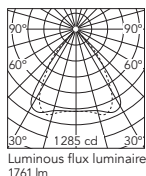
Luminaire for use on a three-phase track, with adapters for No Dim and Dali control. High-quality colour rendering *Full Spectrum* light source. Also available in a The Running Magnet version. This can rotate by 360° on the axis of its rear arm to reach any position relative to the track (from parallel to perpendicular). UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.



**Optic Wide Flood - 3000K**

Non Dimming

- 05.6310.40
- 05.6310.40.78
- 05.6310.14
- 05.6310.AP



Beam Angle: 75°

h(m)	E(lx)	D(m)
1	1155	1.55
2	289	3.09
3	128	4.64
4	72	6.18
5	46	7.73

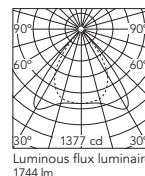
Dali 2

- 05.6310.40.DA
- 05.6310.40.YU
- 05.6310.14.DA
- 05.6310.AP.DA

**Optic Oval - 3000K**

Non Dimming

- 05.6315.40
- 05.6315.40.78
- 05.6315.14
- 05.6315.AP



Beam Angle: 80°

h(m)	E(lx)	D(m)
1	1117	1.68
2	279	3.36
3	124	5.03
4	70	6.71
5	45	8.39

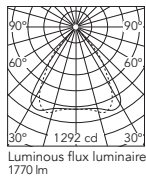
Dali 2

- 05.6315.40.DA
- 05.6315.40.YU
- 05.6315.14.DA
- 05.6315.AP.DA

**Optic Wide Flood - 3500K**

Non Dimming

- 05.6311.40
- 05.6311.40.78
- 05.6311.14
- 05.6311.AP



Beam Angle: 75°

h(m)	E(lx)	D(m)
1	1160	1.55
2	290	3.09
3	129	4.64
4	73	6.18
5	46	7.73

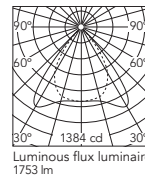
Dali 2

- 05.6311.40.DA
- 05.6311.40.YU
- 05.6311.14.DA
- 05.6311.AP.DA

**Optic Oval - 3500K**

Non Dimming

- 05.6316.40
- 05.6316.40.78
- 05.6316.14
- 05.6316.AP



Beam Angle: 80°

h(m)	E(lx)	D(m)
1	1123	1.68
2	281	3.36
3	125	5.03
4	70	6.71
5	45	8.39

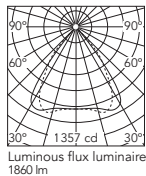
Dali 2

- 05.6316.40.DA
- 05.6316.40.YU
- 05.6316.14.DA
- 05.6316.AP.DA

**Optic Wide Flood - 4000K**

Non Dimming

- 05.6312.40
- 05.6312.40.78
- 05.6312.14
- 05.6312.AP



Beam Angle: 75°

h(m)	E(lx)	D(m)
1	1219	1.55
2	305	3.09
3	135	4.64
4	76	6.18
5	49	7.73

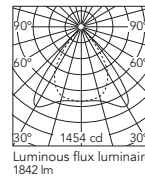
Dali 2

- 05.6312.40.DA
- 05.6312.40.YU
- 05.6312.14.DA
- 05.6312.AP.DA

**Optic Oval - 4000K**

Non Dimming

- 05.6317.40
- 05.6317.40.78
- 05.6317.14
- 05.6317.AP



Beam Angle: 80°

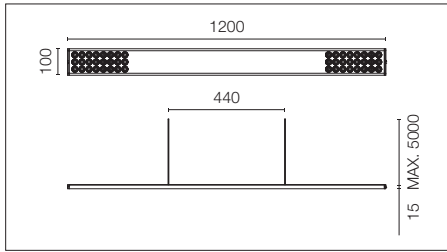
h(m)	E(lx)	D(m)
1	1180	1.68
2	295	3.36
3	131	5.03
4	74	6.71
5	47	8.39

Dali 2

- 05.6317.40.DA
- 05.6317.40.YU
- 05.6317.14.DA
- 05.6317.AP.DA

Workmates Suspension Down

Coming Soon: High Efficiency

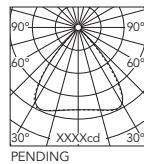
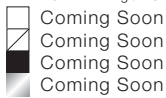


Apparecchio di illuminazione a sospensione. Emissione *Down*. Sorgente luminosa ad alto rendimento. Driver non incluso (Kit accessorio per driver remoto o a superficie). Sospensione ad altezza regolabile. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. *Down* emission. High-efficiency light source. Driver not included (accessory kit for remote or surface driver). Adjustable suspension height. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming / Dali 2

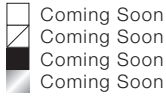


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

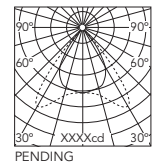
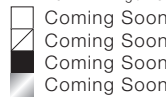
PENDING

Casambi



Optic Oval - 3000K

Non Dimming / Dali 2

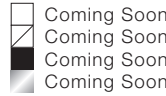


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

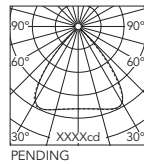
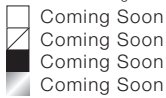
PENDING

Casambi



Optic Wide Flood - 3500K

Non Dimming / Dali 2

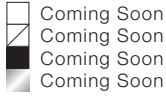


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

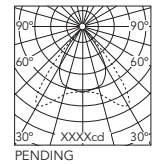
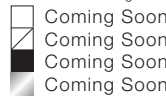
PENDING

Casambi



Optic Oval - 3500K

Non Dimming / Dali 2

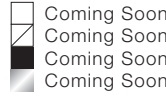


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

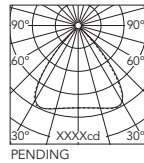
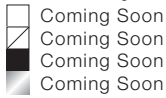
PENDING

Casambi



Optic Wide Flood - 4000K

Non Dimming / Dali 2

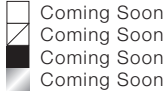


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

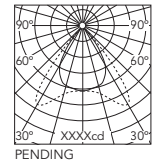
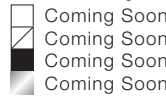
PENDING

Casambi



Optic Oval - 4000K

Non Dimming / Dali 2

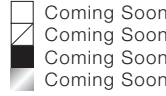


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

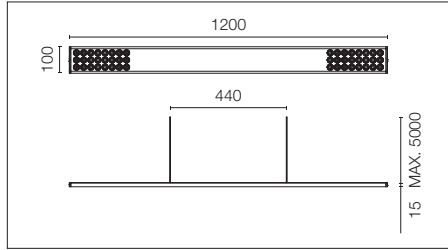
Casambi



# WORKMATES

## Workmates Suspension Down

Coming Soon: Full Spectrum

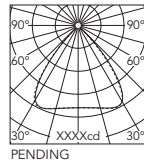
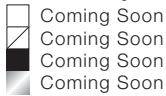


Apparecchio di illuminazione a sospensione. Emissione Down. Sorgente luminosa Full Spectrum di elevata qualità nella resa cromatica. Driver non incluso (Kit accessorio per driver remoto o a superficie). Sospensione ad altezza regolabile. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. Down emission. High-quality colour rendering Full Spectrum light source. Driver not included. Adjustable suspension height. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

### Optic Wide Flood - 3000K

Non Dimming / Dali 2

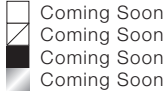


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX	XX
2	XXXX	XX
3	XXXX	XX
4	XXXX	XX
5	XXXX	XX

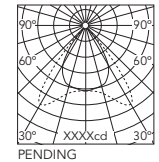
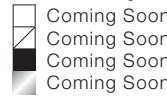
PENDING

Casambi



### Optic Oval - 3000K

Non Dimming / Dali 2

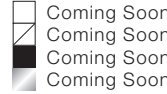


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX	XX
2	XXXX	XX
3	XXXX	XX
4	XXXX	XX
5	XXXX	XX

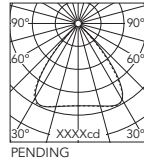
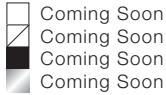
PENDING

Casambi



### Optic Wide Flood - 3500K

Non Dimming / Dali 2

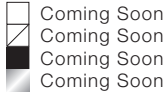


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX	XX
2	XXXX	XX
3	XXXX	XX
4	XXXX	XX
5	XXXX	XX

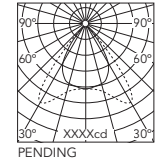
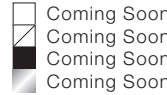
PENDING

Casambi



### Optic Oval - 3500K

Non Dimming / Dali 2

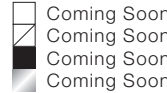


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX	XX
2	XXXX	XX
3	XXXX	XX
4	XXXX	XX
5	XXXX	XX

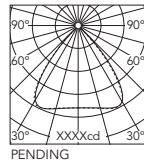
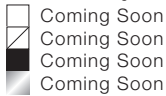
PENDING

Casambi



### Optic Wide Flood - 4000K

Non Dimming / Dali 2

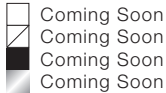


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX	XX
2	XXXX	XX
3	XXXX	XX
4	XXXX	XX
5	XXXX	XX

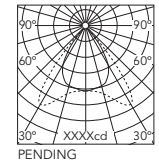
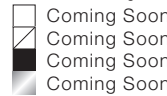
PENDING

Casambi



### Optic Oval - 4000K

Non Dimming / Dali 2

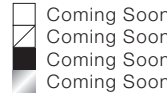


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX	XX
2	XXXX	XX
3	XXXX	XX
4	XXXX	XX
5	XXXX	XX

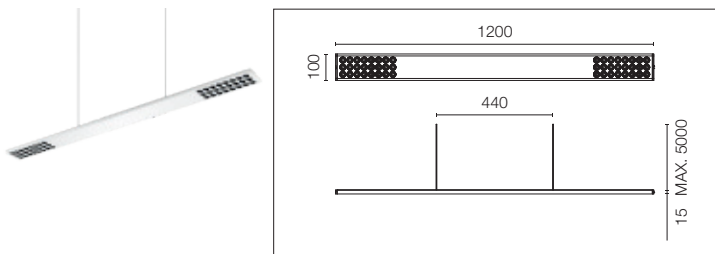
PENDING

Casambi



Workmates Suspension Up&Down

Coming Soon: Down: High Efficiency  
 Up Non Dimming 70/30: High Efficiency  
 Up Non Dimming 40/60: High Efficiency  
 Up Dali / Casambi: High Efficiency



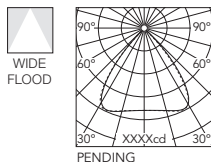
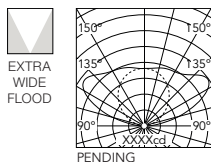
Apparecchio di illuminazione a sospensione. Emissione *Up&Down*. Sorgente luminosa ad alto rendimento. Driver non incluso (Kit accessorio per driver remoto o a superficie).  
 Per i modelli *Non Dimming* è possibile configurare il flusso luminoso *Up&Down* in rapporti 70/30 e 40/60 (seleziona il kit accessorio per il driver interessato). Sospensione ad altezza regolabile. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. *Up&Down* emission. High-efficiency light source. Driver not included (accessory kit for remote or surface driver).  
 For *Non Dimming* models, you can configure the *Up&Down* luminous flux in 70/30 and 40/60 ratios (select the accessory kit for the driver concerned). Adjustable suspension height. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

Optic Wide Flood - 3000K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

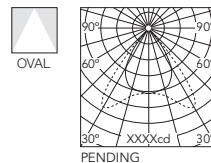
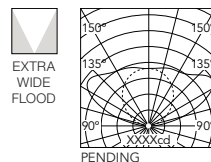


- Casambi
- Coming Soon
  - Coming Soon
  - Coming Soon
  - Coming Soon

Optic Oval - 3000K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

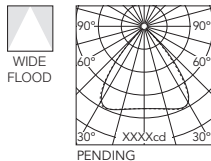
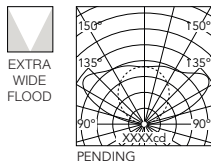


- Casambi
- Coming Soon
  - Coming Soon
  - Coming Soon
  - Coming Soon

Optic Wide Flood - 3500K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

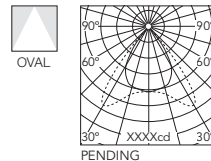
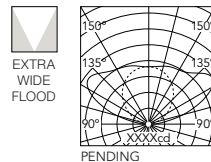


- Casambi
- Coming Soon
  - Coming Soon
  - Coming Soon
  - Coming Soon

Optic Oval - 3500K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

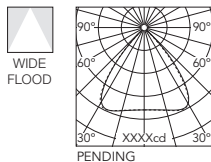
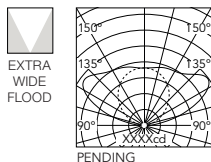


- Casambi
- Coming Soon
  - Coming Soon
  - Coming Soon
  - Coming Soon

Optic Wide Flood - 4000K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

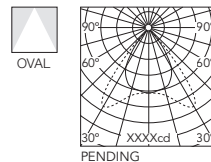
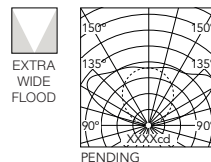


- Casambi
- Coming Soon
  - Coming Soon
  - Coming Soon
  - Coming Soon

Optic Oval - 4000K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



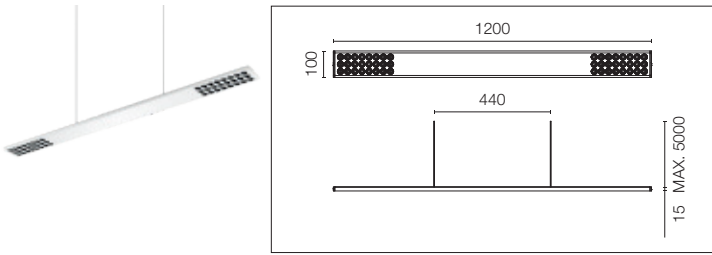
- Casambi
- Coming Soon
  - Coming Soon
  - Coming Soon
  - Coming Soon



# WORKMATES

## Workmates Suspension Up&Down

**Coming Soon:** Down: Full Spectrum  
 Up Non Dimming 70/30: High Efficiency  
 Up Non Dimming 40/60: High Efficiency  
 Up Dali / Casambi: High Efficiency



Apparecchio di illuminazione a sospensione. Emissione *Up&Down*. Sorgente luminosa *Down Full Spectrum* di elevata qualità nella resa cromatica. Sorgente luminosa *Up* ad alto rendimento. Driver non incluso (Kit accessorio per driver remoto o a superficie). Sospensione ad altezza regolabile. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. *Up&Down* emission. High-quality colour rendering *Down Full Spectrum* light source. High-efficiency *Up* light source. Driver not included (accessory kit for remote or surface driver). Adjustable suspension height. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

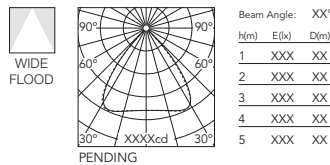
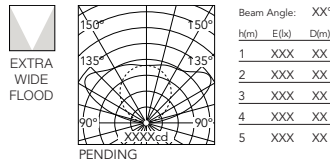
### Optic Wide Flood - 3000K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



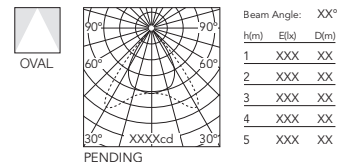
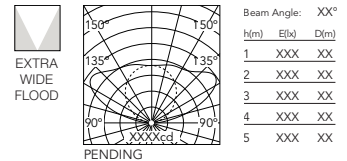
### Optic Oval - 3000K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



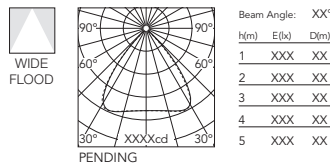
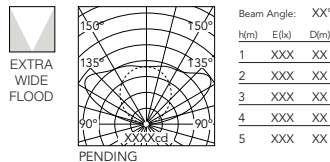
### Optic Wide Flood - 3500K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



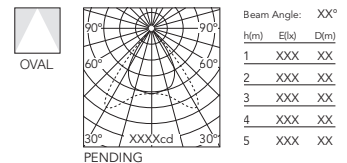
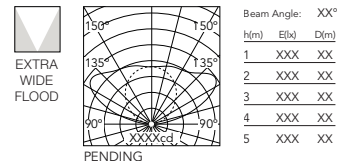
### Optic Oval - 3500K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



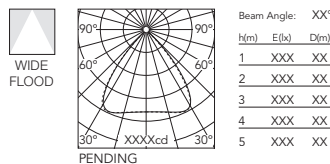
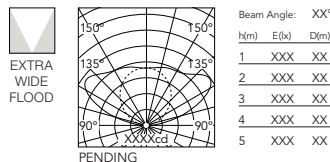
### Optic Wide Flood - 4000K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



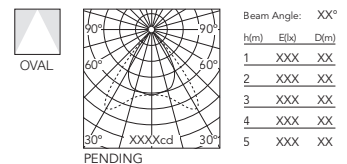
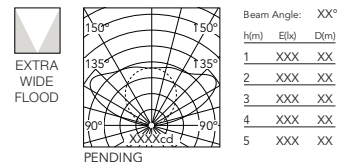
### Optic Oval - 4000K

Non Dimming / Dali 2

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon

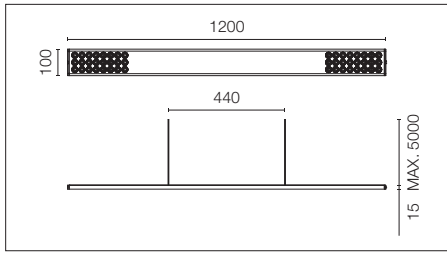
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



**Workmates Suspension Up&Down Smart**

Coming Soon: Down: High Efficiency  
Up: High Efficiency



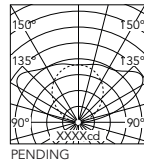
Apparecchio di illuminazione a sospensione. Emissione *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa ad alto rendimento. Driver non incluso (Kit accessorio per driver remoto o a superficie). Sospensione ad altezza regolabile. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency light source. Driver not included (accessory kit for remote or surface driver). Adjustable suspension height. Smart version with integrated presence detection and brightness sensors. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

**Optic Wide Flood - 3000K**

Casambi

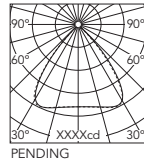
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING



Beam Angle: XX°

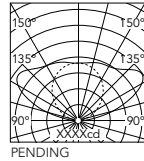
h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Wide Flood - 3500K**

Casambi

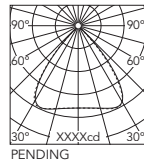
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING



Beam Angle: XX°

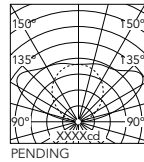
h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Wide Flood - 4000K**

Casambi

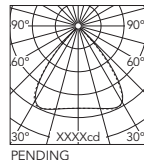
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING



Beam Angle: XX°

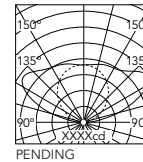
h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Oval - 3000K**

Casambi

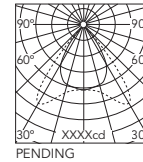
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING



Beam Angle: XX°

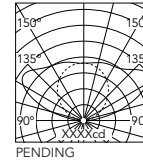
h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Oval - 3500K**

Casambi

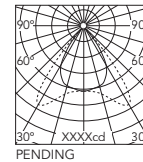
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING



Beam Angle: XX°

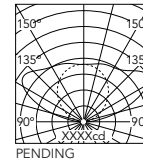
h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Oval - 4000K**

Casambi

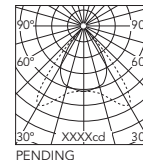
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING



Beam Angle: XX°

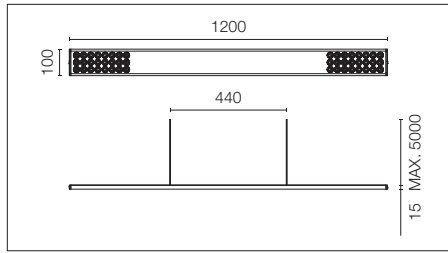
h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

# WORKMATES

## Workmates Suspension Up&Down Smart

Coming Soon: Down: Full Spectrum  
Up: High Efficiency



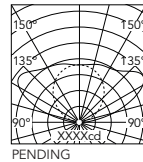
Hängeleuchte. Indirekte Emission Up&Down mit höherem Lichtstrom an der Spitze. *Full Spectrum* Down-Lichtquelle mit hochwertiger Farbwiedergabe. Hocheffiziente Up-Lichtquelle. Treiber nicht im Lieferumfang enthalten (Zubehörsatz für Fern- oder Oberflächentreiber). Einstellbare Aufhängungshöhe. Smarte Version mit integrierten Anwesenheits- und Helligkeitsensoren. Mechanisches Verbindungsmodul für modulare Linien mit mehreren Einheiten verfügbar. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering *Down Full Spectrum* light source. High-efficiency *Up* light source. Driver not included (accessory kit for remote or surface driver). Adjustable suspension height. Smart version with integrated presence detection and brightness sensors. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, maximum distance between fixtures: 50m.

### Optic Wide Flood - 3000K

Casambi

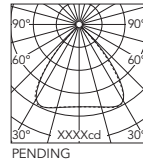
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°  
h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING



Beam Angle: XX°  
h(m) E(lx) D(m)

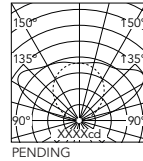
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING

### Optic Wide Flood - 3500K

Casambi

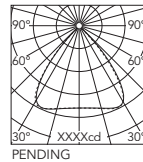
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°  
h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING



Beam Angle: XX°  
h(m) E(lx) D(m)

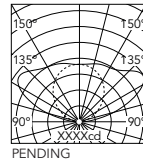
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING

### Optic Wide Flood - 4000K

Casambi

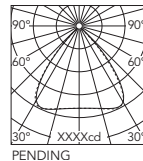
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°  
h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING



Beam Angle: XX°  
h(m) E(lx) D(m)

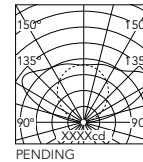
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING

### Optic Oval - 3000K

Casambi

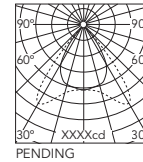
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°  
h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING



Beam Angle: XX°  
h(m) E(lx) D(m)

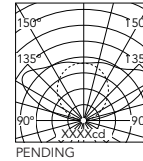
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING

### Optic Oval - 3500K

Casambi

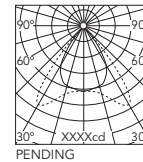
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°  
h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING



Beam Angle: XX°  
h(m) E(lx) D(m)

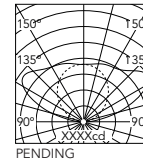
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING

### Optic Oval - 4000K

Casambi

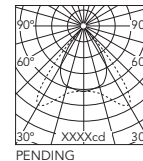
- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°  
h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING



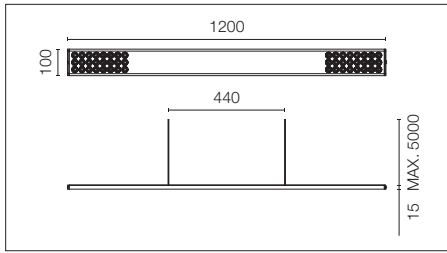
Beam Angle: XX°  
h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

PENDING

**Workmates Suspension Up&Down Tunable White**

Coming Soon: Down: High Efficiency  
Up: High Efficiency

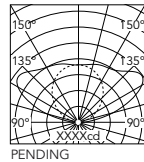
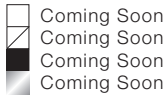


Apparecchio di illuminazione a sospensione. Emissione *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* ad alto rendimento. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver non incluso (Kit accessorio per driver remoto o a superficie). Sospensione ad altezza regolabile. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency *Down* light source. *Tunable White* variable CCT *Up* light source. Driver not included (accessory kit for remote or surface driver). Adjustable suspension height. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

**Optic Wide Flood - 3000K**

Dali 2

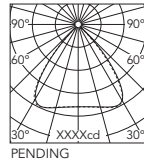
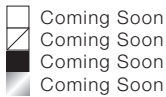


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

Casambi



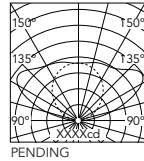
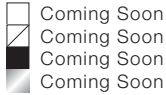
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Wide Flood - 3500K**

Dali 2

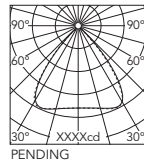
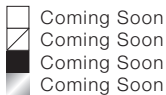


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

Casambi



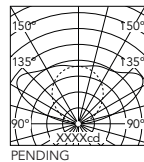
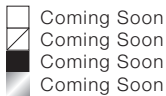
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Wide Flood - 4000K**

Dali 2

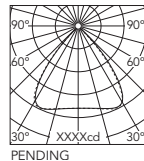
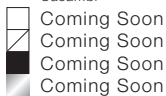


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

Casambi



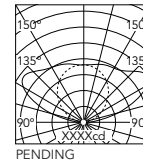
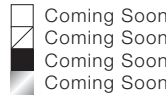
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Oval - 3000K**

Dali 2

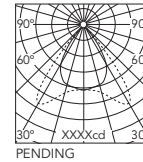
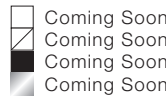


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

Casambi



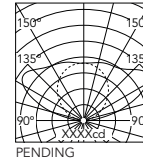
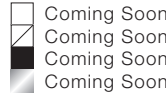
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Oval - 3500K**

Dali 2

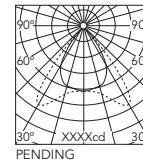
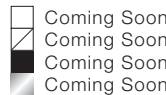


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

Casambi



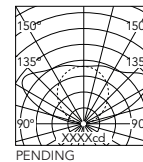
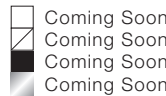
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

**Optic Oval - 4000K**

Dali 2

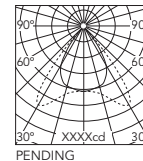
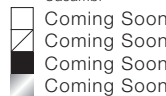


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

Casambi



Beam Angle: XX°

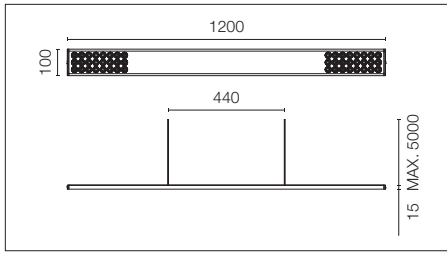
h(m)	E(lx)	D(m)
1	XXXX XX	
2	XXXX XX	
3	XXXX XX	
4	XXXX XX	
5	XXXX XX	

PENDING

# WORKMATES

## Workmates Suspension Up&Down Tunable White

Coming Soon: Down: Full Spectrum  
Up: High Efficiency

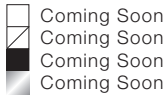


Apparecchio di illuminazione a sospensione. Emissione *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down Full Spectrum* di elevata qualità nella resa cromatica. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver non incluso (Kit accessorio per driver remoto o a superficie). Sospensione ad altezza regolabile. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

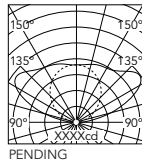
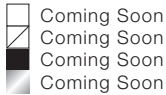
Suspension luminaire. *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering *Down Full Spectrum* light source. *Tunable White* variable CCT *Up* light source. Driver not included (accessory kit for remote or surface driver). Adjustable suspension height. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

### Optic Wide Flood - 3000K

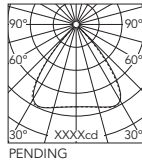
Dali 2



Casambi



Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	



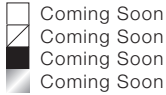
Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	

PENDING

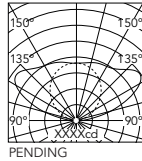
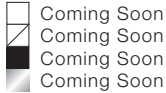
PENDING

### Optic Wide Flood - 3500K

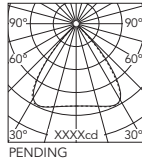
Dali 2



Casambi



Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	



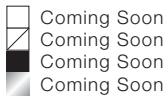
Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	

PENDING

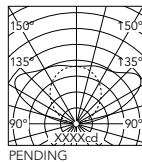
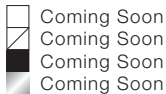
PENDING

### Optic Wide Flood - 4000K

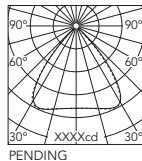
Dali 2



Casambi



Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	



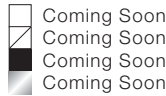
Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	

PENDING

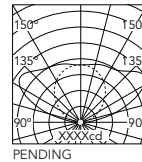
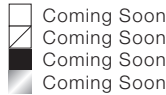
PENDING

### Optic Oval - 3000K

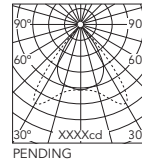
Dali 2



Casambi



Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	



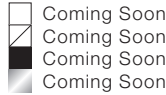
Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	

PENDING

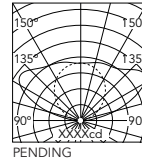
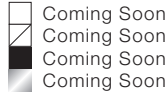
PENDING

### Optic Oval - 3500K

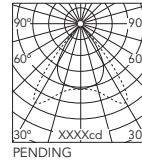
Dali 2



Casambi



Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	



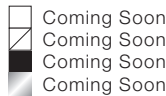
Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	

PENDING

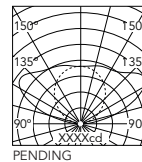
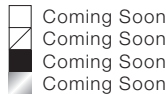
PENDING

### Optic Oval - 4000K

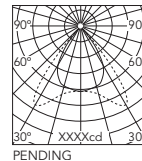
Dali 2



Casambi



Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	



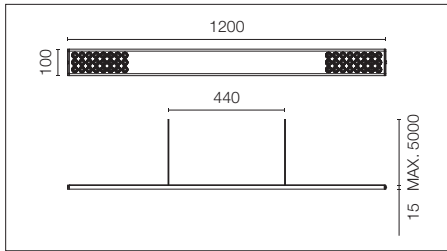
Beam Angle: XX°			
h(m)	E(lx)	D(m)	
1	XXXX	XX	
2	XXXX	XX	
3	XXXX	XX	
4	XXXX	XX	
5	XXXX	XX	

PENDING

PENDING

**Workmates Suspension Up&Down Tunable White Smart**

Coming Soon: Down: High Efficiency  
Up: High Efficiency



Apparecchio di illuminazione a sospensione. Emissione *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* ad alto rendimento. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver non incluso (Kit accessorio per driver remoto o a superficie). Sospensione ad altezza regolabile. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency *Down* light source. *Tunable White* variable CCT *Up* light source. Driver not included (accessory kit for remote or surface driver). Adjustable suspension height. Smart version with integrated presence detection and brightness sensors. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

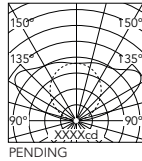
**Optic Wide Flood - 3000K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD

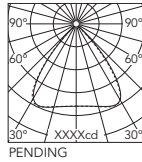


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	



WIDE FLOOD



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

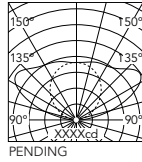
**Optic Wide Flood - 3500K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



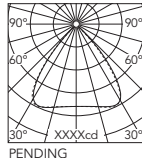
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING



WIDE FLOOD



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

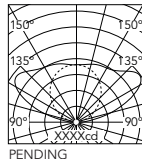
**Optic Wide Flood - 4000K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



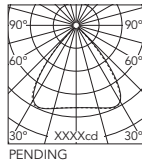
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING



WIDE FLOOD



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

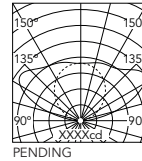
**Optic Oval - 3000K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



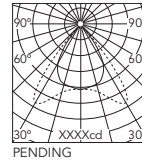
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING



OVAL



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

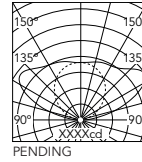
**Optic Oval - 3500K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



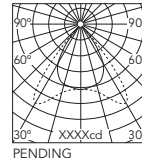
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING



OVAL



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

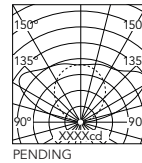
**Optic Oval - 4000K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



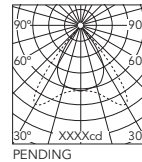
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING



OVAL



Beam Angle: XX°

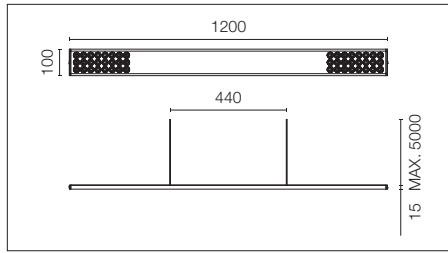
h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

PENDING

# WORKMATES

## Workmates Suspension Up&Down Tunable White Smart

Coming Soon: Down: Full Spectrum  
Up: High Efficiency



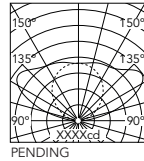
Apparecchio di illuminazione a sospensione. Emissione *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down Full Spectrum* di elevata qualità nella resa cromatica. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver non incluso (Kit accessorio per driver remoto o a superficie). Sospensione ad altezza regolabile. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. È disponibile il modulo di giunzione meccanica per linee modulari composte da più unità. UGR<19. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000. Casambi, distanza massima tra gli apparecchi: 50m.

Suspension luminaire. *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering *Down Full Spectrum* light source. *Tunable White* variable CCT *Up* light source. Driver not included (accessory kit for remote or surface driver). Adjustable suspension height. Smart version with integrated presence detection and brightness sensors. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.

### Optic Wide Flood - 3000K

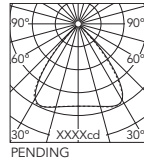
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	



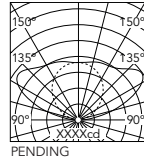
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

### Optic Wide Flood - 3500K

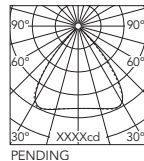
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	



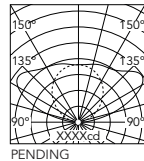
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

### Optic Wide Flood - 4000K

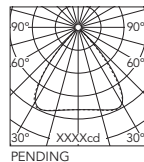
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	



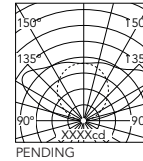
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

### Optic Oval - 3000K

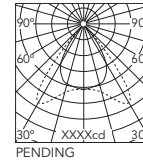
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	



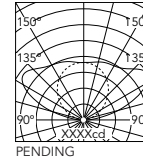
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

### Optic Oval - 3500K

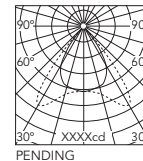
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	



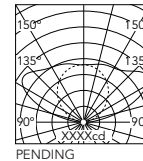
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

### Optic Oval - 4000K

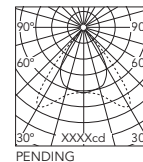
Casambi

- Coming Soon
- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	



Beam Angle: XX°

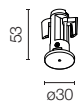
h(m)	E(lx)	D(m)
1	XXX XX	
2	XXX XX	
3	XXX XX	
4	XXX XX	
5	XXX XX	

Accessori / Accessories

Driver remoti / Remote Drivers

Kit accessorio per driver remoto.

Accessory kit for remote driver.



**Down**  
Non Dimming  
Coming Soon  
Coming Soon  
Coming Soon

Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

**Up&Down (Up / Down)**  
Non Dimming 70 / 30  
Coming Soon  
Coming Soon  
Coming Soon

Non Dimming 40 / 60  
Coming Soon  
Coming Soon  
Coming Soon

Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

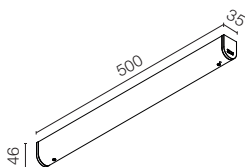
**Up&Down Tunnable White**  
Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

**All Models**  
Casambi  
Coming Soon  
Coming Soon  
Coming Soon

Kit di alimentazione per installazione a superficie / Surface Power Supply Kit

Kit di accessori per driver a superficie. Driver incluso.

Accessory kit for surface driver.  
Driver Included.



**Down**  
Non Dimming  
Coming Soon  
Coming Soon  
Coming Soon

Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

**Up&Down (Up / Down)**  
Non Dimming 70 / 30  
Coming Soon  
Coming Soon  
Coming Soon

Non Dimming 40 / 60  
Coming Soon  
Coming Soon  
Coming Soon

Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

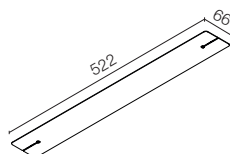
**Up&Down Tunnable White**  
Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

**All Models**  
Casambi  
Coming Soon  
Coming Soon  
Coming Soon

Kit di alimentazione per installazione da incasso / Recessed Power Supply Kit

Kit di accessori per driver a incasso. Driver incluso.

Accessory kit for recessed driver.  
Driver Included.



**Down**  
Non Dimming  
Coming Soon  
Coming Soon  
Coming Soon

Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

**Up&Down (Up / Down)**  
Non Dimming 70 / 30  
Coming Soon  
Coming Soon  
Coming Soon

Non Dimming 40 / 60  
Coming Soon  
Coming Soon  
Coming Soon

Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

**Up&Down Tunnable White**  
Dali 2  
Coming Soon  
Coming Soon  
Coming Soon

**All Models**  
Casambi  
Coming Soon  
Coming Soon  
Coming Soon

Remote

□ White    ■ Black    ▣ Anodized Silver



□ White    ■ Black    ▣ Anodized Silver    □ White    ■ Black    ▣ Anodized Silver





## WORKMATES

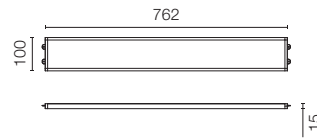
**Suspension - Accessori per interconnessione / Interconnection Accessories**

Le versioni a sospensione Workmates dispongono di un accessorio di giunzione meccanico per realizzare un sistema di più unità in fila continua.

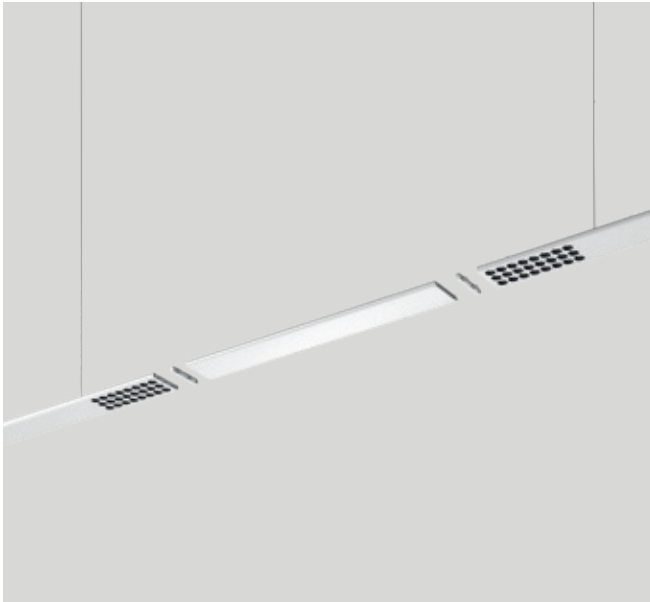
The Workmates suspension versions come with a mechanical union accessory for the installation of various units in continuous lines.

Profilo meccanico per Workmates Suspension. Giunzioni di interconnessione incluse.

Mechanical profile for Workmates Suspension. Connection joints included.

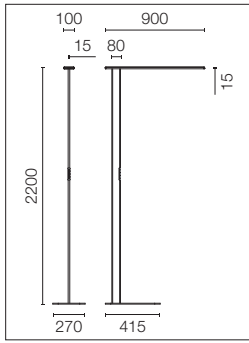


Coming Soon  
Coming Soon  
Coming Soon

**Esempio di interconnessione / Interconnection Example****Particolari di interconnessione / Interconnection Detail**

**Workmates Floor Single**

Coming Soon: Down: High Efficiency  
Up: High Efficiency



Apparecchio di illuminazione da terra. Emissione semplice *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica ad alto rendimento e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* ad alto rendimento. Driver e presa a muro inclusi. Controllo senza fili *Casambi* e mediante pulsantiera capacitiva *Touch Dimming* manuale integrata.  
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Simple *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency, perfectly homogeneous asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. High-efficiency *Up* light source. Driver and wall plug, included. *Casambi* wireless control and integrated manual *Touch Dimming* capacitive keypad.  
EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

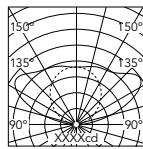
**Optic Asymmetrical - 3000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

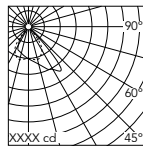
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

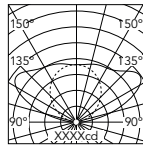
**Optic Asymmetrical - 3500K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

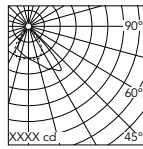
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

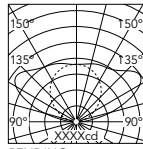
**Optic Asymmetrical - 4000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

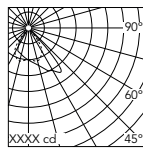
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

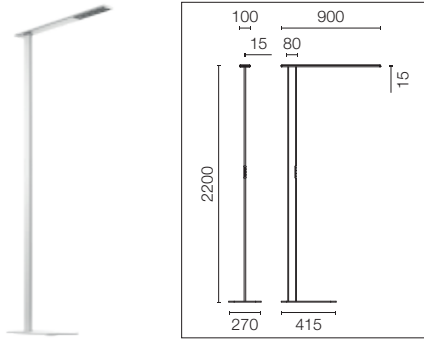
Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Single**

**Coming Soon:** Down: Full Spectrum  
Up: High Efficiency



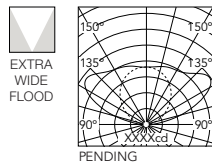
Apparecchio di illuminazione da terra. Emissione semplice *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica *Full Spectrum* di elevata qualità nella resa cromatica e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* ad alto rendimento. Driver e presa a muro inclusi.  
Controllo senza fili *Casambi* e mediante pulsantiera capacitiva *Touch Dimming* manuale integrata. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Simple *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering, perfectly homogeneous *Full Spectrum* asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. High-efficiency *Up* light source. Driver and wall plug, included.  
*Casambi* wireless control and integrated manual *Touch Dimming* capacitive keypad. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

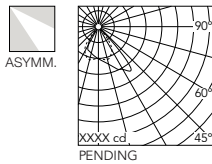


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



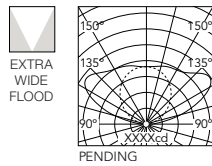
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 3500K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

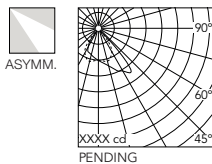


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



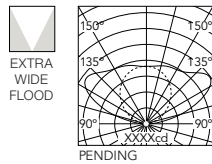
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 4000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

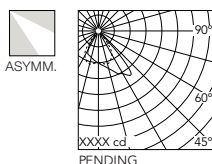


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon

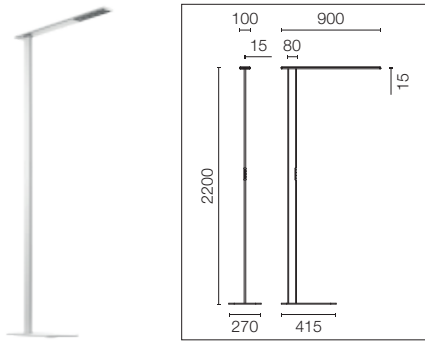


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Single Smart**

Coming Soon: Down: High Efficiency  
Up: High Efficiency



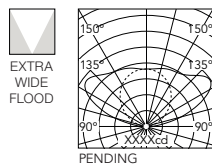
Apparecchio di illuminazione da terra. Emissione semplice *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica ad alto rendimento e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* ad alto rendimento. Driver e presa a muro inclusi. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. Controllo senza fili *Casambi*. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Simple *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency, perfectly homogeneous asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. High-efficiency *Up* light source. Driver and wall plug, included. Smart version with integrated presence detection and brightness sensors. *Casambi* wireless control. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

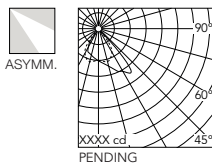
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



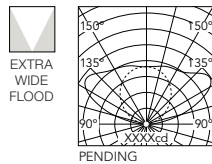
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 3500K**

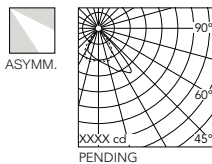
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



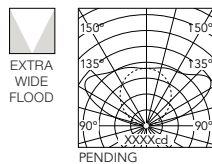
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 4000K**

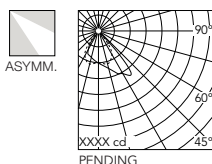
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

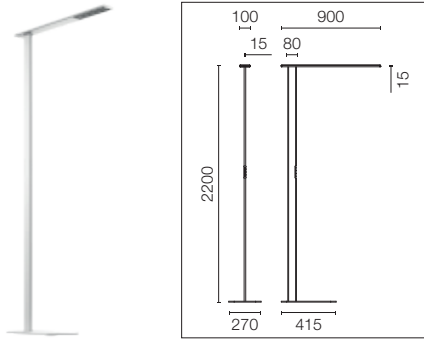


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Single Smart**

Coming Soon: Down: Full Spectrum  
Up: High Efficiency



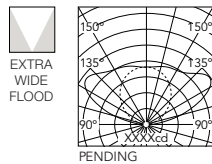
Apparecchio di illuminazione da terra. Emissione semplice *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica *Full Spectrum* di elevata qualità nella resa cromatica e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* ad alto rendimento. Driver e presa a muro inclusi.  
Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. Controllo senza fili *Casambi*.  
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Simple *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering, perfectly homogeneous *Full Spectrum* asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. High-efficiency *Up* light source. Driver and wall plug, included.  
Smart version with integrated presence detection and brightness sensors. *Casambi* wireless control. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

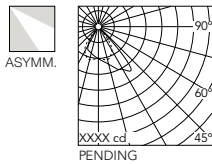
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



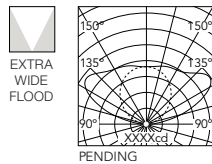
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 3500K**

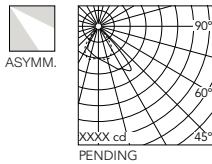
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



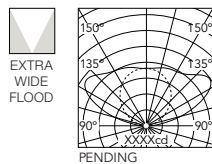
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 4000K**

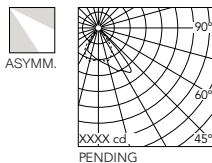
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

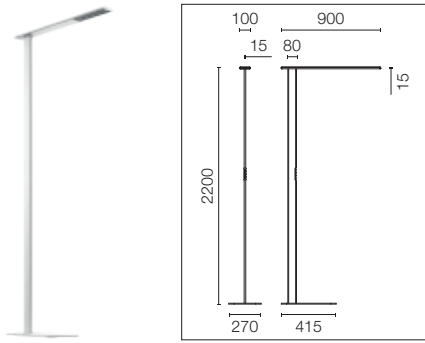


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Single Tunable White**

**Coming Soon:** Down: High Efficiency  
Up: High Efficiency



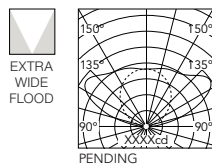
Apparecchio di illuminazione da terra. Emissione semplice *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica ad alto rendimento e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver e presa a muro inclusi. Controllo senza fili *Casambi* e mediante pulsantiera capacitiva *Touch Dimming* manuale integrata. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Simple *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency, perfectly homogeneous asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. *Tunable White* variable CCT *Up* light source. Driver and wall plug, included. *Casambi* wireless control and integrated manual *Touch Dimming* capacitive keypad. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

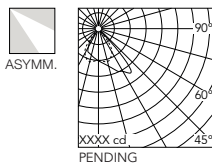


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



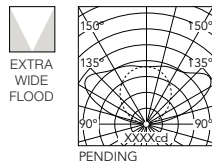
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 3500K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

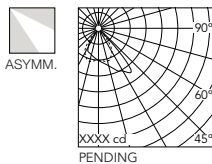


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



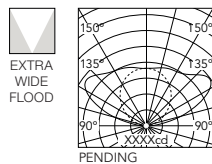
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 4000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

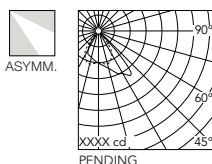


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon

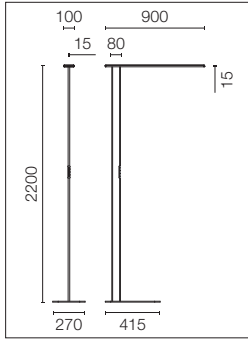


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Single Tunable White**

**Coming Soon:** Down: Full Spectrum  
Up: High Efficiency



Apparecchio di illuminazione da terra. Emissione semplice *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica *Full Spectrum* di elevata qualità nella resa cromatica e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver e presa a muro inclusi. Controllo senza fili *Casambi* e mediante pulsantiera capacitiva *Touch Dimming* manuale integrata. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Simple *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering, perfectly homogeneous *Full Spectrum* asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. *Tunable White* variable CCT *Up* light source. Driver and wall plug, included. *Casambi* wireless control and integrated manual *Touch Dimming* capacitive keypad. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

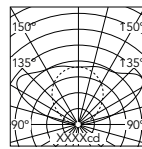
**Optic Asymmetrical - 3000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

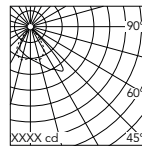
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

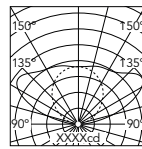
**Optic Asymmetrical - 3500K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

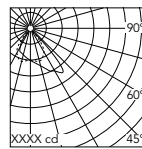
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

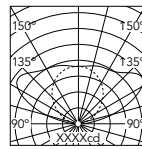
**Optic Asymmetrical - 4000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

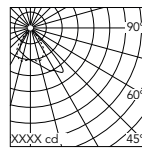
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

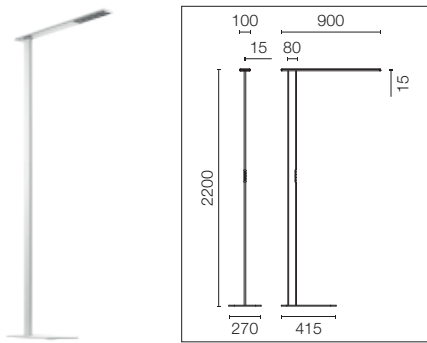
Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Single Tunable White Smart**

Coming Soon: Down: High Efficiency  
Up: High Efficiency



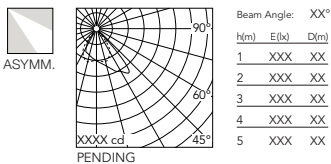
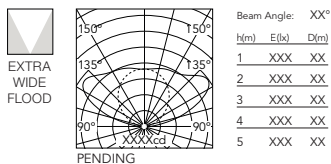
Apparecchio di illuminazione da terra. Emissione semplice *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica ad alto rendimento e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver e presa a muro inclusi. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. Controllo senza fili *Casambi*. Drahtlose *Casambi*-Steuerung. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Simple *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency, perfectly homogeneous asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. *Tunable White* variable CCT *Up* light source. Driver and wall plug, included. Smart version with integrated presence detection and brightness sensors. *Casambi* wireless control. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

Casambi

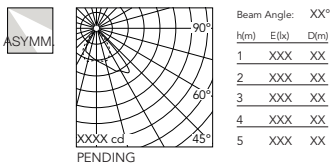
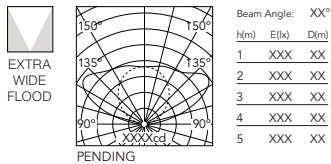
- Coming Soon
- Coming Soon
- Coming Soon



**Optic Asymmetrical - 3500K**

Casambi

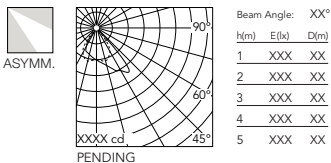
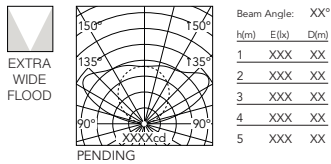
- Coming Soon
- Coming Soon
- Coming Soon



**Optic Asymmetrical - 4000K**

Casambi

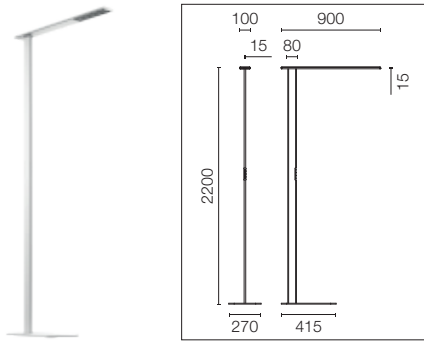
- Coming Soon
- Coming Soon
- Coming Soon





**Workmates Floor Single Tunable White Smart**

Coming Soon: Down: Full Spectrum  
Up: High Efficiency



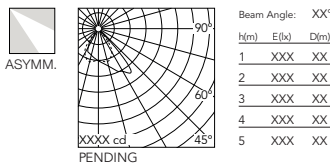
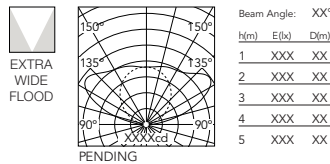
Apparecchio di illuminazione da terra. Emissione semplice *Up&Down*, con una quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica *Full Spectrum* di elevata qualità nella resa cromatica e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver e presa a muro inclusi. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. Controllo senza fili *Casambi*.  
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Simple *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering, perfectly homogeneous *Full Spectrum* asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. *Tunable White* variable CCT *Up* light source. Driver and wall plug, included. Smart version with integrated presence detection and brightness sensors. *Casambi* wireless control. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

Casambi

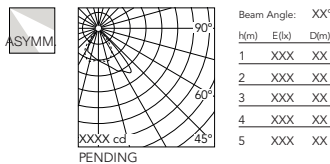
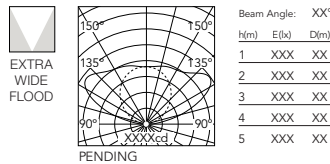
- Coming Soon
- Coming Soon
- Coming Soon



**Optic Asymmetrical - 3500K**

Casambi

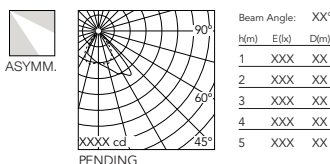
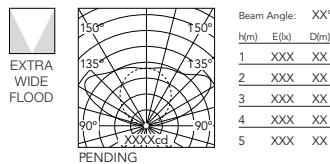
- Coming Soon
- Coming Soon
- Coming Soon



**Optic Asymmetrical - 4000K**

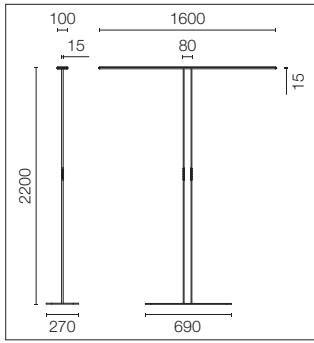
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



**Workmates Floor Double**

**Coming Soon:** Down: High Efficiency  
Up: High Efficiency



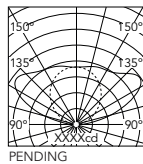
Apparecchio di illuminazione da terra. Emissione bidirezionale *Up&Down*, con quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica ad alto rendimento e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* ad alto rendimento. Driver e presa a muro inclusi. Controllo senza fili *Casambi* e mediante pulsantiera capacitiva *Touch Dimming* manuale integrata.  
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Double *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency, perfectly homogeneous asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. High-efficiency *Up* light source. Driver and wall plug, included. *Casambi* wireless control and integrated manual *Touch Dimming* capacitive keypad.  
EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

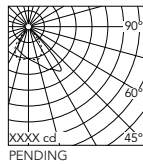


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



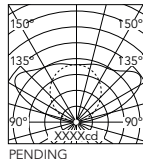
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 3500K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

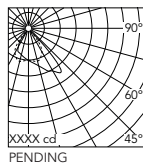


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



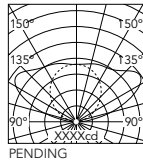
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 4000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon

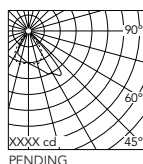


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon

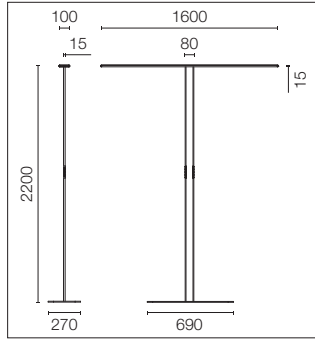


Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Double**

**Coming Soon:** Down: Full Spectrum  
Up: High Efficiency



Apparecchio di illuminazione da terra. Emissione bidirezionale *Up&Down*, con quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica *Full Spectrum* di elevata qualità nella resa cromatica e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* ad alto rendimento. Driver e presa a muro inclusi.  
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Double *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering, perfectly homogeneous *Full Spectrum* asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. High-efficiency *Up* light source. Driver and wall plug, included.  
*Casambi* wireless control and integrated manual *Touch Dimming* capacitive keypad.  
EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

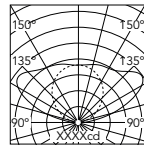
**Optic Asymmetrical - 3000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

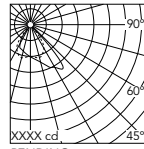
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

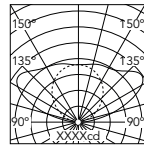
**Optic Asymmetrical - 3500K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

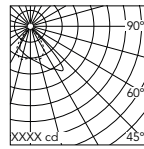
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

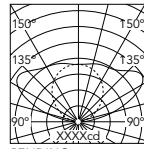
**Optic Asymmetrical - 4000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

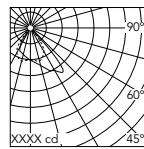
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



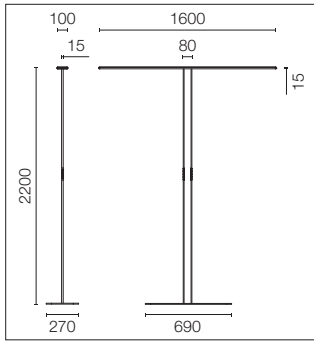
PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Double Smart**

Coming Soon: Down: High Efficiency  
Up: High Efficiency



Apparecchio di illuminazione da terra. Emissione bidirezionale *Up&Down*, con quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica ad alto rendimento e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* ad alto rendimento. Driver e presa a muro inclusi. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. Controllo senza fili *Casambi*. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Double *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency, perfectly homogeneous asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. High-efficiency *Up* light source. Driver and wall plug, included. Smart version with integrated presence detection and brightness sensors. *Casambi* wireless control. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

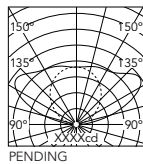
**Optic Asymmetrical - 3000K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

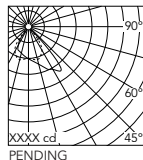
Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



ASYMM.



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

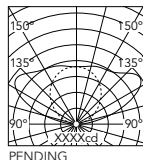
**Optic Asymmetrical - 3500K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

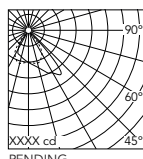
Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



ASYMM.



PENDING

Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

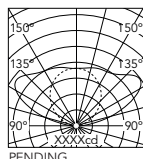
**Optic Asymmetrical - 4000K**

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

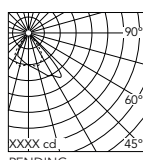
Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



ASYMM.



PENDING

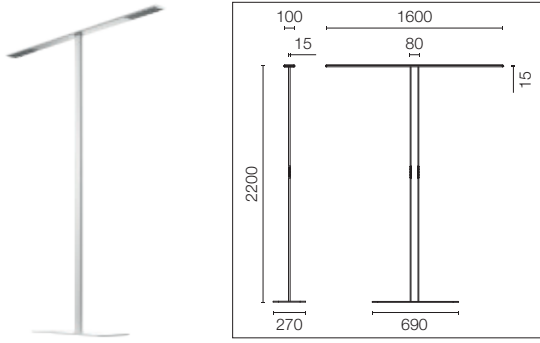
Beam Angle: XX°

h(m) E(lx) D(m)

1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Double Smart**

Coming Soon: Down: Full Spectrum  
Up: High Efficiency



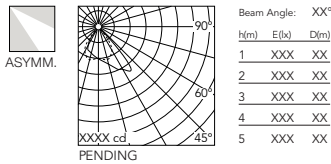
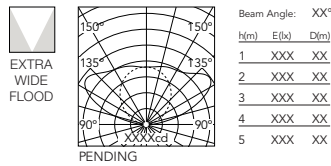
Apparecchio di illuminazione da terra. Emissione bidirezionale *Up&Down*, con quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica *Full Spectrum* di elevata qualità nella resa cromatica e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* ad alto rendimento. Driver e presa a muro inclusi.  
Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. Controllo senza fili *Casambi*.  
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Double *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering, perfectly homogeneous *Full Spectrum* asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. High-efficiency *Up* light source. Driver and wall plug, included.  
Smart version with integrated presence detection and brightness sensors. *Casambi* wireless control. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

Casambi

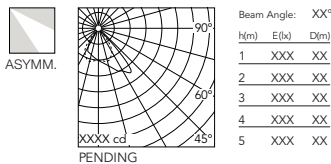
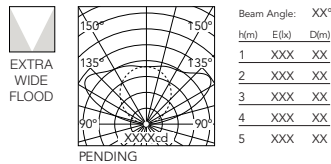
- Coming Soon
- Coming Soon
- Coming Soon



**Optic Asymmetrical - 3500K**

Casambi

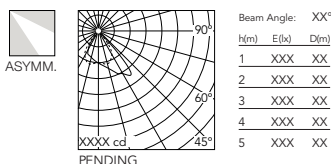
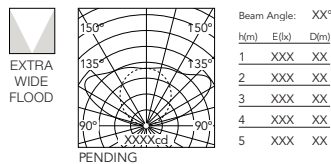
- Coming Soon
- Coming Soon
- Coming Soon



**Optic Asymmetrical - 4000K**

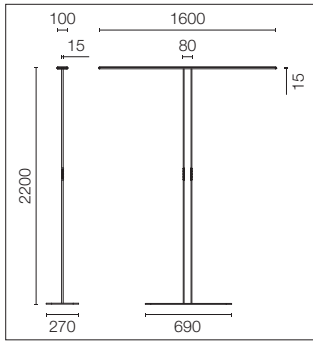
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



**Workmates Floor Double Tunable White**

**Coming Soon:** Down: High Efficiency  
Up: High Efficiency



Apparecchio di illuminazione da terra. Emissione bidirezionale *Up&Down*, con quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica ad alto rendimento e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver e presa a muro inclusi. Controllo senza fili *Casambi* e mediante pulsantiera capacitiva *Touch Dimming* manuale integrata. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Double *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency, perfectly homogeneous asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. *Tunable White* variable CCT *Up* light source. Driver and wall plug, included. *Casambi* wireless control and integrated manual *Touch Dimming* capacitive keypad. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

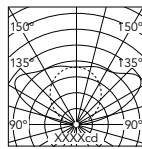
**Optic Asymmetrical - 3000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

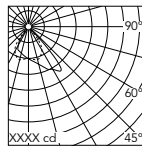
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

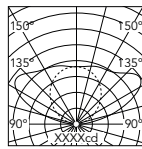
**Optic Asymmetrical - 3500K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

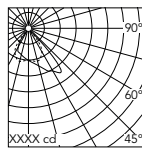
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

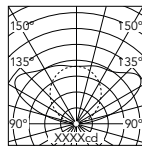
**Optic Asymmetrical - 4000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

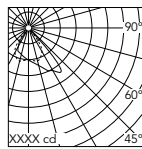
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



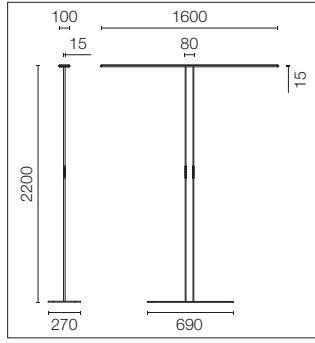
PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Double Tunable White**

**Coming Soon:** Down: Full Spectrum  
Up: High Efficiency



Apparecchio di illuminazione da terra. Emissione bidirezionale *Up&Down*, con quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica *Full Spectrum* di elevata qualità nella resa cromatica e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver e presa a muro inclusi. Controllo senza fili *Casambi* e mediante pulsantiera capacitiva *Touch Dimming* manuale integrata. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Double *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering, perfectly homogeneous *Full Spectrum* asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. *Tunable White* variable CCT *Up* light source. Driver and wall plug, included. *Casambi* wireless control and integrated manual *Touch Dimming* capacitive keypad EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

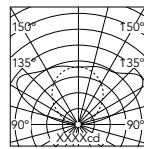
**Optic Asymmetrical - 3000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

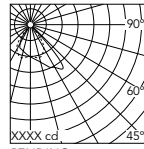
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

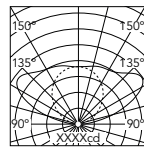
**Optic Asymmetrical - 3500K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

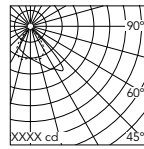
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

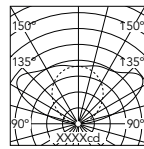
**Optic Asymmetrical - 4000K**

Touch Dimming

- Coming Soon
- Coming Soon
- Coming Soon



EXTRA WIDE FLOOD



PENDING

Beam Angle: XX°

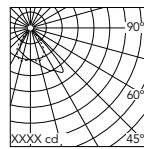
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

Casambi

- Coming Soon
- Coming Soon
- Coming Soon



ASYMM.



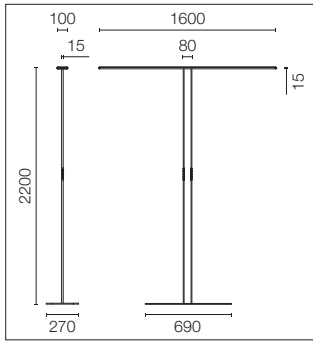
PENDING

Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Workmates Floor Double Tunable White Smart**

**Coming Soon:** Down: High Efficiency  
Up: High Efficiency



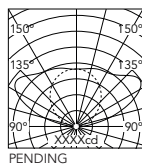
Apparecchio di illuminazione da terra. Emissione bidirezionale *Up&Down*, con quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica ad alto rendimento e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver e presa a muro inclusi. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. Controllo senza fili *Casambi*. Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Double *Up&Down* emission, with greater light flux amounts in the upper part. High-efficiency, perfectly homogeneous asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. *Tunable White* variable CCT *Up* light source. Driver and wall plug, included. Smart version with integrated presence detection and brightness sensors. *Casambi* wireless control. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

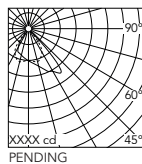
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



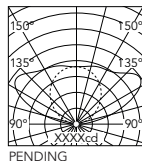
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 3500K**

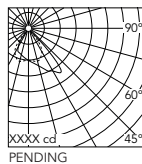
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



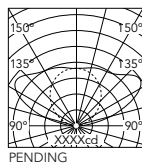
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 4000K**

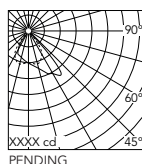
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



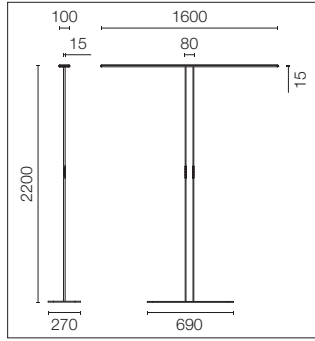
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



**Workmates Floor Double Tunable White Smart**

**Coming Soon:** Down: Full Spectrum  
Up: High Efficiency



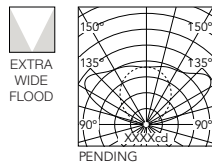
Apparecchio di illuminazione da terra. Emissione bidirezionale *Up&Down*, con quantità di flusso luminoso maggiore nella parte superiore. Sorgente luminosa *Down* asimmetrica *Full Spectrum* di elevata qualità nella resa cromatica e perfetta omogeneità a livello funzionale con diffusione fino a 2 metri. Sorgente luminosa *Up* di CCT ad alto rendimento. Driver e presa a muro inclusi. Versione Smart dotata di sensori di rilevamento della presenza e della luminosità integrati. Controllo senza fili *Casambi*.  
Conforme alla EN12464 - cd/m<sup>2</sup> @ 65°<3000.

Freestanding luminaire. Double *Up&Down* emission, with greater light flux amounts in the upper part. High-quality colour rendering, perfectly homogeneous *Full Spectrum* asymmetric *Down* light source on the functional plane at distances of *Up* to 2 meters. *Tunable White* variable CCT *Up* light source. Driver and wall plug, included. Smart version with integrated presence detection and brightness sensors. *Casambi* wireless control. EN12464 - cd/m<sup>2</sup> @ 65°<3000 compliant.

**Optic Asymmetrical - 3000K**

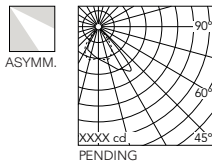
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



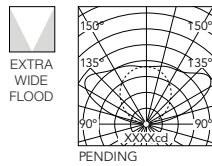
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 3500K**

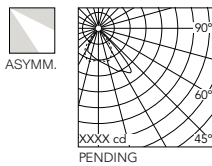
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



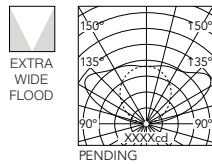
Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

**Optic Asymmetrical - 4000K**

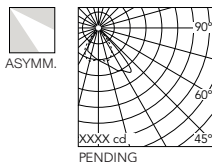
Casambi

- Coming Soon
- Coming Soon
- Coming Soon



Beam Angle: XX°

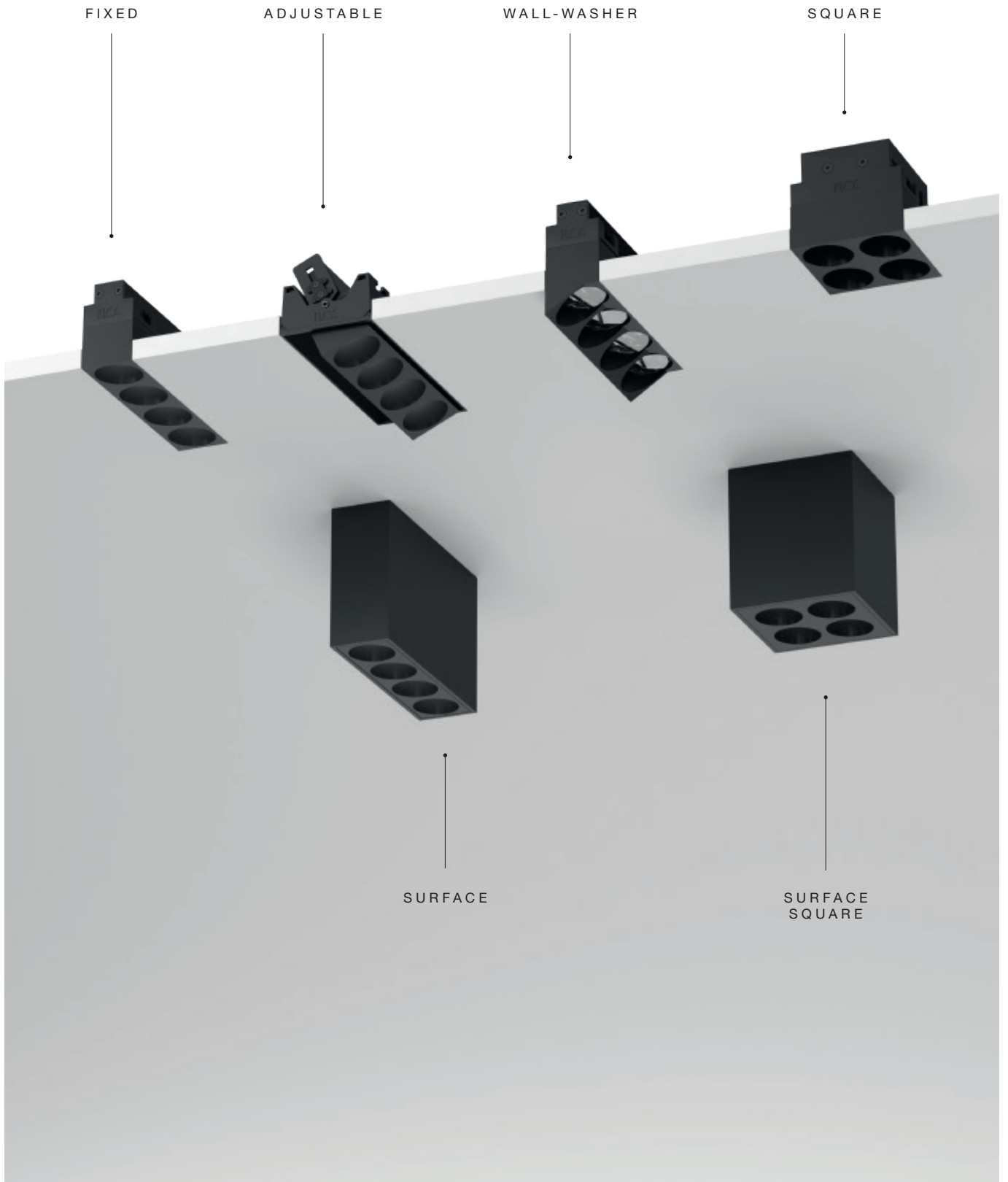
h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX



Beam Angle: XX°

h(m)	E(lx)	D(m)
1	XXX	XX
2	XXX	XX
3	XXX	XX
4	XXX	XX
5	XXX	XX

LIGHT SHADOW  
DESIGNED BY FLOS ARCHITECTURAL



## Descrizione

Apparecchio di illuminazione per interni, a incasso e a superficie. Grazie alle sue principali caratteristiche (dimensioni ridotte, resa e grande schermatura) si riescono a integrare totalmente negli spazi con grande facilità.

La famiglia nasce dalla necessità di un apparecchio di illuminazione compatto e di facile installazione, con lo stile distintivo di Flos, in grado di produrre un'illuminazione ad alta efficienza e rispettando al contempo i più elevati standard di comfort visivo, in versioni con corpi di schermatura neri.

- Versioni a incasso fisse e regolabili: 2/4/8/12 spot (Trim/No Trim).

- Versioni fissa a superficie: 4 spots.

- Versione wall-washer: 4 spots (Trim / No Trim).

La famiglia viene offerta con ottiche di super accento, accento e illuminazione generale.

Per trovare soluzioni in ambienti più decorativi, è stata sviluppata la seguente gamma di colori con combinazioni di finiture dipinte interne ed esterne:

- finiture esterne: bianco e nero.

- finiture interne: bianco, acciaio, rame e nero (elevato comfort ottico).

- box esterno della versione di superficie: nero, bianco, acciaio spazzolato, bronzo spazzolato, rame spazzolato e teak.

## Unità di Alimentazione

Disponibili versioni DALI, Mains Dim e Casambi.

Vedi modelli.

Disponibili versioni a 110V su ordinazione.

## Accessori

Per la versione No Trim, è necessaria una cornice in alluminio per la preinstallazione nel controsoffitto. Da ordinare separatamente (non necessario per la versione Trim).

## Informazioni Aggiuntive

La versione No Trim è stata progettata per installazione su pannelli di cartongesso di spessore 12,5 mm.

Grado di protezione IP20, IP23, IP44, IP55 a seconda delle versioni.

Classe di isolamento II.

Adatti ad installazioni su superfici normalmente infiammabili.

Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Indoor, embedded and surface luminaires.

Due to their main qualities (reduced size, high performance and great screening), they facilitate total integration into spaces.

The family was born of the need for a compact, easy-to-install luminaire, with the distinctive Flos style, able to produce high efficiency lighting, while respecting the highest standards of visual comfort, in versions with black screening bodies.

- Fixed and adjustable embedded versions: 2/4/8/12 spots (Trim/No Trim).

- Fixed surface versions: 4 spots.

- Wall-washer version: 4 spots (Trim / No Trim).

The family is offered with super accented, accented and general lighting optics.

For solutions in more decorative settings, the following range of colours has been developed, with a combination of interior and exterior painted finishes:

- exterior finishes: black and white.

- interior finishes: white, steel, bronze, copper and black (high comfort optics).

- outdoor box surface version: black, white, brushed steel, brushed bronze, brushed copper and teak.

## Power Supply

DALI, Mains Dim and Casambi versions available. See models.

Versions with 110V equipment available upon request.

## Accessories

For the No Trim version, pre-installation frame in aluminium for false ceiling installation. It needs to be ordered separately (not necessary for Trim version).

## Additional Information

No Trim version has been designed for 12.5 mm thick plasterboard installation.

IP20, IP23, IP44, IP55 protection grade depending on the versions.

Insulation class II.

Suitable for installation on normally inflammable surfaces.

Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Trim



No Trim



Surface



Continuous Line

FIXED  
TRIM/NO TRIM  
2 SPOTS\*



ADJUSTABLE  
TRIM/NO TRIM  
2 SPOTS\*



FIXED  
TRIM/NO TRIM  
4 SPOTS



ADJUSTABLE  
TRIM / NO TRIM  
4 SPOTS



FIXED  
TRIM/NO TRIM  
4 SPOTS SQUARE



FIXED  
TRIM/NO TRIM  
8 SPOTS\*\*



ADJUSTABLE  
TRIM/NO TRIM  
8 SPOTS\*\*



FIXED  
TRIM/NO TRIM  
12 SPOTS\*\*



ADJUSTABLE  
TRIM/NO TRIM  
12 SPOTS\*\*



WALL-WASHER  
TRIM/NO TRIM  
4 SPOTS



SURFACE  
4 SPOTS



SURFACE  
4 SPOTS SQUARE\*\*



**LIGHT SOURCE**  
POWER LED  
No dimmable/Dimmable  
2,7W x Spot  
270 lm x Spot  
2700K/CRI 90  
285 lm x Spot  
3000K/CRI 90

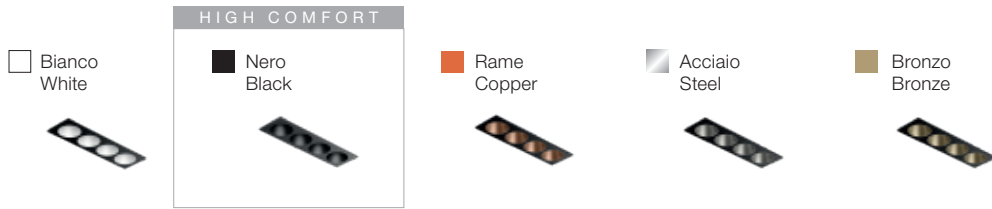
**LIGHT SOURCE**  
POWER LED  
\*No dimmable/Dimmable  
3,5W x Spot  
270 lm x Spot  
2700K/CRI 90  
285 lm x Spot  
3000K/CRI 90

**LIGHT SOURCE**  
POWER LED  
\*\*Mains dimming  
2,3W x Spot  
225 lm x Spot  
2700K/CRI 90  
238 lm x Spot  
3000K/CRI 90

# LIGHT SHADOW

## Internal Finish

### Light Shadow Fixed / Fixed Square Adjustable / Surface / Surface Square



## External Plate Finish

### Light Shadow Fixed / Fixed Square Adjustable / Surface / Surface Square



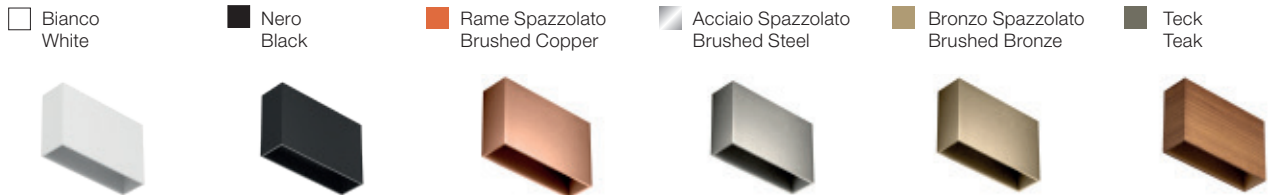
## External Plate Finish

### Light Shadow Wall-Washer



## Box Finish

### Light Shadow Surface / Surface Square



## Light Shadow for The Running Magnet

LIGHT SHADOW



LIGHT SHADOW  
WALL-WASHER

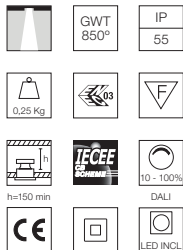
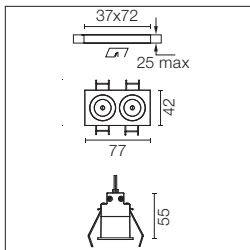


Vedere la collezione The Running Magnet / See The Running Magnet collection

# LIGHT SHADOW

## Light Shadow Fixed Trim 2 Spots

**Light Source:** Power LED DC 900 mA 7W - 540 lm - 2700K/CRI 90 / 7W - 570 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 2 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

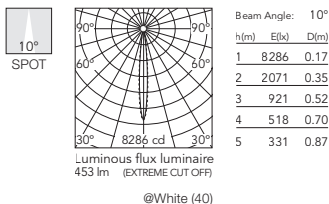
Recessed integrated luminaire with 2 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

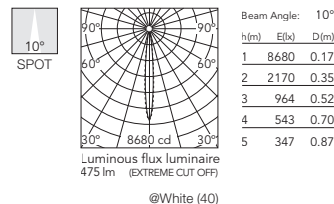
### Optic Spot 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.8820.40A   |
|     | 03.8820.14A   |
|     | Dali Version  |
|     | 03.8820.40ADA |
|     | 03.8820.14ADA |
|     | Mains Dimming |
|     | 03.8820.40ANI |
|     | 03.8820.14ANI |
|     | Casambi       |
|     | 03.8820.40ACB |
|     | 03.8820.14ACB |
|     | Non Dimmable  |
|     | 03.8821.40A   |
|     | 03.8821.14A   |
|     | Dali Version  |
|     | 03.8821.40ADA |
|     | 03.8821.14ADA |
|     | Mains Dimming |
|     | 03.8821.40ANI |
|     | 03.8821.14ANI |
|     | Casambi       |
|     | 03.8821.40ACB |
|     | 03.8821.14ACB |
|     | Non Dimmable  |
|     | 05.1000.40A   |
|     | 05.1000.14A   |
|     | Dali Version  |
|     | 05.1000.40ADA |
|     | 05.1000.14ADA |
|     | Mains Dimming |
|     | 05.1000.40ANI |
|     | 05.1000.14ANI |
|     | Casambi       |
|     | 05.1000.40ACB |
|     | 05.1000.14ACB |
|     | Non Dimmable  |
|     | 05.1001.40A   |
|     | 05.1001.14A   |
|     | Dali Version  |
|     | 05.1001.40ADA |
|     | 05.1001.14ADA |
|     | Mains Dimming |
|     | 05.1001.40ANI |
|     | 05.1001.14ANI |
|     | Casambi       |
|     | 05.1001.40ACB |
|     | 05.1001.14ACB |
|     | Non Dimmable  |
|     | 05.1002.40A   |
|     | 05.1002.14A   |
|     | Dali Version  |
|     | 05.1002.40ADA |
|     | 05.1002.14ADA |
|     | Mains Dimming |
|     | 05.1002.40ANI |
|     | 05.1002.14ANI |
|     | Casambi       |
|     | 05.1002.40ACB |
|     | 05.1002.14ACB |











































### Optic Spot 3000K

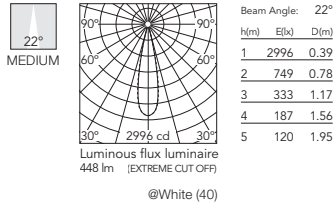
- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.8824.40A   |
|     | 03.8824.14A   |
|     | Dali Version  |
|     | 03.8824.40ADA |
|     | 03.8824.14ADA |
|     | Mains Dimming |
|     | 03.8824.40ANI |
|     | 03.8824.14ANI |
|     | Casambi       |
|     | 03.8824.40ACB |
|     | 03.8824.14ACB |
|     | Non Dimmable  |
|     | 03.8825.40A   |
|     | 03.8825.14A   |
|     | Dali Version  |
|     | 03.8825.40ADA |
|     | 03.8825.14ADA |
|     | Mains Dimming |
|     | 03.8825.40ANI |
|     | 03.8825.14ANI |
|     | Casambi       |
|     | 03.8825.40ACB |
|     | 03.8825.14ACB |
|     | Non Dimmable  |
|     | 05.1005.40A   |
|     | 05.1005.14A   |
|     | Dali Version  |
|     | 05.1005.40ADA |
|     | 05.1005.14ADA |
|     | Mains Dimming |
|     | 05.1005.40ANI |
|     | 05.1005.14ANI |
|     | Casambi       |
|     | 05.1005.40ACB |
|     | 05.1005.14ACB |
|     | Non Dimmable  |
|     | 05.1006.40A   |
|     | 05.1006.14A   |
|     | Dali Version  |
|     | 05.1006.40ADA |
|     | 05.1006.14ADA |
|     | Mains Dimming |
|     | 05.1006.40ANI |
|     | 05.1006.14ANI |
|     | Casambi       |
|     | 05.1006.40ACB |
|     | 05.1006.14ACB |
|     | Non Dimmable  |
|     | 05.1007.40A   |
|     | 05.1007.14A   |
|     | Dali Version  |
|     | 05.1007.40ADA |
|     | 05.1007.14ADA |
|     | Mains Dimming |
|     | 05.1007.40ANI |
|     | 05.1007.14ANI |
|     | Casambi       |
|     | 05.1007.40ACB |
|     | 05.1007.14ACB |











































# LIGHT SHADOW

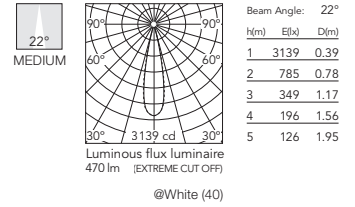
## Optic Medium 2700K

- E I Non Dimmable
-  03.9100.40A
  -  03.9100.14A
  - Dali Version
  -  03.9100.40ADA
  -  03.9100.14ADA
  - Mains Dimming
  -  03.9100.40ANI
  -  03.9100.14ANI
  - Casambi
  -  03.9100.40ACB
  -  03.9100.14ACB
  - Non Dimmable
  -  03.9101.40A
  -  03.9101.14A
  - Dali Version
  -  03.9101.40ADA
  -  03.9101.14ADA
  - Mains Dimming
  -  03.9101.40ANI
  -  03.9101.14ANI
  - Casambi
  -  03.9101.40ACB
  -  03.9101.14ACB
  - Non Dimmable
  -  05.1010.40A
  -  05.1010.14A
  - Dali Version
  -  05.1010.40ADA
  -  05.1010.14ADA
  - Mains Dimming
  -  05.1010.40ANI
  -  05.1010.14ANI
  - Casambi
  -  05.1010.40ACB
  -  05.1010.14ACB
  - Non Dimmable
  -  05.1011.40A
  -  05.1011.14A
  - Dali Version
  -  05.1011.40ADA
  -  05.1011.14ADA
  - Mains Dimming
  -  05.1011.40ANI
  -  05.1011.14ANI
  - Casambi
  -  05.1011.40ACB
  -  05.1011.14ACB
  - Non Dimmable
  -  05.1012.40A
  -  05.1012.14A
  - Dali Version
  -  05.1012.40ADA
  -  05.1012.14ADA
  - Mains Dimming
  -  05.1012.40ANI
  -  05.1012.14ANI
  - Casambi
  -  05.1012.40ACB
  -  05.1012.14ACB



## Optic Medium 3000K

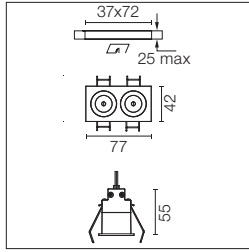
- E I Non Dimmable
-  03.9110.40A
  -  03.9110.14A
  - Dali Version
  -  03.9110.40ADA
  -  03.9110.14ADA
  - Mains Dimming
  -  03.9110.40ANI
  -  03.9110.14ANI
  - Casambi
  -  03.9110.40ACB
  -  03.9110.14ACB
  - Non Dimmable
  -  03.9111.40A
  -  03.9111.14A
  - Dali Version
  -  03.9111.40ADA
  -  03.9111.14ADA
  - Mains Dimming
  -  03.9111.40ANI
  -  03.9111.14ANI
  - Casambi
  -  03.9111.40ACB
  -  03.9111.14ACB
  - Non Dimmable
  -  05.1015.40A
  -  05.1015.14A
  - Dali Version
  -  05.1015.40ADA
  -  05.1015.14ADA
  - Mains Dimming
  -  05.1015.40ANI
  -  05.1015.14ANI
  - Casambi
  -  05.1015.40ACB
  -  05.1015.14ACB
  - Non Dimmable
  -  05.1016.40A
  -  05.1016.14A
  - Dali Version
  -  05.1016.40ADA
  -  05.1016.14ADA
  - Mains Dimming
  -  05.1016.40ANI
  -  05.1016.14ANI
  - Casambi
  -  05.1016.40ACB
  -  05.1016.14ACB
  - Non Dimmable
  -  05.1017.40A
  -  05.1017.14A
  - Dali Version
  -  05.1017.40ADA
  -  05.1017.14ADA
  - Mains Dimming
  -  05.1017.40ANI
  -  05.1017.14ANI
  - Casambi
  -  05.1017.40ACB
  -  05.1017.14ACB



# LIGHT SHADOW

## Light Shadow Fixed Trim 2 Spots

**Light Source:** Power LED DC 900 mA 7W - 540 lm - 2700K/CRI 90 / 7W - 570 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 2 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

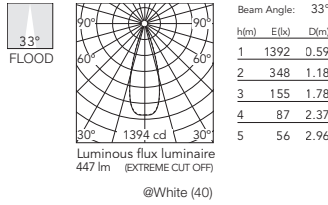
Recessed integrated luminaire with 2 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

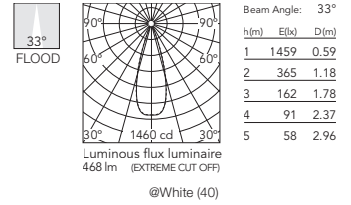
### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9105.40A   |
|     | 03.9105.14A   |
|     | Dali Version  |
|     | 03.9105.40ADA |
|     | 03.9105.14ADA |
|     | Mains Dimming |
|     | 03.9105.40ANI |
|     | 03.9105.14ANI |
|     | Casambi       |
|     | 03.9105.40ACB |
|     | 03.9105.14ACB |
|     | Non Dimmable  |
|     | 03.9106.40A   |
|     | 03.9106.14A   |
|     | Dali Version  |
|     | 03.9106.40ADA |
|     | 03.9106.14ADA |
|     | Mains Dimming |
|     | 03.9106.40ANI |
|     | 03.9106.14ANI |
|     | Casambi       |
|     | 03.9106.40ACB |
|     | 03.9106.14ACB |
|     | Non Dimmable  |
|     | 05.1020.40A   |
|     | 05.1020.14A   |
|     | Dali Version  |
|     | 05.1020.40ADA |
|     | 05.1020.14ADA |
|     | Mains Dimming |
|     | 05.1020.40ANI |
|     | 05.1020.14ANI |
|     | Casambi       |
|     | 05.1020.40ACB |
|     | 05.1020.14ACB |
|     | Non Dimmable  |
|     | 05.1021.40A   |
|     | 05.1021.14A   |
|     | Dali Version  |
|     | 05.1021.40ADA |
|     | 05.1021.14ADA |
|     | Mains Dimming |
|     | 05.1021.40ANI |
|     | 05.1021.14ANI |
|     | Casambi       |
|     | 05.1021.40ACB |
|     | 05.1021.14ACB |
|     | Non Dimmable  |
|     | 05.1022.40A   |
|     | 05.1022.14A   |
|     | Dali Version  |
|     | 05.1022.40ADA |
|     | 05.1022.14ADA |
|     | Mains Dimming |
|     | 05.1022.40ANI |
|     | 05.1022.14ANI |
|     | Casambi       |
|     | 05.1022.40ACB |
|     | 05.1022.14ACB |



### Optic Flood 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9115.40A   |
|     | 03.9115.14A   |
|     | Dali Version  |
|     | 03.9115.40ADA |
|     | 03.9115.14ADA |
|     | Mains Dimming |
|     | 03.9115.40ANI |
|     | 03.9115.14ANI |
|     | Casambi       |
|     | 03.9115.40ACB |
|     | 03.9115.14ACB |
|     | Non Dimmable  |
|     | 03.9116.40A   |
|     | 03.9116.14A   |
|     | Dali Version  |
|     | 03.9116.40ADA |
|     | 03.9116.14ADA |
|     | Mains Dimming |
|     | 03.9116.40ANI |
|     | 03.9116.14ANI |
|     | Casambi       |
|     | 03.9116.40ACB |
|     | 03.9116.14ACB |
|     | Non Dimmable  |
|     | 05.1025.40A   |
|     | 05.1025.14A   |
|     | Dali Version  |
|     | 05.1025.40ADA |
|     | 05.1025.14ADA |
|     | Mains Dimming |
|     | 05.1025.40ANI |
|     | 05.1025.14ANI |
|     | Casambi       |
|     | 05.1025.40ACB |
|     | 05.1025.14ACB |
|     | Non Dimmable  |
|     | 05.1026.40A   |
|     | 05.1026.14A   |
|     | Dali Version  |
|     | 05.1026.40ADA |
|     | 05.1026.14ADA |
|     | Mains Dimming |
|     | 05.1026.40ANI |
|     | 05.1026.14ANI |
|     | Casambi       |
|     | 05.1026.40ACB |
|     | 05.1026.14ACB |
|     | Non Dimmable  |
|     | 05.1027.40A   |
|     | 05.1027.14A   |
|     | Dali Version  |
|     | 05.1027.40ADA |
|     | 05.1027.14ADA |
|     | Mains Dimming |
|     | 05.1027.40ANI |
|     | 05.1027.14ANI |
|     | Casambi       |
|     | 05.1027.40ACB |
|     | 05.1027.14ACB |





# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.8300.40A

03.8300.14A

Dali Version

03.8300.40ADA

03.8300.14ADA

Mains Dimming

03.8300.40ANI

03.8300.14ANI

Casambi

03.8300.40ACB

03.8300.14ACB

Non Dimmable

03.8301.40A

03.8301.14A

Dali Version

03.8301.40ADA

03.8301.14ADA

Mains Dimming

03.8301.40ANI

03.8301.14ANI

Casambi

03.8301.40ACB

03.8301.14ACB

Non Dimmable

05.1030.40A

05.1030.14A

Dali Version

05.1030.40ADA

05.1030.14ADA

Mains Dimming

05.1030.40ANI

05.1030.14ANI

Casambi

05.1030.40ACB

05.1030.14ACB

Non Dimmable

05.1031.40A

05.1031.14A

Dali Version

05.1031.40ADA

05.1031.14ADA

Mains Dimming

05.1031.40ANI

05.1031.14ANI

Casambi

05.1031.40ACB

05.1031.14ACB

Non Dimmable

05.1032.40A

05.1032.14A

Dali Version

05.1032.40ADA

05.1032.14ADA

Mains Dimming

05.1032.40ANI

05.1032.14ANI

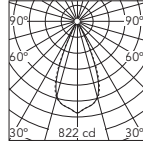
Casambi

05.1032.40ACB

05.1032.14ACB



WIDE  
FLOOD



Luminous flux luminaire  
441 lm (EXTREME CUT OFF)

@White (40)

## Optic Wide Flood 3000K

E I Non Dimmable

03.8304.40A

03.8304.14A

Dali Version

03.8304.40ADA

03.8304.14ADA

Mains Dimming

03.8304.40ANI

03.8304.14ANI

Casambi

03.8304.40ACB

03.8304.14ACB

Non Dimmable

03.8305.40A

03.8305.14A

Dali Version

03.8305.40ADA

03.8305.14ADA

Mains Dimming

03.8305.40ANI

03.8305.14ANI

Casambi

03.8305.40ACB

03.8305.14ACB

Non Dimmable

05.1035.40A

05.1035.14A

Dali Version

05.1035.40ADA

05.1035.14ADA

Mains Dimming

05.1035.40ANI

05.1035.14ANI

Casambi

05.1035.40ACB

05.1035.14ACB

Non Dimmable

05.1036.40A

05.1036.14A

Dali Version

05.1036.40ADA

05.1036.14ADA

Mains Dimming

05.1036.40ANI

05.1036.14ANI

Casambi

05.1036.40ACB

05.1036.14ACB

Non Dimmable

05.1037.40A

05.1037.14A

Dali Version

05.1037.40ADA

05.1037.14ADA

Mains Dimming

05.1037.40ANI

05.1037.14ANI

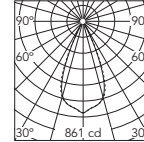
Casambi

05.1037.40ACB

05.1037.14ACB



WIDE  
FLOOD



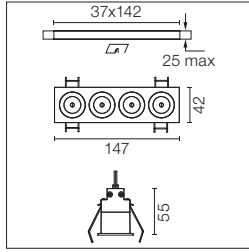
Luminous flux luminaire  
462 lm (EXTREME CUT OFF)

@White (40)

# LIGHT SHADOW

## Light Shadow Fixed Trim 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

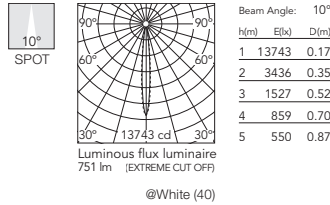
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

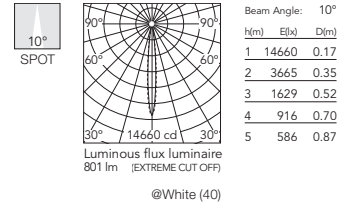
### Optic Spot 2700K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.8828.40A   |
| ■ | ■ | 03.8828.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.8828.40ADA |
| ■ | ■ | 03.8828.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.8828.40ANI |
| ■ | ■ | 03.8828.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.8828.40ACB |
| ■ | ■ | 03.8828.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 03.8829.40A   |
| ■ | ■ | 03.8829.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.8829.40ADA |
| ■ | ■ | 03.8829.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.8829.40ANI |
| ■ | ■ | 03.8829.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.8829.40ACB |
| ■ | ■ | 03.8829.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1100.40A   |
| ■ | ■ | 05.1100.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1100.40ADA |
| ■ | ■ | 05.1100.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1100.40ANI |
| ■ | ■ | 05.1100.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1100.40ACB |
| ■ | ■ | 05.1100.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1101.40A   |
| ■ | ■ | 05.1101.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1101.40ADA |
| ■ | ■ | 05.1101.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1101.40ANI |
| ■ | ■ | 05.1101.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1101.40ACB |
| ■ | ■ | 05.1101.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1102.40A   |
| ■ | ■ | 05.1102.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1102.40ADA |
| ■ | ■ | 05.1102.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1102.40ANI |
| ■ | ■ | 05.1102.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1102.40ACB |
| ■ | ■ | 05.1102.14ACB |











































### Optic Spot 3000K

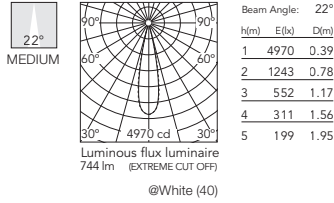
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|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.8832.40A   |
| ■ | ■ | 03.8832.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.8832.40ADA |
| ■ | ■ | 03.8832.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.8832.40ANI |
| ■ | ■ | 03.8832.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.8832.40ACB |
| ■ | ■ | 03.8832.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 03.8833.40A   |
| ■ | ■ | 03.8833.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.8833.40ADA |
| ■ | ■ | 03.8833.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.8833.40ANI |
| ■ | ■ | 03.8833.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.8833.40ACB |
| ■ | ■ | 03.8833.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1105.40A   |
| ■ | ■ | 05.1105.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1105.40ADA |
| ■ | ■ | 05.1105.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1105.40ANI |
| ■ | ■ | 05.1105.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1105.40ACB |
| ■ | ■ | 05.1105.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1106.40A   |
| ■ | ■ | 05.1106.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1106.40ADA |
| ■ | ■ | 05.1106.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1106.40ANI |
| ■ | ■ | 05.1106.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1106.40ACB |
| ■ | ■ | 05.1106.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1107.40A   |
| ■ | ■ | 05.1107.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1107.40ADA |
| ■ | ■ | 05.1107.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1107.40ANI |
| ■ | ■ | 05.1107.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1107.40ACB |
| ■ | ■ | 05.1107.14ACB |











































# LIGHT SHADOW

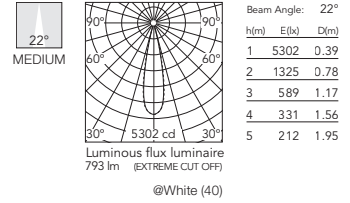
## Optic Medium 2700K

- E I Non Dimmable
-  03.9120.40A
  -  03.9120.14A  
Dali Version
  -  03.9120.40ADA
  -  03.9120.14ADA  
Mains Dimming
  -  03.9120.40ANI
  -  03.9120.14ANI  
Casambi
  -  03.9120.40ACB
  -  03.9120.14ACB  
Non Dimmable
  -  03.9121.40A
  -  03.9121.14A  
Dali Version
  -  03.9121.40ADA
  -  03.9121.14ADA  
Mains Dimming
  -  03.9121.40ANI
  -  03.9121.14ANI  
Casambi
  -  03.9121.40ACB
  -  03.9121.14ACB  
Non Dimmable
  -  05.1110.40A
  -  05.1110.14A  
Dali Version
  -  05.1110.40ADA
  -  05.1110.14ADA  
Mains Dimming
  -  05.1110.40ANI
  -  05.1110.14ANI  
Casambi
  -  05.1110.40ACB
  -  05.1110.14ACB  
Non Dimmable
  -  05.1111.40A
  -  05.1111.14A  
Dali Version
  -  05.1111.40ADA
  -  05.1111.14ADA  
Mains Dimming
  -  05.1111.40ANI
  -  05.1111.14ANI  
Casambi
  -  05.1111.40ACB
  -  05.1111.14ACB  
Non Dimmable
  -  05.1112.40A
  -  05.1112.14A  
Dali Version
  -  05.1112.40ADA
  -  05.1112.14ADA  
Mains Dimming
  -  05.1112.40ANI
  -  05.1112.14ANI  
Casambi
  -  05.1112.40ACB
  -  05.1112.14ACB



## Optic Medium 3000K

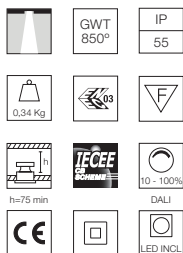
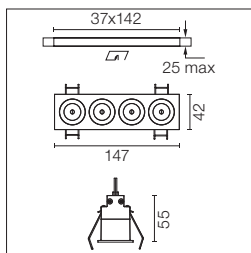
- E I Non Dimmable
-  03.9130.40A
  -  03.9130.14A  
Dali Version
  -  03.9130.40ADA
  -  03.9130.14ADA  
Mains Dimming
  -  03.9130.40ANI
  -  03.9130.14ANI  
Casambi
  -  03.9130.40ACB
  -  03.9130.14ACB  
Non Dimmable
  -  03.9131.40A
  -  03.9131.14A  
Dali Version
  -  03.9131.40ADA
  -  03.9131.14ADA  
Mains Dimming
  -  03.9131.40ANI
  -  03.9131.14ANI  
Casambi
  -  03.9131.40ACB
  -  03.9131.14ACB  
Non Dimmable
  -  05.1115.40A
  -  05.1115.14A  
Dali Version
  -  05.1115.40ADA
  -  05.1115.14ADA  
Mains Dimming
  -  05.1115.40ANI
  -  05.1115.14ANI  
Casambi
  -  05.1115.40ACB
  -  05.1115.14ACB  
Non Dimmable
  -  05.1116.40A
  -  05.1116.14A  
Dali Version
  -  05.1116.40ADA
  -  05.1116.14ADA  
Mains Dimming
  -  05.1116.40ANI
  -  05.1116.14ANI  
Casambi
  -  05.1116.40ACB
  -  05.1116.14ACB  
Non Dimmable
  -  05.1117.40A
  -  05.1117.14A  
Dali Version
  -  05.1117.40ADA
  -  05.1117.14ADA  
Mains Dimming
  -  05.1117.40ANI
  -  05.1117.14ANI  
Casambi
  -  05.1117.40ACB
  -  05.1117.14ACB



# LIGHT SHADOW

## Light Shadow Fixed Trim 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

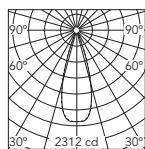
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

### Optic Flood 2700K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.9125.40A   |
| ■ | ■ | 03.9125.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 03.9125.40ADA |
| ■ | ■ | 03.9125.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 03.9125.40ANI |
| ■ | ■ | 03.9125.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 03.9125.40ACB |
| ■ | ■ | 03.9125.14ACB |
| ■ | ■ | Non Dimmable  |
| ■ | ■ | 03.9126.40A   |
| ■ | ■ | 03.9126.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 03.9126.40ADA |
| ■ | ■ | 03.9126.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 03.9126.40ANI |
| ■ | ■ | 03.9126.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 03.9126.40ACB |
| ■ | ■ | 03.9126.14ACB |
| ■ | ■ | Non Dimmable  |
| ■ | ■ | 05.1120.40A   |
| ■ | ■ | 05.1120.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 05.1120.40ADA |
| ■ | ■ | 05.1120.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 05.1120.40ANI |
| ■ | ■ | 05.1120.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 05.1120.40ACB |
| ■ | ■ | 05.1120.14ACB |
| ■ | ■ | Non Dimmable  |
| ■ | ■ | 05.1121.40A   |
| ■ | ■ | 05.1121.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 05.1121.40ADA |
| ■ | ■ | 05.1121.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 05.1121.40ANI |
| ■ | ■ | 05.1121.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 05.1121.40ACB |
| ■ | ■ | 05.1121.14ACB |
| ■ | ■ | Non Dimmable  |
| ■ | ■ | 05.1122.40A   |
| ■ | ■ | 05.1122.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 05.1122.40ADA |
| ■ | ■ | 05.1122.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 05.1122.40ANI |
| ■ | ■ | 05.1122.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 05.1122.40ACB |
| ■ | ■ | 05.1122.14ACB |



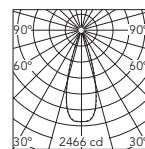
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2310	0.59
2	577	1.18
3	257	1.78
4	144	2.37
5	92	2.96

Luminous flux luminaire 741 lm (EXTREME CUT OFF)  
@White (40)

### Optic Flood 3000K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.9135.40A   |
| ■ | ■ | 03.9135.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 03.9135.40ADA |
| ■ | ■ | 03.9135.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 03.9135.40ANI |
| ■ | ■ | 03.9135.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 03.9135.40ACB |
| ■ | ■ | 03.9135.14ACB |
| ■ | ■ | Non Dimmable  |
| ■ | ■ | 03.9136.40A   |
| ■ | ■ | 03.9136.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 03.9136.40ADA |
| ■ | ■ | 03.9136.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 03.9136.40ANI |
| ■ | ■ | 03.9136.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 03.9136.40ACB |
| ■ | ■ | 03.9136.14ACB |
| ■ | ■ | Non Dimmable  |
| ■ | ■ | 05.1125.40A   |
| ■ | ■ | 05.1125.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 05.1125.40ADA |
| ■ | ■ | 05.1125.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 05.1125.40ANI |
| ■ | ■ | 05.1125.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 05.1125.40ACB |
| ■ | ■ | 05.1125.14ACB |
| ■ | ■ | Non Dimmable  |
| ■ | ■ | 05.1126.40A   |
| ■ | ■ | 05.1126.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 05.1126.40ADA |
| ■ | ■ | 05.1126.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 05.1126.40ANI |
| ■ | ■ | 05.1126.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 05.1126.40ACB |
| ■ | ■ | 05.1126.14ACB |
| ■ | ■ | Non Dimmable  |
| ■ | ■ | 05.1127.40A   |
| ■ | ■ | 05.1127.14A   |
| ■ | ■ | Dali Version  |
| ■ | ■ | 05.1127.40ADA |
| ■ | ■ | 05.1127.14ADA |
| ■ | ■ | Mains Dimming |
| ■ | ■ | 05.1127.40ANI |
| ■ | ■ | 05.1127.14ANI |
| ■ | ■ | Casambi       |
| ■ | ■ | 05.1127.40ACB |
| ■ | ■ | 05.1127.14ACB |



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2464	0.59
2	616	1.18
3	274	1.78
4	154	2.37
5	99	2.96

Luminous flux luminaire 790 lm (EXTREME CUT OFF)  
@White (40)

# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.8308.40A

03.8308.14A

Dali Version

03.8308.40ADA

03.8308.14ADA

Mains Dimming

03.8308.40ANI

03.8308.14ANI

Casambi

03.8308.40ACB

03.8308.14ACB

Non Dimmable

03.8309.40A

03.8309.14A

Dali Version

03.8309.40ADA

03.8309.14ADA

Mains Dimming

03.8309.40ANI

03.8309.14ANI

Casambi

03.8309.40ACB

03.8309.14ACB

Non Dimmable

05.1130.40A

05.1130.14A

Dali Version

05.1130.40ADA

05.1130.14ADA

Mains Dimming

05.1130.40ANI

05.1130.14ANI

Casambi

05.1130.40ACB

05.1130.14ACB

Non Dimmable

05.1131.40A

05.1131.14A

Dali Version

05.1131.40ADA

05.1131.14ADA

Mains Dimming

05.1131.40ANI

05.1131.14ANI

Casambi

05.1131.40ACB

05.1131.14ACB

Non Dimmable

05.1132.40A

05.1132.14A

Dali Version

05.1132.40ADA

05.1132.14ADA

Mains Dimming

05.1132.40ANI

05.1132.14ANI

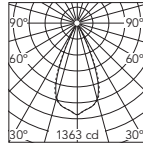
Casambi

05.1132.40ACB

05.1132.14ACB



WIDE  
FLOOD



Beam Angle: 45°

h(m) E(lx) D(m)

1 1363 0.83

2 341 1.67

3 151 2.50

4 85 3.34

5 55 4.17

## Optic Wide Flood 3000K

E I Non Dimmable

03.8312.40A

03.8312.14A

Dali Version

03.8312.40ADA

03.8312.14ADA

Mains Dimming

03.8312.40ANI

03.8312.14ANI

Casambi

03.8312.40ACB

03.8312.14ACB

Non Dimmable

03.8313.40A

03.8313.14A

Dali Version

03.8313.40ADA

03.8313.14ADA

Mains Dimming

03.8313.40ANI

03.8313.14ANI

Casambi

03.8313.40ACB

03.8313.14ACB

Non Dimmable

05.1135.40A

05.1135.14A

Dali Version

05.1135.40ADA

05.1135.14ADA

Mains Dimming

05.1135.40ANI

05.1135.14ANI

Casambi

05.1135.40ACB

05.1135.14ACB

Non Dimmable

05.1136.40A

05.1136.14A

Dali Version

05.1136.40ADA

05.1136.14ADA

Mains Dimming

05.1136.40ANI

05.1136.14ANI

Casambi

05.1136.40ACB

05.1136.14ACB

Non Dimmable

05.1137.40A

05.1137.14A

Dali Version

05.1137.40ADA

05.1137.14ADA

Mains Dimming

05.1137.40ANI

05.1137.14ANI

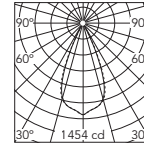
Casambi

05.1137.40ACB

05.1137.14ACB



WIDE  
FLOOD



Beam Angle: 45°

h(m) E(lx) D(m)

1 1454 0.83

2 363 1.67

3 162 2.50

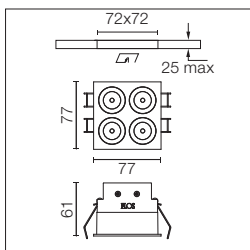
4 91 3.34

5 58 4.17

# LIGHT SHADOW

## Light Shadow Fixed Trim 4 Spots Square

Light Source: Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140 lm - 3000K/CRI 90



GWT  
850°



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.



0,34 Kg



10 - 100%



LED INCL



E= Finitura Esterna  
I= Finitura Interna

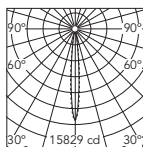
E= External Finish  
I= Internal Finish



IP  
55

### Optic Spot 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 05.0600.40    |
|     | 05.0600.14    |
|     | Dali Version  |
|     | 05.0600.40.DA |
|     | 05.0600.14.DA |
|     | Mains Dimming |
|     | 05.0600.40.NI |
|     | 05.0600.14.NI |
|     | Casambi       |
|     | 05.0600.40.CB |
|     | 05.0600.14.CB |
|     | Non Dimmable  |
|     | 05.0601.40    |
|     | 05.0601.14    |
|     | Dali Version  |
|     | 05.0601.40.DA |
|     | 05.0601.14.DA |
|     | Mains Dimming |
|     | 05.0601.40.NI |
|     | 05.0601.14.NI |
|     | Casambi       |
|     | 05.0601.40.CB |
|     | 05.0601.14.CB |
|     | Non Dimmable  |
|     | 05.0603.40    |
|     | 05.0603.14    |
|     | Dali Version  |
|     | 05.0603.40.DA |
|     | 05.0603.14.DA |
|     | Mains Dimming |
|     | 05.0603.40.NI |
|     | 05.0603.14.NI |
|     | Casambi       |
|     | 05.0603.40.CB |
|     | 05.0603.14.CB |
|     | Non Dimmable  |
|     | 05.0604.40    |
|     | 05.0604.14    |
|     | Dali Version  |
|     | 05.0604.40.DA |
|     | 05.0604.14.DA |
|     | Mains Dimming |
|     | 05.0604.40.NI |
|     | 05.0604.14.NI |
|     | Casambi       |
|     | 05.0604.40.CB |
|     | 05.0604.14.CB |
|     | Non Dimmable  |
|     | 05.0602.40    |
|     | 05.0602.14    |
|     | Dali Version  |
|     | 05.0602.40.DA |
|     | 05.0602.14.DA |
|     | Mains Dimming |
|     | 05.0602.40.NI |
|     | 05.0602.14.NI |
|     | Casambi       |
|     | 05.0602.40.CB |
|     | 05.0602.14.CB |



Beam Angle: 10°

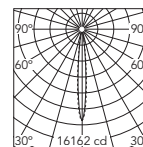
h(m)	E(lx)	D(m)
1	15829	0.17
2	3957	0.35
3	1759	0.52
4	989	0.70
5	633	0.87

Luminous flux luminaire 865 lm (EXTREME CUT OFF)

@White (40)

### Optic Spot 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 05.0605.40    |
|     | 05.0605.14    |
|     | Dali Version  |
|     | 05.0605.40.DA |
|     | 05.0605.14.DA |
|     | Mains Dimming |
|     | 05.0605.40.NI |
|     | 05.0605.14.NI |
|     | Casambi       |
|     | 05.0605.40.CB |
|     | 05.0605.14.CB |
|     | Non Dimmable  |
|     | 05.0606.40    |
|     | 05.0606.14    |
|     | Dali Version  |
|     | 05.0606.40.DA |
|     | 05.0606.14.DA |
|     | Mains Dimming |
|     | 05.0606.40.NI |
|     | 05.0606.14.NI |
|     | Casambi       |
|     | 05.0606.40.CB |
|     | 05.0606.14.CB |
|     | Non Dimmable  |
|     | 05.0608.40    |
|     | 05.0608.14    |
|     | Dali Version  |
|     | 05.0608.40.DA |
|     | 05.0608.14.DA |
|     | Mains Dimming |
|     | 05.0608.40.NI |
|     | 05.0608.14.NI |
|     | Casambi       |
|     | 05.0608.40.CB |
|     | 05.0608.14.CB |
|     | Non Dimmable  |
|     | 05.0609.40    |
|     | 05.0609.14    |
|     | Dali Version  |
|     | 05.0609.40.DA |
|     | 05.0609.14.DA |
|     | Mains Dimming |
|     | 05.0609.40.NI |
|     | 05.0609.14.NI |
|     | Casambi       |
|     | 05.0609.40.CB |
|     | 05.0609.14.CB |
|     | Non Dimmable  |
|     | 05.0607.40    |
|     | 05.0607.14    |
|     | Dali Version  |
|     | 05.0607.40.DA |
|     | 05.0607.14.DA |
|     | Mains Dimming |
|     | 05.0607.40.NI |
|     | 05.0607.14.NI |
|     | Casambi       |
|     | 05.0607.40.CB |
|     | 05.0607.14.CB |



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	16162	0.17
2	4040	0.35
3	1796	0.52
4	1010	0.70
5	647	0.87

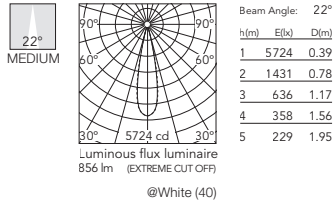
Luminous flux luminaire 883 lm (EXTREME CUT OFF)

@White (40)

# LIGHT SHADOW

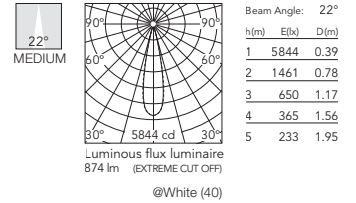
## Optic Medium 2700K

E	I	Non Dimmable
		05.0610.40
		05.0610.14
		Dali Version
		05.0610.40.DA
		05.0610.14.DA
		Mains Dimming
		05.0610.40.NI
		05.0610.14.NI
		Casambi
		05.0610.40.CB
		05.0610.14.CB
		Non Dimmable
		05.0611.40
		05.0611.14
		Dali Version
		05.0611.40.DA
		05.0611.14.DA
		Mains Dimming
		05.0611.40.NI
		05.0611.14.NI
		Casambi
		05.0611.40.CB
		05.0611.14.CB
		Non Dimmable
		05.0613.40
		05.0613.14
		Dali Version
		05.0613.40.DA
		05.0613.14.DA
		Mains Dimming
		05.0613.40.NI
		05.0613.14.NI
		Casambi
		05.0613.40.CB
		05.0613.14.CB
		Non Dimmable
		05.0614.40
		05.0614.14
		Dali Version
		05.0614.40.DA
		05.0614.14.DA
		Mains Dimming
		05.0614.40.NI
		05.0614.14.NI
		Casambi
		05.0614.40.CB
		05.0614.14.CB
		Non Dimmable
		05.0612.40
		05.0612.14
		Dali Version
		05.0612.40.DA
		05.0612.14.DA
		Mains Dimming
		05.0612.40.NI
		05.0612.14.NI
		Casambi
		05.0612.40.CB
		05.0612.14.CB



## Optic Medium 3000K

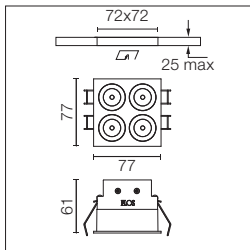
E	I	Non Dimmable
		05.0615.40
		05.0615.14
		Dali Version
		05.0615.40.DA
		05.0615.14.DA
		Mains Dimming
		05.0615.40.NI
		05.0615.14.NI
		Casambi
		05.0615.40.CB
		05.0615.14.CB
		Non Dimmable
		05.0616.40
		05.0616.14
		Dali Version
		05.0616.40.DA
		05.0616.14.DA
		Mains Dimming
		05.0616.40.NI
		05.0616.14.NI
		Casambi
		05.0616.40.CB
		05.0616.14.CB
		Non Dimmable
		05.0618.40
		05.0618.14
		Dali Version
		05.0618.40.DA
		05.0618.14.DA
		Mains Dimming
		05.0618.40.NI
		05.0618.14.NI
		Casambi
		05.0618.40.CB
		05.0618.14.CB
		Non Dimmable
		05.0619.40
		05.0619.14
		Dali Version
		05.0619.40.DA
		05.0619.14.DA
		Mains Dimming
		05.0619.40.NI
		05.0619.14.NI
		Casambi
		05.0619.40.CB
		05.0619.14.CB
		Non Dimmable
		05.0617.40
		05.0617.14
		Dali Version
		05.0617.40.DA
		05.0617.14.DA
		Mains Dimming
		05.0617.40.NI
		05.0617.14.NI
		Casambi
		05.0617.40.CB
		05.0617.14.CB



# LIGHT SHADOW

## Light Shadow Fixed Trim 4 Spots Square

Light Source: Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140 lm - 3000K/CRI 90



GWT  
850°



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.



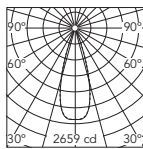
E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish



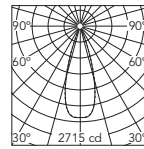
### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 05.0620.40    |
|     | 05.0620.14    |
|     | Dali Version  |
|     | 05.0620.40.DA |
|     | 05.0620.14.DA |
|     | Mains Dimming |
|     | 05.0620.40.NI |
|     | 05.0620.14.NI |
|     | Casambi       |
|     | 05.0620.40.CB |
|     | 05.0620.14.CB |
|     | Non Dimmable  |
|     | 05.0621.40    |
|     | 05.0621.14    |
|     | Dali Version  |
|     | 05.0621.40.DA |
|     | 05.0621.14.DA |
|     | Mains Dimming |
|     | 05.0621.40.NI |
|     | 05.0621.14.NI |
|     | Casambi       |
|     | 05.0621.40.CB |
|     | 05.0621.14.CB |
|     | Non Dimmable  |
|     | 05.0623.40    |
|     | 05.0623.14    |
|     | Dali Version  |
|     | 05.0623.40.DA |
|     | 05.0623.14.DA |
|     | Mains Dimming |
|     | 05.0623.40.NI |
|     | 05.0623.14.NI |
|     | Casambi       |
|     | 05.0623.40.CB |
|     | 05.0623.14.CB |
|     | Non Dimmable  |
|     | 05.0624.40    |
|     | 05.0624.14    |
|     | Dali Version  |
|     | 05.0624.40.DA |
|     | 05.0624.14.DA |
|     | Mains Dimming |
|     | 05.0624.40.NI |
|     | 05.0624.14.NI |
|     | Casambi       |
|     | 05.0624.40.CB |
|     | 05.0624.14.CB |
|     | Non Dimmable  |
|     | 05.0622.40    |
|     | 05.0622.14    |
|     | Dali Version  |
|     | 05.0622.40.DA |
|     | 05.0622.14.DA |
|     | Mains Dimming |
|     | 05.0622.40.NI |
|     | 05.0622.14.NI |
|     | Casambi       |
|     | 05.0622.40.CB |
|     | 05.0622.14.CB |



### Optic Flood 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 05.0625.40    |
|     | 05.0625.14    |
|     | Dali Version  |
|     | 05.0625.40.DA |
|     | 05.0625.14.DA |
|     | Mains Dimming |
|     | 05.0625.40.NI |
|     | 05.0625.14.NI |
|     | Casambi       |
|     | 05.0625.40.CB |
|     | 05.0625.14.CB |
|     | Non Dimmable  |
|     | 05.0626.40    |
|     | 05.0626.14    |
|     | Dali Version  |
|     | 05.0626.40.DA |
|     | 05.0626.14.DA |
|     | Mains Dimming |
|     | 05.0626.40.NI |
|     | 05.0626.14.NI |
|     | Casambi       |
|     | 05.0626.40.CB |
|     | 05.0626.14.CB |
|     | Non Dimmable  |
|     | 05.0628.40    |
|     | 05.0628.14    |
|     | Dali Version  |
|     | 05.0628.40.DA |
|     | 05.0628.14.DA |
|     | Mains Dimming |
|     | 05.0628.40.NI |
|     | 05.0628.14.NI |
|     | Casambi       |
|     | 05.0628.40.CB |
|     | 05.0628.14.CB |
|     | Non Dimmable  |
|     | 05.0629.40    |
|     | 05.0629.14    |
|     | Dali Version  |
|     | 05.0629.40.DA |
|     | 05.0629.14.DA |
|     | Mains Dimming |
|     | 05.0629.40.NI |
|     | 05.0629.14.NI |
|     | Casambi       |
|     | 05.0629.40.CB |
|     | 05.0629.14.CB |
|     | Non Dimmable  |
|     | 05.0627.40    |
|     | 05.0627.14    |
|     | Dali Version  |
|     | 05.0627.40.DA |
|     | 05.0627.14.DA |
|     | Mains Dimming |
|     | 05.0627.40.NI |
|     | 05.0627.14.NI |
|     | Casambi       |
|     | 05.0627.40.CB |
|     | 05.0627.14.CB |

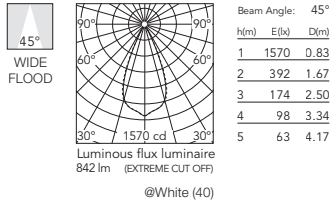




# LIGHT SHADOW

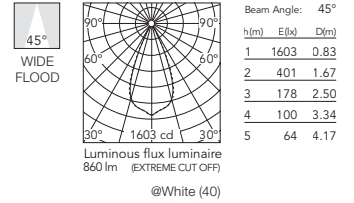
## Optic Wide Flood 2700K

E I	Non Dimmable
	05.0630.40
	05.0630.14
	Dali Version
	05.0630.40.DA
	05.0630.14.DA
	Mains Dimming
	05.0630.40.NI
	05.0630.14.NI
	Casambi
	05.0630.40.CB
	05.0630.14.CB
	Non Dimmable
	05.0631.40
	05.0631.14
	Dali Version
	05.0631.40.DA
	05.0631.14.DA
	Mains Dimming
	05.0631.40.NI
	05.0631.14.NI
	Casambi
	05.0631.40.CB
	05.0631.14.CB
	Non Dimmable
	05.0633.40
	05.0633.14
	Dali Version
	05.0633.40.DA
	05.0633.14.DA
	Mains Dimming
	05.0633.40.NI
	05.0633.14.NI
	Casambi
	05.0633.40.CB
	05.0633.14.CB
	Non Dimmable
	05.0634.40
	05.0634.14
	Dali Version
	05.0634.40.DA
	05.0634.14.DA
	Mains Dimming
	05.0634.40.NI
	05.0634.14.NI
	Casambi
	05.0634.40.CB
	05.0634.14.CB
	Non Dimmable
	05.0632.40
	05.0632.14
	Dali Version
	05.0632.40.DA
	05.0632.14.DA
	Mains Dimming
	05.0632.40.NI
	05.0632.14.NI
	Casambi
	05.0632.40.CB
	05.0632.14.CB



## Optic Wide Flood 3000K

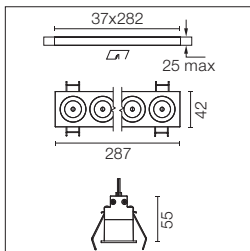
E I	Non Dimmable
	05.0635.40
	05.0635.14
	Dali Version
	05.0635.40.DA
	05.0635.14.DA
	Mains Dimming
	05.0635.40.NI
	05.0635.14.NI
	Casambi
	05.0635.40.CB
	05.0635.14.CB
	Non Dimmable
	05.0636.40
	05.0636.14
	Dali Version
	05.0636.40.DA
	05.0636.14.DA
	Mains Dimming
	05.0636.40.NI
	05.0636.14.NI
	Casambi
	05.0636.40.CB
	05.0636.14.CB
	Non Dimmable
	05.0638.40
	05.0638.14
	Dali Version
	05.0638.40.DA
	05.0638.14.DA
	Mains Dimming
	05.0638.40.NI
	05.0638.14.NI
	Casambi
	05.0638.40.CB
	05.0638.14.CB
	Non Dimmable
	05.0639.40
	05.0639.14
	Dali Version
	05.0639.40.DA
	05.0639.14.DA
	Mains Dimming
	05.0639.40.NI
	05.0639.14.NI
	Casambi
	05.0639.40.CB
	05.0639.14.CB
	Non Dimmable
	05.0637.40
	05.0637.14
	Dali Version
	05.0637.40.DA
	05.0637.14.DA
	Mains Dimming
	05.0637.40.NI
	05.0637.14.NI
	Casambi
	05.0637.40.CB
	05.0637.14.CB



# LIGHT SHADOW

## Light Shadow Fixed Trim 8 Spots

**Light Source:** Power LED DC 900 mA 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 18,6W - 1800 lm - 2700K/CRI 90 / 18,6W - 1900 lm - 3000K/CRI 90



GWT 850°  
 IP 55  
 0.50 Kg  
 0.03  
 h=75 min  
 CE  
 TECEE  
 10-100%  
 DALI  
 LED INCL

Apparecchio per illuminazione da incasso con 8 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

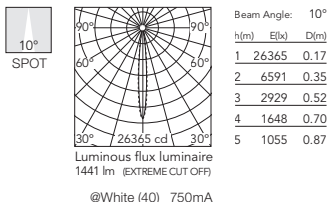
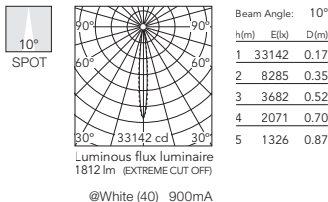
Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

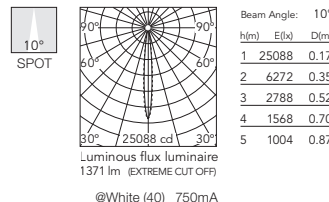
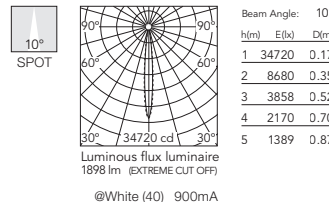
### Optic Spot 2700K

- |   |   |                                |
|---|---|--------------------------------|
| E | I | Non Dimmable                   |
|   |   | 03.8836.40A<br>03.8836.14A     |
|   |   | Dali Version                   |
|   |   | 03.8836.40ADA<br>03.8836.14ADA |
|   |   | Mains Dimming                  |
|   |   | 03.8836.40ANI<br>03.8836.14ANI |
|   |   | Casambi                        |
|   |   | 03.8836.40ACB<br>03.8836.14ACB |
|   |   | Non Dimmable                   |
|   |   | 03.8837.40A<br>03.8837.14A     |
|   |   | Dali Version                   |
|   |   | 03.8837.40ADA<br>03.8837.14ADA |
|   |   | Mains Dimming                  |
|   |   | 03.8837.40ANI<br>03.8837.14ANI |
|   |   | Casambi                        |
|   |   | 03.8837.40ACB<br>03.8837.14ACB |
|   |   | Non Dimmable                   |
|   |   | 05.1200.40A<br>05.1200.14A     |
|   |   | Dali Version                   |
|   |   | 05.1200.40ADA<br>05.1200.14ADA |
|   |   | Mains Dimming                  |
|   |   | 05.1200.40ANI<br>05.1200.14ANI |
|   |   | Casambi                        |
|   |   | 05.1200.40ACB<br>05.1200.14ACB |
|   |   | Non Dimmable                   |
|   |   | 05.1201.40A<br>05.1201.14A     |
|   |   | Dali Version                   |
|   |   | 05.1201.40ADA<br>05.1201.14ADA |
|   |   | Mains Dimming                  |
|   |   | 05.1201.40ANI<br>05.1201.14ANI |
|   |   | Casambi                        |
|   |   | 05.1201.40ACB<br>05.1201.14ACB |
|   |   | Non Dimmable                   |
|   |   | 05.1202.40A<br>05.1202.14A     |
|   |   | Dali Version                   |
|   |   | 05.1202.40ADA<br>05.1202.14ADA |
|   |   | Mains Dimming                  |
|   |   | 05.1202.40ANI<br>05.1202.14ANI |
|   |   | Casambi                        |
|   |   | 05.1202.40ACB<br>05.1202.14ACB |











































### Optic Spot 3000K

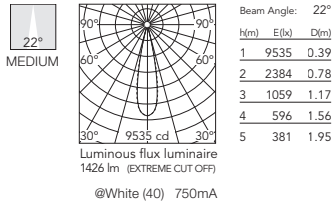
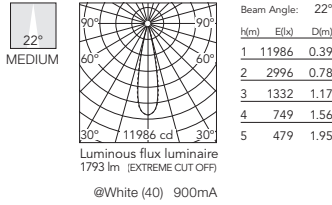
- |   |   |                                |
|---|---|--------------------------------|
| E | I | Non Dimmable                   |
|   |   | 03.8840.40A<br>03.8840.14A     |
|   |   | Dali Version                   |
|   |   | 03.8840.40ADA<br>03.8840.14ADA |
|   |   | Mains Dimming                  |
|   |   | 03.8840.40ANI<br>03.8840.14ANI |
|   |   | Casambi                        |
|   |   | 03.8840.40ACB<br>03.8840.14ACB |
|   |   | Non Dimmable                   |
|   |   | 03.8841.40A<br>03.8841.14A     |
|   |   | Dali Version                   |
|   |   | 03.8841.40ADA<br>03.8841.14ADA |
|   |   | Mains Dimming                  |
|   |   | 03.8841.40ANI<br>03.8841.14ANI |
|   |   | Casambi                        |
|   |   | 03.8841.40ACB<br>03.8841.14ACB |
|   |   | Non Dimmable                   |
|   |   | 05.1205.40A<br>05.1205.14A     |
|   |   | Dali Version                   |
|   |   | 05.1205.40ADA<br>05.1205.14ADA |
|   |   | Mains Dimming                  |
|   |   | 05.1205.40ANI<br>05.1205.14ANI |
|   |   | Casambi                        |
|   |   | 05.1205.40ACB<br>05.1205.14ACB |
|   |   | Non Dimmable                   |
|   |   | 05.1206.40A<br>05.1206.14A     |
|   |   | Dali Version                   |
|   |   | 05.1206.40ADA<br>05.1206.14ADA |
|   |   | Mains Dimming                  |
|   |   | 05.1206.40ANI<br>05.1206.14ANI |
|   |   | Casambi                        |
|   |   | 05.1206.40ACB<br>05.1206.14ACB |
|   |   | Non Dimmable                   |
|   |   | 05.1207.40A<br>05.1207.14A     |
|   |   | Dali Version                   |
|   |   | 05.1207.40ADA<br>05.1207.14ADA |
|   |   | Mains Dimming                  |
|   |   | 05.1207.40ANI<br>05.1207.14ANI |
|   |   | Casambi                        |
|   |   | 05.1207.40ACB<br>05.1207.14ACB |











































# LIGHT SHADOW

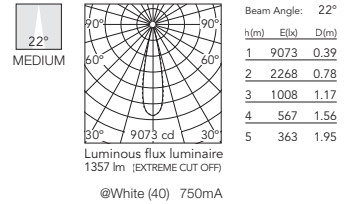
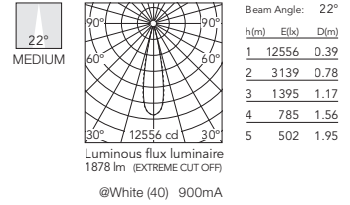
## Optic Medium 2700K

- E I Non Dimmable
-  03.9140.40A
  -  03.9140.14A
  - Dali Version
  -  03.9140.40ADA
  -  03.9140.14ADA
  - Mains Dimming
  -  03.9140.40ANI
  -  03.9140.14ANI
  - Casambi
  -  03.9140.40ACB
  -  03.9140.14ACB
  - Non Dimmable
  -  03.9141.40A
  -  03.9141.14A
  - Dali Version
  -  03.9141.40ADA
  -  03.9141.14ADA
  - Mains Dimming
  -  03.9141.40ANI
  -  03.9141.14ANI
  - Casambi
  -  03.9141.40ACB
  -  03.9141.14ACB
  - Non Dimmable
  -  05.1210.40A
  -  05.1210.14A
  - Dali Version
  -  05.1210.40ADA
  -  05.1210.14ADA
  - Mains Dimming
  -  05.1210.40ANI
  -  05.1210.14ANI
  - Casambi
  -  05.1210.40ACB
  -  05.1210.14ACB
  - Non Dimmable
  -  05.1211.40A
  -  05.1211.14A
  - Dali Version
  -  05.1211.40ADA
  -  05.1211.14ADA
  - Mains Dimming
  -  05.1211.40ANI
  -  05.1211.14ANI
  - Casambi
  -  05.1211.40ACB
  -  05.1211.14ACB
  - Non Dimmable
  -  05.1212.40A
  -  05.1212.14A
  - Dali Version
  -  05.1212.40ADA
  -  05.1212.14ADA
  - Mains Dimming
  -  05.1212.40ANI
  -  05.1212.14ANI
  - Casambi
  -  05.1212.40ACB
  -  05.1212.14ACB



## Optic Medium 3000K

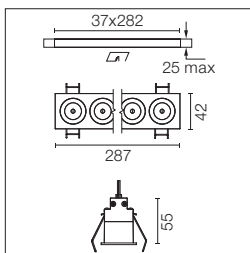
- E I Non Dimmable
-  03.9150.40A
  -  03.9150.14A
  - Dali Version
  -  03.9150.40ADA
  -  03.9150.14ADA
  - Mains Dimming
  -  03.9150.40ANI
  -  03.9150.14ANI
  - Casambi
  -  03.9150.40ACB
  -  03.9150.14ACB
  - Non Dimmable
  -  03.9151.40A
  -  03.9151.14A
  - Dali Version
  -  03.9151.40ADA
  -  03.9151.14ADA
  - Mains Dimming
  -  03.9151.40ANI
  -  03.9151.14ANI
  - Casambi
  -  03.9151.40ACB
  -  03.9151.14ACB
  - Non Dimmable
  -  05.1215.40A
  -  05.1215.14A
  - Dali Version
  -  05.1215.40ADA
  -  05.1215.14ADA
  - Mains Dimming
  -  05.1215.40ANI
  -  05.1215.14ANI
  - Casambi
  -  05.1215.40ACB
  -  05.1215.14ACB
  - Non Dimmable
  -  05.1216.40A
  -  05.1216.14A
  - Dali Version
  -  05.1216.40ADA
  -  05.1216.14ADA
  - Mains Dimming
  -  05.1216.40ANI
  -  05.1216.14ANI
  - Casambi
  -  05.1216.40ACB
  -  05.1216.14ACB
  - Non Dimmable
  -  05.1217.40A
  -  05.1217.14A
  - Dali Version
  -  05.1217.40ADA
  -  05.1217.14ADA
  - Mains Dimming
  -  05.1217.40ANI
  -  05.1217.14ANI
  - Casambi
  -  05.1217.40ACB
  -  05.1217.14ACB



# LIGHT SHADOW

## Light Shadow Fixed Trim 8 Spots

**Light Source:** Power LED DC 900 mA 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 18,6W - 1800 lm - 2700K/CRI 90 / 18,6W - 1900 lm - 3000K/CRI 90



GWT 850°  
 IP 55  
 0.50 Kg  
 0.03  
 h=75 min  
 TECEE  
 10-100%  
 DALI  
 LED INCL  
 CE

Apparecchio per illuminazione da incasso con 8 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

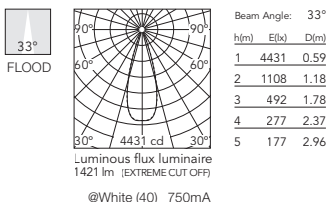
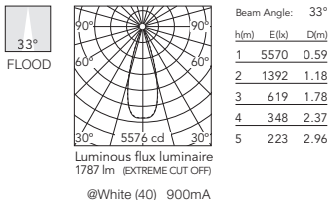
Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

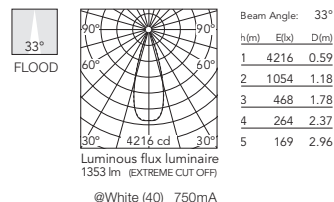
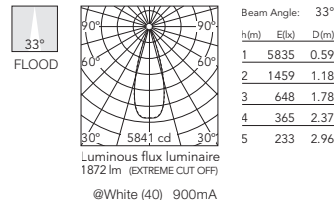
### Optic Flood 2700K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
|   |   | 03.9145.40A   |
|   |   | 03.9145.14A   |
|   |   | Dali Version  |
|   |   | 03.9145.40ADA |
|   |   | 03.9145.14ADA |
|   |   | Mains Dimming |
|   |   | 03.9145.40ANI |
|   |   | 03.9145.14ANI |
|   |   | Casambi       |
|   |   | 03.9145.40ACB |
|   |   | 03.9145.14ACB |
|   |   | Non Dimmable  |
|   |   | 03.9146.40A   |
|   |   | 03.9146.14A   |
|   |   | Dali Version  |
|   |   | 03.9146.40ADA |
|   |   | 03.9146.14ADA |
|   |   | Mains Dimming |
|   |   | 03.9146.40ANI |
|   |   | 03.9146.14ANI |
|   |   | Casambi       |
|   |   | 03.9146.40ACB |
|   |   | 03.9146.14ACB |
|   |   | Non Dimmable  |
|   |   | 05.1220.40A   |
|   |   | 05.1220.14A   |
|   |   | Dali Version  |
|   |   | 05.1220.40ADA |
|   |   | 05.1220.14ADA |
|   |   | Mains Dimming |
|   |   | 05.1220.40ANI |
|   |   | 05.1220.14ANI |
|   |   | Casambi       |
|   |   | 05.1220.40ACB |
|   |   | 05.1220.14ACB |
|   |   | Non Dimmable  |
|   |   | 05.1221.40A   |
|   |   | 05.1221.14A   |
|   |   | Dali Version  |
|   |   | 05.1221.40ADA |
|   |   | 05.1221.14ADA |
|   |   | Mains Dimming |
|   |   | 05.1221.40ANI |
|   |   | 05.1221.14ANI |
|   |   | Casambi       |
|   |   | 05.1221.40ACB |
|   |   | 05.1221.14ACB |
|   |   | Non Dimmable  |
|   |   | 05.1222.40A   |
|   |   | 05.1222.14A   |
|   |   | Dali Version  |
|   |   | 05.1222.40ADA |
|   |   | 05.1222.14ADA |
|   |   | Mains Dimming |
|   |   | 05.1222.40ANI |
|   |   | 05.1222.14ANI |
|   |   | Casambi       |
|   |   | 05.1222.40ACB |
|   |   | 05.1222.14ACB |



### Optic Flood 3000K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
|   |   | 03.9155.40A   |
|   |   | 03.9155.14A   |
|   |   | Dali Version  |
|   |   | 03.9155.40ADA |
|   |   | 03.9155.14ADA |
|   |   | Mains Dimming |
|   |   | 03.9155.40ANI |
|   |   | 03.9155.14ANI |
|   |   | Casambi       |
|   |   | 03.9155.40ACB |
|   |   | 03.9155.14ACB |
|   |   | Non Dimmable  |
|   |   | 03.9156.40A   |
|   |   | 03.9156.14A   |
|   |   | Dali Version  |
|   |   | 03.9156.40ADA |
|   |   | 03.9156.14ADA |
|   |   | Mains Dimming |
|   |   | 03.9156.40ANI |
|   |   | 03.9156.14ANI |
|   |   | Casambi       |
|   |   | 03.9156.40ACB |
|   |   | 03.9156.14ACB |
|   |   | Non Dimmable  |
|   |   | 05.1225.40A   |
|   |   | 05.1225.14A   |
|   |   | Dali Version  |
|   |   | 05.1225.40ADA |
|   |   | 05.1225.14ADA |
|   |   | Mains Dimming |
|   |   | 05.1225.40ANI |
|   |   | 05.1225.14ANI |
|   |   | Casambi       |
|   |   | 05.1225.40ACB |
|   |   | 05.1225.14ACB |
|   |   | Non Dimmable  |
|   |   | 05.1226.40A   |
|   |   | 05.1226.14A   |
|   |   | Dali Version  |
|   |   | 05.1226.40ADA |
|   |   | 05.1226.14ADA |
|   |   | Mains Dimming |
|   |   | 05.1226.40ANI |
|   |   | 05.1226.14ANI |
|   |   | Casambi       |
|   |   | 05.1226.40ACB |
|   |   | 05.1226.14ACB |
|   |   | Non Dimmable  |
|   |   | 05.1227.40A   |
|   |   | 05.1227.14A   |
|   |   | Dali Version  |
|   |   | 05.1227.40ADA |
|   |   | 05.1227.14ADA |
|   |   | Mains Dimming |
|   |   | 05.1227.40ANI |
|   |   | 05.1227.14ANI |
|   |   | Casambi       |
|   |   | 05.1227.40ACB |
|   |   | 05.1227.14ACB |



# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.8316.40A

03.8316.14A

Dali Version

03.8316.40ADA

03.8316.14ADA

Mains Dimming

03.8316.40ANI

03.8316.14ANI

Casambi

03.8316.40ACB

03.8316.14ACB

Non Dimmable

03.8317.40A

03.8317.14A

Dali Version

03.8317.40ADA

03.8317.14ADA

Mains Dimming

03.8317.40ANI

03.8317.14ANI

Casambi

03.8317.40ACB

03.8317.14ACB

Non Dimmable

05.1230.40A

05.1230.14A

Dali Version

05.1230.40ADA

05.1230.14ADA

Mains Dimming

05.1230.40ANI

05.1230.14ANI

Casambi

05.1230.40ACB

05.1230.14ACB

Non Dimmable

05.1231.40A

05.1231.14A

Dali Version

05.1231.40ADA

05.1231.14ADA

Mains Dimming

05.1231.40ANI

05.1231.14ANI

Casambi

05.1231.40ACB

05.1231.14ACB

Non Dimmable

05.1232.40A

05.1232.14A

Dali Version

05.1232.40ADA

05.1232.14ADA

Mains Dimming

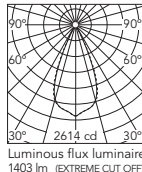
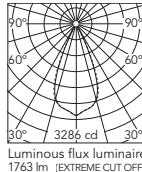
05.1232.40ANI

05.1232.14ANI

Casambi

05.1232.40ACB

05.1232.14ACB



## Optic Wide Flood 3000K

E I Non Dimmable

03.8320.40A

03.8320.14A

Dali Version

03.8320.40ADA

03.8320.14ADA

Mains Dimming

03.8320.40ANI

03.8320.14ANI

Casambi

03.8320.40ACB

03.8320.14ACB

Non Dimmable

03.8321.40A

03.8321.14A

Dali Version

03.8321.40ADA

03.8321.14ADA

Mains Dimming

03.8321.40ANI

03.8321.14ANI

Casambi

03.8321.40ACB

03.8321.14ACB

Non Dimmable

05.1235.40A

05.1235.14A

Dali Version

05.1235.40ADA

05.1235.14ADA

Mains Dimming

05.1235.40ANI

05.1235.14ANI

Casambi

05.1235.40ACB

05.1235.14ACB

Non Dimmable

05.1236.40A

05.1236.14A

Dali Version

05.1236.40ADA

05.1236.14ADA

Mains Dimming

05.1236.40ANI

05.1236.14ANI

Casambi

05.1236.40ACB

05.1236.14ACB

Non Dimmable

05.1237.40A

05.1237.14A

Dali Version

05.1237.40ADA

05.1237.14ADA

Mains Dimming

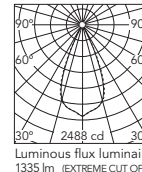
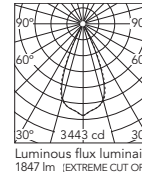
05.1237.40ANI

05.1237.14ANI

Casambi

05.1237.40ACB

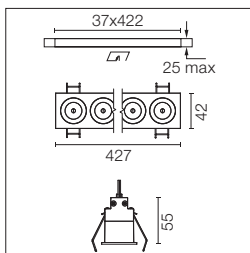
05.1237.14ACB



# LIGHT SHADOW

## Light Shadow Fixed Trim 12 Spots

**Light Source:** Power LED DC 900 mA 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 28W - 2710 lm - 2700K/CRI 90 / 28W - 2860 lm - 3000K/CRI 90



	GWT 850°		IP 55
	0.66 Kg		0.03
	h=75 min		TECEE
	CE		10-100%
	DALI		LED INCL

Apparecchio per illuminazione da incasso con 12 spot LED.  
 Alimentazione remota inclusa (220-240V).  
 Non richiede cornice di pre-installazione.

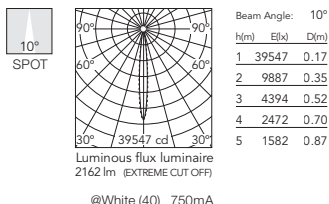
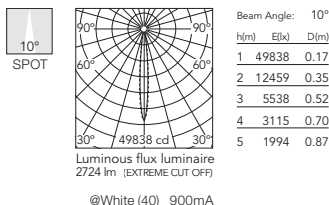
Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

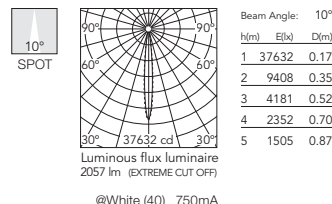
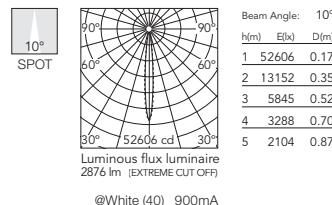
### Optic Spot 2700K

- |     |                     |  |
|-----|---------------------|--|
| E I | Non Dimmable        |  |
|     | 03.8844.40A         |  |
|     | 03.8844.14A         |  |
|     | Dali & Push Version |  |
|     | 03.8844.40BDA       |  |
|     | 03.8844.14BDA       |  |
|     | Mains Dimming       |  |
|     | 03.8844.40ANI       |  |
|     | 03.8844.14ANI       |  |
|     | Casambi             |  |
|     | 03.8844.40ACB       |  |
|     | 03.8844.14ACB       |  |
|     | Non Dimmable        |  |
|     | 03.8845.40A         |  |
|     | 03.8845.14A         |  |
|     | Dali & Push Version |  |
|     | 03.8845.40BDA       |  |
|     | 03.8845.14BDA       |  |
|     | Mains Dimming       |  |
|     | 03.8845.40ANI       |  |
|     | 03.8845.14ANI       |  |
|     | Casambi             |  |
|     | 03.8845.40ACB       |  |
|     | 03.8845.14ACB       |  |
|     | Non Dimmable        |  |
|     | 05.1300.40A         |  |
|     | 05.1300.14A         |  |
|     | Dali & Push Version |  |
|     | 05.1300.40BDA       |  |
|     | 05.1300.14BDA       |  |
|     | Mains Dimming       |  |
|     | 05.1300.40ANI       |  |
|     | 05.1300.14ANI       |  |
|     | Casambi             |  |
|     | 05.1300.40ACB       |  |
|     | 05.1300.14ACB       |  |
|     | Non Dimmable        |  |
|     | 05.1301.40A         |  |
|     | 05.1301.14A         |  |
|     | Dali & Push Version |  |
|     | 05.1301.40BDA       |  |
|     | 05.1301.14BDA       |  |
|     | Mains Dimming       |  |
|     | 05.1301.40ANI       |  |
|     | 05.1301.14ANI       |  |
|     | Casambi             |  |
|     | 05.1301.40ACB       |  |
|     | 05.1301.14ACB       |  |
|     | Non Dimmable        |  |
|     | 05.1302.40A         |  |
|     | 05.1302.14A         |  |
|     | Dali & Push Version |  |
|     | 05.1302.40BDA       |  |
|     | 05.1302.14BDA       |  |
|     | Mains Dimming       |  |
|     | 05.1302.40ANI       |  |
|     | 05.1302.14ANI       |  |
|     | Casambi             |  |
|     | 05.1302.40ACB       |  |
|     | 05.1302.14ACB       |  |











































### Optic Spot 3000K

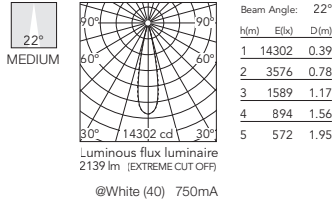
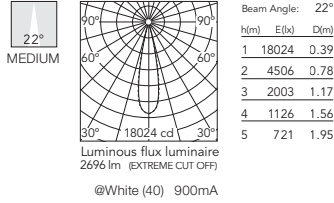
- |     |                     |  |
|-----|---------------------|--|
| E I | Non Dimmable        |  |
|     | 03.8848.40A         |  |
|     | 03.8848.14A         |  |
|     | Dali & Push Version |  |
|     | 03.8848.40BDA       |  |
|     | 03.8848.14BDA       |  |
|     | Mains Dimming       |  |
|     | 03.8848.40ANI       |  |
|     | 03.8848.14ANI       |  |
|     | Casambi             |  |
|     | 03.8848.40ACB       |  |
|     | 03.8848.14ACB       |  |
|     | Non Dimmable        |  |
|     | 03.8849.40A         |  |
|     | 03.8849.14A         |  |
|     | Dali & Push Version |  |
|     | 03.8849.40BDA       |  |
|     | 03.8849.14BDA       |  |
|     | Mains Dimming       |  |
|     | 03.8849.40ANI       |  |
|     | 03.8849.14ANI       |  |
|     | Casambi             |  |
|     | 03.8849.40ACB       |  |
|     | 03.8849.14ACB       |  |
|     | Non Dimmable        |  |
|     | 05.1305.40A         |  |
|     | 05.1305.14A         |  |
|     | Dali & Push Version |  |
|     | 05.1305.40BDA       |  |
|     | 05.1305.14BDA       |  |
|     | Mains Dimming       |  |
|     | 05.1305.40ANI       |  |
|     | 05.1305.14ANI       |  |
|     | Casambi             |  |
|     | 05.1305.40ACB       |  |
|     | 05.1305.14ACB       |  |
|     | Non Dimmable        |  |
|     | 05.1306.40A         |  |
|     | 05.1306.14A         |  |
|     | Dali & Push Version |  |
|     | 05.1306.40BDA       |  |
|     | 05.1306.14BDA       |  |
|     | Mains Dimming       |  |
|     | 05.1306.40ANI       |  |
|     | 05.1306.14ANI       |  |
|     | Casambi             |  |
|     | 05.1306.40ACB       |  |
|     | 05.1306.14ACB       |  |
|     | Non Dimmable        |  |
|     | 05.1307.40A         |  |
|     | 05.1307.14A         |  |
|     | Dali & Push Version |  |
|     | 05.1307.40BDA       |  |
|     | 05.1307.14BDA       |  |
|     | Mains Dimming       |  |
|     | 05.1307.40ANI       |  |
|     | 05.1307.14ANI       |  |
|     | Casambi             |  |
|     | 05.1307.40ACB       |  |
|     | 05.1307.14ACB       |  |











































# LIGHT SHADOW

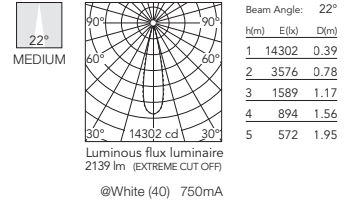
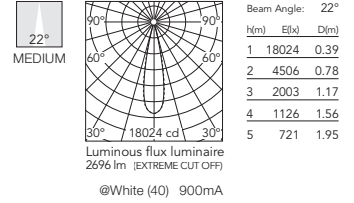
## Optic Medium 2700K

- E I Non Dimmable
-  03.9160.40A
  -  03.9160.14A  
Dali & Push Version
  -  03.9160.40BDA
  -  03.9160.14BDA  
Mains Dimming
  -  03.9160.40ANI
  -  03.9160.14ANI  
Casambi
  -  03.9160.40ACB
  -  03.9160.14ACB  
Non Dimmable
  -  03.9161.40A
  -  03.9161.14A  
Dali & Push Version
  -  03.9161.40BDA
  -  03.9161.14BDA  
Mains Dimming
  -  03.9161.40ANI
  -  03.9161.14ANI  
Casambi
  -  03.9161.40ACB
  -  03.9161.14ACB  
Non Dimmable
  -  05.1310.40A
  -  05.1310.14A  
Dali & Push Version
  -  05.1310.40BDA
  -  05.1310.14BDA  
Mains Dimming
  -  05.1310.40ANI
  -  05.1310.14ANI  
Casambi
  -  05.1310.40ACB
  -  05.1310.14ACB  
Non Dimmable
  -  05.1311.40A
  -  05.1311.14A  
Dali & Push Version
  -  05.1311.40BDA
  -  05.1311.14BDA  
Mains Dimming
  -  05.1311.40ANI
  -  05.1311.14ANI  
Casambi
  -  05.1311.40ACB
  -  05.1311.14ACB  
Non Dimmable
  -  05.1312.40A
  -  05.1312.14A  
Dali & Push Version
  -  05.1312.40BDA
  -  05.1312.14BDA  
Mains Dimming
  -  05.1312.40ANI
  -  05.1312.14ANI  
Casambi
  -  05.1312.40ACB
  -  05.1312.14ACB



## Optic Medium 3000K

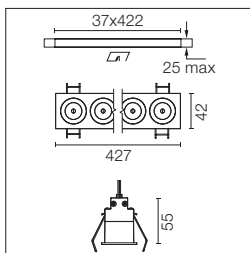
- E I Non Dimmable
-  03.9170.40A
  -  03.9170.14A  
Dali & Push Version
  -  03.9170.40BDA
  -  03.9170.14BDA  
Mains Dimming
  -  03.9170.40ANI
  -  03.9170.14ANI  
Casambi
  -  03.9170.40ACB
  -  03.9170.14ACB  
Non Dimmable
  -  03.9171.40A
  -  03.9171.14A  
Dali & Push Version
  -  03.9171.40BDA
  -  03.9171.14BDA  
Mains Dimming
  -  03.9171.40ANI
  -  03.9171.14ANI  
Casambi
  -  03.9171.40ACB
  -  03.9171.14ACB  
Non Dimmable
  -  05.1315.40A
  -  05.1315.14A  
Dali & Push Version
  -  05.1315.40BDA
  -  05.1315.14BDA  
Mains Dimming
  -  05.1315.40ANI
  -  05.1315.14ANI  
Casambi
  -  05.1315.40ACB
  -  05.1315.14ACB  
Non Dimmable
  -  05.1316.40A
  -  05.1316.14A  
Dali & Push Version
  -  05.1316.40BDA
  -  05.1316.14BDA  
Mains Dimming
  -  05.1316.40ANI
  -  05.1316.14ANI  
Casambi
  -  05.1316.40ACB
  -  05.1316.14ACB  
Non Dimmable
  -  05.1317.40A
  -  05.1317.14A  
Dali & Push Version
  -  05.1317.40BDA
  -  05.1317.14BDA  
Mains Dimming
  -  05.1317.40ANI
  -  05.1317.14ANI  
Casambi
  -  05.1317.40ACB
  -  05.1317.14ACB



# LIGHT SHADOW

## Light Shadow Fixed Trim 12 Spots

**Light Source:** Power LED DC 900 mA 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 28W - 2710 lm - 2700K/CRI 90 / 28W - 2860 lm - 3000K/CRI 90



GWT 850°  
 IP 55  
 0.66 Kg  
 0.03  
 h=75 min  
 TECEE  
 10-100%  
 DALI  
 LED INCL  
 CE

Apparecchio per illuminazione da incasso con 12 spot LED.  
 Alimentazione remota inclusa (220-240V).  
 Non richiede cornice di pre-installazione.

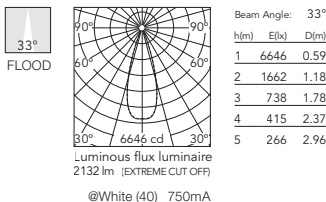
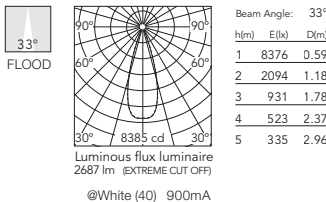
Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

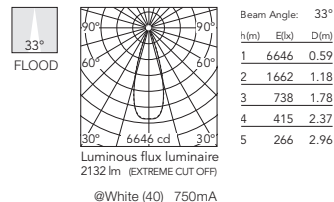
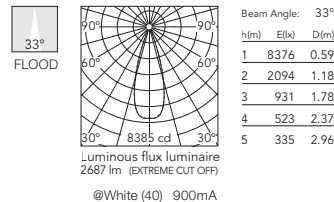
### Optic Flood 2700K

- |     |                     |
|-----|---------------------|
| E I | Non Dimmable        |
|     | 03.9165.40A         |
|     | 03.9165.14A         |
|     | Dali & Push Version |
|     | 03.9165.40BDA       |
|     | 03.9165.14BDA       |
|     | Mains Dimming       |
|     | 03.9165.40ANI       |
|     | 03.9165.14ANI       |
|     | Casambi             |
|     | 03.9165.40ACB       |
|     | 03.9165.14ACB       |
|     | Non Dimmable        |
|     | 03.9166.40A         |
|     | 03.9166.14A         |
|     | Dali & Push Version |
|     | 03.9166.40BDA       |
|     | 03.9166.14BDA       |
|     | Mains Dimming       |
|     | 03.9166.40ANI       |
|     | 03.9166.14ANI       |
|     | Casambi             |
|     | 03.9166.40ACB       |
|     | 03.9166.14ACB       |
|     | Non Dimmable        |
|     | 05.1320.40A         |
|     | 05.1320.14A         |
|     | Dali & Push Version |
|     | 05.1320.40BDA       |
|     | 05.1320.14BDA       |
|     | Mains Dimming       |
|     | 05.1320.40ANI       |
|     | 05.1320.14ANI       |
|     | Casambi             |
|     | 05.1320.40ACB       |
|     | 05.1320.14ACB       |
|     | Non Dimmable        |
|     | 05.1321.40A         |
|     | 05.1321.14A         |
|     | Dali & Push Version |
|     | 05.1321.40BDA       |
|     | 05.1321.14BDA       |
|     | Mains Dimming       |
|     | 05.1321.40ANI       |
|     | 05.1321.14ANI       |
|     | Casambi             |
|     | 05.1321.40ACB       |
|     | 05.1321.14ACB       |
|     | Non Dimmable        |
|     | 05.1322.40A         |
|     | 05.1322.14A         |
|     | Dali & Push Version |
|     | 05.1322.40BDA       |
|     | 05.1322.14BDA       |
|     | Mains Dimming       |
|     | 05.1322.40ANI       |
|     | 05.1322.14ANI       |
|     | Casambi             |
|     | 05.1322.40ACB       |
|     | 05.1322.14ACB       |



### Optic Flood 3000K

- |     |                     |
|-----|---------------------|
| E I | Non Dimmable        |
|     | 03.9175.40A         |
|     | 03.9175.14A         |
|     | Dali & Push Version |
|     | 03.9175.40BDA       |
|     | 03.9175.14BDA       |
|     | Mains Dimming       |
|     | 03.9175.40ANI       |
|     | 03.9175.14ANI       |
|     | Casambi             |
|     | 03.9175.40ACB       |
|     | 03.9175.14ACB       |
|     | Non Dimmable        |
|     | 03.9176.40A         |
|     | 03.9176.14A         |
|     | Dali & Push Version |
|     | 03.9176.40BDA       |
|     | 03.9176.14BDA       |
|     | Mains Dimming       |
|     | 03.9176.40ANI       |
|     | 03.9176.14ANI       |
|     | Casambi             |
|     | 03.9176.40ACB       |
|     | 03.9176.14ACB       |
|     | Non Dimmable        |
|     | 05.1325.40A         |
|     | 05.1325.14A         |
|     | Dali & Push Version |
|     | 05.1325.40BDA       |
|     | 05.1325.14BDA       |
|     | Mains Dimming       |
|     | 05.1325.40ANI       |
|     | 05.1325.14ANI       |
|     | Casambi             |
|     | 05.1325.40ACB       |
|     | 05.1325.14ACB       |
|     | Non Dimmable        |
|     | 05.1326.40A         |
|     | 05.1326.14A         |
|     | Dali & Push Version |
|     | 05.1326.40BDA       |
|     | 05.1326.14BDA       |
|     | Mains Dimming       |
|     | 05.1326.40ANI       |
|     | 05.1326.14ANI       |
|     | Casambi             |
|     | 05.1326.40ACB       |
|     | 05.1326.14ACB       |
|     | Non Dimmable        |
|     | 05.1327.40A         |
|     | 05.1327.14A         |
|     | Dali & Push Version |
|     | 05.1327.40BDA       |
|     | 05.1327.14BDA       |
|     | Mains Dimming       |
|     | 05.1327.40ANI       |
|     | 05.1327.14ANI       |
|     | Casambi             |
|     | 05.1327.40ACB       |
|     | 05.1327.14ACB       |





# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.8324.40A

03.8324.14A

Dali & Push Version

03.8324.40BDA

03.8324.14BDA

Mains Dimming

03.8324.40ANI

03.8324.14ANI

Casambi

03.8324.40ACB

03.8324.14ACB

Non Dimmable

03.8325.40A

03.8325.14A

Dali & Push Version

03.8325.40BDA

03.8325.14BDA

Mains Dimming

03.8325.40ANI

03.8325.14ANI

Casambi

03.8325.40ACB

03.8325.14ACB

Non Dimmable

05.1330.40A

05.1330.14A

Dali & Push Version

05.1330.40BDA

05.1330.14BDA

Mains Dimming

05.1330.40ANI

05.1330.14ANI

Casambi

05.1330.40ACB

05.1330.14ACB

Non Dimmable

05.1331.40A

05.1331.14A

Dali & Push Version

05.1331.40BDA

05.1331.14BDA

Mains Dimming

05.1331.40ANI

05.1331.14ANI

Casambi

05.1331.40ACB

05.1331.14ACB

Non Dimmable

05.1332.40A

05.1332.14A

Dali & Push Version

05.1332.40BDA

05.1332.14BDA

Mains Dimming

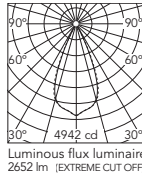
05.1332.40ANI

05.1332.14ANI

Casambi

05.1332.40ACB

05.1332.14ACB

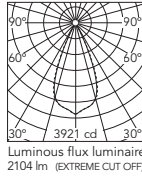


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire  
2652 lm (EXTREME CUT OFF)

@White (40) 900mA



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	3921	0.83
2	980	1.67
3	436	2.50
4	245	3.34
5	157	4.17

Luminous flux luminaire  
2104 lm (EXTREME CUT OFF)

@White (40) 750mA

## Optic Wide Flood 3000K

E I Non Dimmable

03.8328.40A

03.8328.14A

Dali & Push Version

03.8328.40BDA

03.8328.14BDA

Mains Dimming

03.8328.40ANI

03.8328.14ANI

Casambi

03.8328.40ACB

03.8328.14ACB

Non Dimmable

03.8329.40A

03.8329.14A

Dali & Push Version

03.8329.40BDA

03.8329.14BDA

Mains Dimming

03.8329.40ANI

03.8329.14ANI

Casambi

03.8329.40ACB

03.8329.14ACB

Non Dimmable

05.1335.40A

05.1335.14A

Dali & Push Version

05.1335.40BDA

05.1335.14BDA

Mains Dimming

05.1335.40ANI

05.1335.14ANI

Casambi

05.1335.40ACB

05.1335.14ACB

Non Dimmable

05.1336.40A

05.1336.14A

Dali & Push Version

05.1336.40BDA

05.1336.14BDA

Mains Dimming

05.1336.40ANI

05.1336.14ANI

Casambi

05.1336.40ACB

05.1336.14ACB

Non Dimmable

05.1337.40A

05.1337.14A

Dali & Push Version

05.1337.40BDA

05.1337.14BDA

Mains Dimming

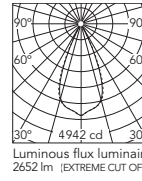
05.1337.40ANI

05.1337.14ANI

Casambi

05.1337.40ACB

05.1337.14ACB

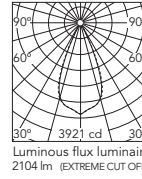


Beam Angle: 45°

h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire  
2652 lm (EXTREME CUT OFF)

@White (40) 900mA



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	3921	0.83
2	980	1.67
3	436	2.50
4	245	3.34
5	157	4.17

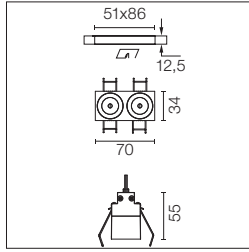
Luminous flux luminaire  
2104 lm (EXTREME CUT OFF)

@White (40) 750mA

# LIGHT SHADOW

## Light Shadow Fixed No Trim 2 Spots

**Light Source:** Power LED DC 900 mA 7W - 540 lm - 2700K/CRI 90 / 7W - 570 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 2 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

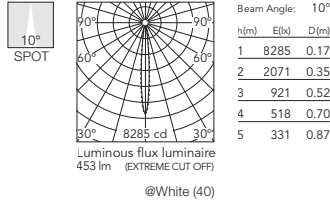
Recessed integrated luminaire with 2 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

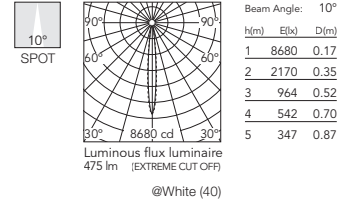
### Optic Spot 2700K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.8852.40A   |
| ■ | ■ | 03.8852.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.8852.40ADA |
| ■ | ■ | 03.8852.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.8852.40ANI |
| ■ | ■ | 03.8852.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.8852.40ACB |
| ■ | ■ | 03.8852.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 03.8853.40A   |
| ■ | ■ | 03.8853.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.8853.40ADA |
| ■ | ■ | 03.8853.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.8853.40ANI |
| ■ | ■ | 03.8853.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.8853.40ACB |
| ■ | ■ | 03.8853.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1040.40A   |
| ■ | ■ | 05.1040.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1040.40ADA |
| ■ | ■ | 05.1040.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1040.40ANI |
| ■ | ■ | 05.1040.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1040.40ACB |
| ■ | ■ | 05.1040.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1041.40A   |
| ■ | ■ | 05.1041.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1041.40ADA |
| ■ | ■ | 05.1041.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1041.40ANI |
| ■ | ■ | 05.1041.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1041.40ACB |
| ■ | ■ | 05.1041.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1042.40A   |
| ■ | ■ | 05.1042.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1042.40ADA |
| ■ | ■ | 05.1042.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1042.40ANI |
| ■ | ■ | 05.1042.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1042.40ACB |
| ■ | ■ | 05.1042.14ACB |



### Optic Spot 3000K

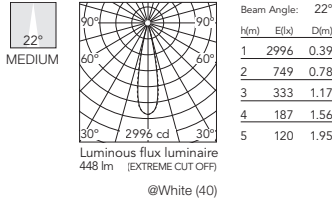
- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.8856.40A   |
| ■ | ■ | 03.8856.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.8856.40ADA |
| ■ | ■ | 03.8856.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.8856.40ANI |
| ■ | ■ | 03.8856.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.8856.40ACB |
| ■ | ■ | 03.8856.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 03.8857.40A   |
| ■ | ■ | 03.8857.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.8857.40ADA |
| ■ | ■ | 03.8857.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.8857.40ANI |
| ■ | ■ | 03.8857.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.8857.40ACB |
| ■ | ■ | 03.8857.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1045.40A   |
| ■ | ■ | 05.1045.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1045.40ADA |
| ■ | ■ | 05.1045.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1045.40ANI |
| ■ | ■ | 05.1045.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1045.40ACB |
| ■ | ■ | 05.1045.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1046.40A   |
| ■ | ■ | 05.1046.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1046.40ADA |
| ■ | ■ | 05.1046.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1046.40ANI |
| ■ | ■ | 05.1046.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1046.40ACB |
| ■ | ■ | 05.1046.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1047.40A   |
| ■ | ■ | 05.1047.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1047.40ADA |
| ■ | ■ | 05.1047.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1047.40ANI |
| ■ | ■ | 05.1047.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1047.40ACB |
| ■ | ■ | 05.1047.14ACB |



# LIGHT SHADOW

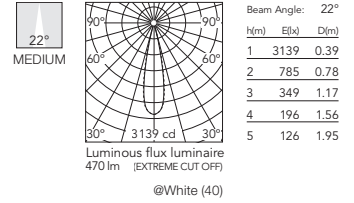
## Optic Medium 2700K

E	I	Non Dimmable
		03.9200.40A
		03.9200.14A
		Dali Version
		03.9200.40ADA
		03.9200.14ADA
		Mains Dimming
		03.9200.40ANI
		03.9200.14ANI
		Casambi
		03.9200.40ACB
		03.9200.14ACB
		Non Dimmable
		03.9201.40A
		03.9201.14A
		Dali Version
		03.9201.40ADA
		03.9201.14ADA
		Mains Dimming
		03.9201.40ANI
		03.9201.14ANI
		Casambi
		03.9201.40ACB
		03.9201.14ACB
		Non Dimmable
		05.1050.40A
		05.1050.14A
		Dali Version
		05.1050.40ADA
		05.1050.14ADA
		Mains Dimming
		05.1050.40ANI
		05.1050.14ANI
		Casambi
		05.1050.40ACB
		05.1050.14ACB
		Non Dimmable
		05.1051.40A
		05.1051.14A
		Dali Version
		05.1051.40ADA
		05.1051.14ADA
		Mains Dimming
		05.1051.40ANI
		05.1051.14ANI
		Casambi
		05.1051.40ACB
		05.1051.14ACB
		Non Dimmable
		05.1052.40A
		05.1052.14A
		Dali Version
		05.1052.40ADA
		05.1052.14ADA
		Mains Dimming
		05.1052.40ANI
		05.1052.14ANI
		Casambi
		05.1052.40ACB
		05.1052.14ACB



## Optic Medium 3000K

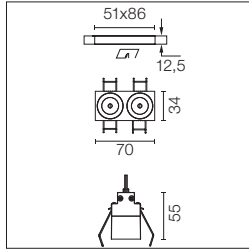
E	I	Non Dimmable
		03.9210.40A
		03.9210.14A
		Dali Version
		03.9210.40ADA
		03.9210.14ADA
		Mains Dimming
		03.9210.40ANI
		03.9210.14ANI
		Casambi
		03.9210.40ACB
		03.9210.14ACB
		Non Dimmable
		03.9211.40A
		03.9211.14A
		Dali Version
		03.9211.40ADA
		03.9211.14ADA
		Mains Dimming
		03.9211.40ANI
		03.9211.14ANI
		Casambi
		03.9211.40ACB
		03.9211.14ACB
		Non Dimmable
		05.1055.40A
		05.1055.14A
		Dali Version
		05.1055.40ADA
		05.1055.14ADA
		Mains Dimming
		05.1055.40ANI
		05.1055.14ANI
		Casambi
		05.1055.40ACB
		05.1055.14ACB
		Non Dimmable
		05.1056.40A
		05.1056.14A
		Dali Version
		05.1056.40ADA
		05.1056.14ADA
		Mains Dimming
		05.1056.40ANI
		05.1056.14ANI
		Casambi
		05.1056.40ACB
		05.1056.14ACB
		Non Dimmable
		05.1057.40A
		05.1057.14A
		Dali Version
		05.1057.40ADA
		05.1057.14ADA
		Mains Dimming
		05.1057.40ANI
		05.1057.14ANI
		Casambi
		05.1057.40ACB
		05.1057.14ACB



# LIGHT SHADOW

## Light Shadow Fixed No Trim 2 Spots

**Light Source:** Power LED DC 900 mA 7W - 540 lm - 2700K/CRI 90 / 7W - 570 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 2 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

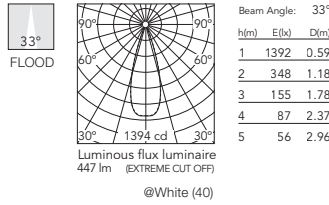
Recessed integrated luminaire with 2 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

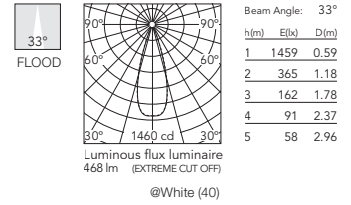
### Optic Flood 2700K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.9205.40A   |
| ■ | ■ | 03.9205.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.9205.40ADA |
| ■ | ■ | 03.9205.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.9205.40ANI |
| ■ | ■ | 03.9205.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.9205.40ACB |
| ■ | ■ | 03.9205.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 03.9206.40A   |
| ■ | ■ | 03.9206.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.9206.40ADA |
| ■ | ■ | 03.9206.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.9206.40ANI |
| ■ | ■ | 03.9206.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.9206.40ACB |
| ■ | ■ | 03.9206.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1060.40A   |
| ■ | ■ | 05.1060.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1060.40ADA |
| ■ | ■ | 05.1060.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1060.40ANI |
| ■ | ■ | 05.1060.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1060.40ACB |
| ■ | ■ | 05.1060.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1061.40A   |
| ■ | ■ | 05.1061.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1061.40ADA |
| ■ | ■ | 05.1061.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1061.40ANI |
| ■ | ■ | 05.1061.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1061.40ACB |
| ■ | ■ | 05.1061.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1062.40A   |
| ■ | ■ | 05.1062.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1062.40ADA |
| ■ | ■ | 05.1062.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1062.40ANI |
| ■ | ■ | 05.1062.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1062.40ACB |
| ■ | ■ | 05.1062.14ACB |



### Optic Flood 3000K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.9215.40A   |
| ■ | ■ | 03.9215.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.9215.40ADA |
| ■ | ■ | 03.9215.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.9215.40ANI |
| ■ | ■ | 03.9215.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.9215.40ACB |
| ■ | ■ | 03.9215.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 03.9216.40A   |
| ■ | ■ | 03.9216.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.9216.40ADA |
| ■ | ■ | 03.9216.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.9216.40ANI |
| ■ | ■ | 03.9216.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.9216.40ACB |
| ■ | ■ | 03.9216.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1065.40A   |
| ■ | ■ | 05.1065.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1065.40ADA |
| ■ | ■ | 05.1065.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1065.40ANI |
| ■ | ■ | 05.1065.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1065.40ACB |
| ■ | ■ | 05.1065.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1066.40A   |
| ■ | ■ | 05.1066.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1066.40ADA |
| ■ | ■ | 05.1066.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1066.40ANI |
| ■ | ■ | 05.1066.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1066.40ACB |
| ■ | ■ | 05.1066.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1067.40A   |
| ■ | ■ | 05.1067.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1067.40ADA |
| ■ | ■ | 05.1067.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1067.40ANI |
| ■ | ■ | 05.1067.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1067.40ACB |
| ■ | ■ | 05.1067.14ACB |



# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.8350.40A

03.8350.14A

Dali Version

03.8350.40ADA

03.8350.14ADA

Mains Dimming

03.8350.40ANI

03.8350.14ANI

Casambi

03.8350.40ACB

03.8350.14ACB

Non Dimmable

03.8351.40A

03.8351.14A

Dali Version

03.8351.40ADA

03.8351.14ADA

Mains Dimming

03.8351.40ANI

03.8351.14ANI

Casambi

03.8351.40ACB

03.8351.14ACB

Non Dimmable

05.1070.40A

05.1070.14A

Dali Version

05.1070.40ADA

05.1070.14ADA

Mains Dimming

05.1070.40ANI

05.1070.14ANI

Casambi

05.1070.40ACB

05.1070.14ACB

Non Dimmable

05.1071.40A

05.1071.14A

Dali Version

05.1071.40ADA

05.1071.14ADA

Mains Dimming

05.1071.40ANI

05.1071.14ANI

Casambi

05.1071.40ACB

05.1071.14ACB

Non Dimmable

05.1072.40A

05.1072.14A

Dali Version

05.1072.40ADA

05.1072.14ADA

Mains Dimming

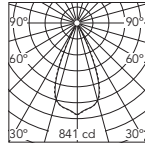
05.1072.40ANI

05.1072.14ANI

Casambi

05.1072.40ACB

05.1072.14ACB



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	841	0.84
2	210	1.69
3	93	2.53
4	53	3.38
5	34	4.22

Luminous flux luminaire  
443 lm (EXTREME CUT OFF)  
@White (40)

## Optic Wide Flood 3000K

E I Non Dimmable

03.8354.40A

03.8354.14A

Dali Version

03.8354.40ADA

03.8354.14ADA

Mains Dimming

03.8354.40ANI

03.8354.14ANI

Casambi

03.8354.40ACB

03.8354.14ACB

Non Dimmable

03.8355.40A

03.8355.14A

Dali Version

03.8355.40ADA

03.8355.14ADA

Mains Dimming

03.8355.40ANI

03.8355.14ANI

Casambi

03.8355.40ACB

03.8355.14ACB

Non Dimmable

05.1075.40A

05.1075.14A

Dali Version

05.1075.40ADA

05.1075.14ADA

Mains Dimming

05.1075.40ANI

05.1075.14ANI

Casambi

05.1075.40ACB

05.1075.14ACB

Non Dimmable

05.1076.40A

05.1076.14A

Dali Version

05.1076.40ADA

05.1076.14ADA

Mains Dimming

05.1076.40ANI

05.1076.14ANI

Casambi

05.1076.40ACB

05.1076.14ACB

Non Dimmable

05.1077.40A

05.1077.14A

Dali Version

05.1077.40ADA

05.1077.14ADA

Mains Dimming

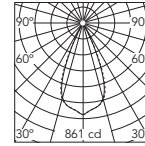
05.1077.40ANI

05.1077.14ANI

Casambi

05.1077.40ACB

05.1077.14ACB



Beam Angle: 45°

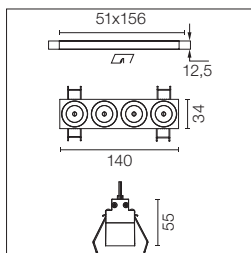
h(m)	E(lx)	D(m)
1	861	0.83
2	215	1.67
3	96	2.50
4	54	3.34
5	34	4.17

Luminous flux luminaire  
462 lm (EXTREME CUT OFF)  
@White (40)

# LIGHT SHADOW

## Light Shadow Fixed No Trim 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa. Necessaria cornice di installazione, da ordinare separatamente (220-240V). Cornice di pre-installazione da ordinare separatamente.

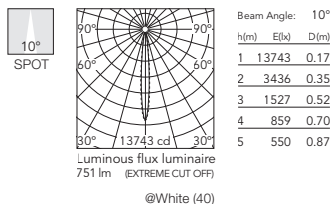
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish.

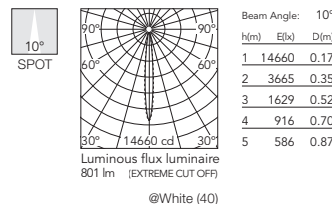
### Optic Spot 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.8860.40A   |
|     | 03.8860.14A   |
|     | Dali Version  |
|     | 03.8860.40ADA |
|     | 03.8860.14ADA |
|     | Mains Dimming |
|     | 03.8860.40ANI |
|     | 03.8860.14ANI |
|     | Casambi       |
|     | 03.8860.40ACB |
|     | 03.8860.14ACB |
|     | Non Dimmable  |
|     | 03.8861.40A   |
|     | 03.8861.14A   |
|     | Dali Version  |
|     | 03.8861.40ADA |
|     | 03.8861.14ADA |
|     | Mains Dimming |
|     | 03.8861.40ANI |
|     | 03.8861.14ANI |
|     | Casambi       |
|     | 03.8861.40ACB |
|     | 03.8861.14ACB |
|     | Non Dimmable  |
|     | 05.1140.40A   |
|     | 05.1140.14A   |
|     | Dali Version  |
|     | 05.1140.40ADA |
|     | 05.1140.14ADA |
|     | Mains Dimming |
|     | 05.1140.40ANI |
|     | 05.1140.14ANI |
|     | Casambi       |
|     | 05.1140.40ACB |
|     | 05.1140.14ACB |
|     | Non Dimmable  |
|     | 05.1141.40A   |
|     | 05.1141.14A   |
|     | Dali Version  |
|     | 05.1141.40ADA |
|     | 05.1141.14ADA |
|     | Mains Dimming |
|     | 05.1141.40ANI |
|     | 05.1141.14ANI |
|     | Casambi       |
|     | 05.1141.40ACB |
|     | 05.1141.14ACB |
|     | Non Dimmable  |
|     | 05.1142.40A   |
|     | 05.1142.14A   |
|     | Dali Version  |
|     | 05.1142.40ADA |
|     | 05.1142.14ADA |
|     | Mains Dimming |
|     | 05.1142.40ANI |
|     | 05.1142.14ANI |
|     | Casambi       |
|     | 05.1142.40ACB |
|     | 05.1142.14ACB |



### Optic Spot 3000K

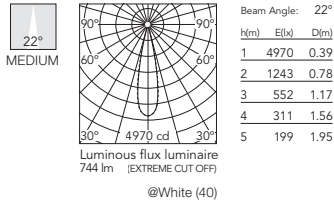
- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
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|     | 03.8864.14A   |
|     | Dali Version  |
|     | 03.8864.40ADA |
|     | 03.8864.14ADA |
|     | Mains Dimming |
|     | 03.8864.40ANI |
|     | 03.8864.14ANI |
|     | Casambi       |
|     | 03.8864.40ACB |
|     | 03.8864.14ACB |
|     | Non Dimmable  |
|     | 03.8865.40A   |
|     | 03.8865.14A   |
|     | Dali Version  |
|     | 03.8865.40ADA |
|     | 03.8865.14ADA |
|     | Mains Dimming |
|     | 03.8865.40ANI |
|     | 03.8865.14ANI |
|     | Casambi       |
|     | 03.8865.40ACB |
|     | 03.8865.14ACB |
|     | Non Dimmable  |
|     | 05.1145.40A   |
|     | 05.1145.14A   |
|     | Dali Version  |
|     | 05.1145.40ADA |
|     | 05.1145.14ADA |
|     | Mains Dimming |
|     | 05.1145.40ANI |
|     | 05.1145.14ANI |
|     | Casambi       |
|     | 05.1145.40ACB |
|     | 05.1145.14ACB |
|     | Non Dimmable  |
|     | 05.1146.40A   |
|     | 05.1146.14A   |
|     | Dali Version  |
|     | 05.1146.40ADA |
|     | 05.1146.14ADA |
|     | Mains Dimming |
|     | 05.1146.40ANI |
|     | 05.1146.14ANI |
|     | Casambi       |
|     | 05.1146.40ACB |
|     | 05.1146.14ACB |
|     | Non Dimmable  |
|     | 05.1147.40A   |
|     | 05.1147.14A   |
|     | Dali Version  |
|     | 05.1147.40ADA |
|     | 05.1147.14ADA |
|     | Mains Dimming |
|     | 05.1147.40ANI |
|     | 05.1147.14ANI |
|     | Casambi       |
|     | 05.1147.40ACB |
|     | 05.1147.14ACB |



# LIGHT SHADOW

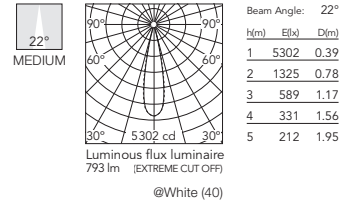
## Optic Medium 2700K

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		03.9220.14A
		Dali Version
		03.9220.40ADA
		03.9220.14ADA
		Mains Dimming
		03.9220.40ANI
		03.9220.14ANI
		Casambi
		03.9220.40ACB
		03.9220.14ACB
		Non Dimmable
		03.9221.40A
		03.9221.14A
		Dali Version
		03.9221.40ADA
		03.9221.14ADA
		Mains Dimming
		03.9221.40ANI
		03.9221.14ANI
		Casambi
		03.9221.40ACB
		03.9221.14ACB
		Non Dimmable
		05.1150.40A
		05.1150.14A
		Dali Version
		05.1150.40ADA
		05.1150.14ADA
		Mains Dimming
		05.1150.40ANI
		05.1150.14ANI
		Casambi
		05.1150.40ACB
		05.1150.14ACB
		Non Dimmable
		05.1151.40A
		05.1151.14A
		Dali Version
		05.1151.40ADA
		05.1151.14ADA
		Mains Dimming
		05.1151.40ANI
		05.1151.14ANI
		Casambi
		05.1151.40ACB
		05.1151.14ACB
		Non Dimmable
		05.1152.40A
		05.1152.14A
		Dali Version
		05.1152.40ADA
		05.1152.14ADA
		Mains Dimming
		05.1152.40ANI
		05.1152.14ANI
		Casambi
		05.1152.40ACB
		05.1152.14ACB



## Optic Medium 3000K

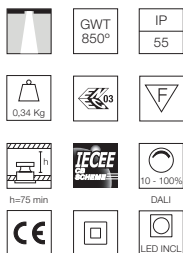
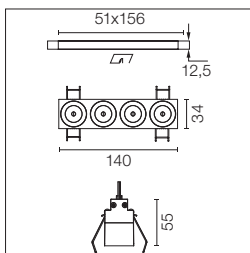
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		03.9230.40ADA
		03.9230.14ADA
		Mains Dimming
		03.9230.40ANI
		03.9230.14ANI
		Casambi
		03.9230.40ACB
		03.9230.14ACB
		Non Dimmable
		03.9231.40A
		03.9231.14A
		Dali Version
		03.9231.40ADA
		03.9231.14ADA
		Mains Dimming
		03.9231.40ANI
		03.9231.14ANI
		Casambi
		03.9231.40ACB
		03.9231.14ACB
		Non Dimmable
		05.1155.40A
		05.1155.14A
		Dali Version
		05.1155.40ADA
		05.1155.14ADA
		Mains Dimming
		05.1155.40ANI
		05.1155.14ANI
		Casambi
		05.1155.40ACB
		05.1155.14ACB
		Non Dimmable
		05.1156.40A
		05.1156.14A
		Dali Version
		05.1156.40ADA
		05.1156.14ADA
		Mains Dimming
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		05.1156.14ANI
		Casambi
		05.1156.40ACB
		05.1156.14ACB
		Non Dimmable
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		05.1157.14A
		Dali Version
		05.1157.40ADA
		05.1157.14ADA
		Mains Dimming
		05.1157.40ANI
		05.1157.14ANI
		Casambi
		05.1157.40ACB
		05.1157.14ACB



# LIGHT SHADOW

## Light Shadow Fixed No Trim 4 Spots

Light Source: Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa. Necessaria cornice di installazione, da ordinare separatamente (220-240V). Cornice di pre-installazione da ordinare separatamente.

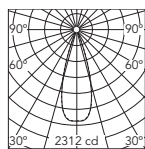
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish.

### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9225.40A   |
|     | 03.9225.14A   |
|     | Dali Version  |
|     | 03.9225.40ADA |
|     | 03.9225.14ADA |
|     | Mains Dimming |
|     | 03.9225.40ANI |
|     | 03.9225.14ANI |
|     | Casambi       |
|     | 03.9225.40ACB |
|     | 03.9225.14ACB |
|     | Non Dimmable  |
|     | 03.9226.40A   |
|     | 03.9226.14A   |
|     | Dali Version  |
|     | 03.9226.40ADA |
|     | 03.9226.14ADA |
|     | Mains Dimming |
|     | 03.9226.40ANI |
|     | 03.9226.14ANI |
|     | Casambi       |
|     | 03.9226.40ACB |
|     | 03.9226.14ACB |
|     | Non Dimmable  |
|     | 05.1160.40A   |
|     | 05.1160.14A   |
|     | Dali Version  |
|     | 05.1160.40ADA |
|     | 05.1160.14ADA |
|     | Mains Dimming |
|     | 05.1160.40ANI |
|     | 05.1160.14ANI |
|     | Casambi       |
|     | 05.1160.40ACB |
|     | 05.1160.14ACB |
|     | Non Dimmable  |
|     | 05.1161.40A   |
|     | 05.1161.14A   |
|     | Dali Version  |
|     | 05.1161.40ADA |
|     | 05.1161.14ADA |
|     | Mains Dimming |
|     | 05.1161.40ANI |
|     | 05.1161.14ANI |
|     | Casambi       |
|     | 05.1161.40ACB |
|     | 05.1161.14ACB |
|     | Non Dimmable  |
|     | 05.1162.40A   |
|     | 05.1162.14A   |
|     | Dali Version  |
|     | 05.1162.40ADA |
|     | 05.1162.14ADA |
|     | Mains Dimming |
|     | 05.1162.40ANI |
|     | 05.1162.14ANI |
|     | Casambi       |
|     | 05.1162.40ACB |
|     | 05.1162.14ACB |

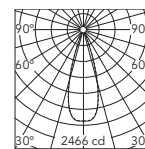


h(m)	E(lx)	D(m)
1	2310	0.59
2	577	1.18
3	257	1.78
4	144	2.37
5	92	2.96

Luminous flux luminaire 741 lm (EXTREME CUT OFF)  
@White (40)

### Optic Flood 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9235.40A   |
|     | 03.9235.14A   |
|     | Dali Version  |
|     | 03.9235.40ADA |
|     | 03.9235.14ADA |
|     | Mains Dimming |
|     | 03.9235.40ANI |
|     | 03.9235.14ANI |
|     | Casambi       |
|     | 03.9235.40ACB |
|     | 03.9235.14ACB |
|     | Non Dimmable  |
|     | 03.9236.40A   |
|     | 03.9236.14A   |
|     | Dali Version  |
|     | 03.9236.40ADA |
|     | 03.9236.14ADA |
|     | Mains Dimming |
|     | 03.9236.40ANI |
|     | 03.9236.14ANI |
|     | Casambi       |
|     | 03.9236.40ACB |
|     | 03.9236.14ACB |
|     | Non Dimmable  |
|     | 05.1165.40A   |
|     | 05.1165.14A   |
|     | Dali Version  |
|     | 05.1165.40ADA |
|     | 05.1165.14ADA |
|     | Mains Dimming |
|     | 05.1165.40ANI |
|     | 05.1165.14ANI |
|     | Casambi       |
|     | 05.1165.40ACB |
|     | 05.1165.14ACB |
|     | Non Dimmable  |
|     | 05.1166.40A   |
|     | 05.1166.14A   |
|     | Dali Version  |
|     | 05.1166.40ADA |
|     | 05.1166.14ADA |
|     | Mains Dimming |
|     | 05.1166.40ANI |
|     | 05.1166.14ANI |
|     | Casambi       |
|     | 05.1166.40ACB |
|     | 05.1166.14ACB |
|     | Non Dimmable  |
|     | 05.1167.40A   |
|     | 05.1167.14A   |
|     | Dali Version  |
|     | 05.1167.40ADA |
|     | 05.1167.14ADA |
|     | Mains Dimming |
|     | 05.1167.40ANI |
|     | 05.1167.14ANI |
|     | Casambi       |
|     | 05.1167.40ACB |
|     | 05.1167.14ACB |












































h(m)	E(lx)	D(m)
1	2464	0.59
2	616	1.18
3	274	1.78
4	154	2.37
5	99	2.96

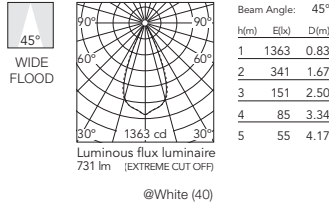
Luminous flux luminaire 790 lm (EXTREME CUT OFF)  
@White (40)



# LIGHT SHADOW

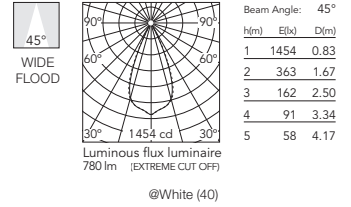
## Optic Wide Flood 2700K

	Non Dimmable
	03.8358.40A
	03.8358.14A
	Dali Version
	03.8358.40ADA
	03.8358.14ADA
	Mains Dimming
	03.8358.40ANI
	03.8358.14ANI
	Casambi
	03.8358.40ACB
	03.8358.14ACB
	Non Dimmable
	03.8359.40A
	03.8359.14A
	Dali Version
	03.8359.40ADA
	03.8359.14ADA
	Mains Dimming
	03.8359.40ANI
	03.8359.14ANI
	Casambi
	03.8359.40ACB
	03.8359.14ACB
	Non Dimmable
	05.1170.40A
	05.1170.14A
	Dali Version
	05.1170.40ADA
	05.1170.14ADA
	Mains Dimming
	05.1170.40ANI
	05.1170.14ANI
	Casambi
	05.1170.40ACB
	05.1170.14ACB
	Non Dimmable
	05.1171.40A
	05.1171.14A
	Dali Version
	05.1171.40ADA
	05.1171.14ADA
	Mains Dimming
	05.1171.40ANI
	05.1171.14ANI
	Casambi
	05.1171.40ACB
	05.1171.14ACB
	Non Dimmable
	05.1172.40A
	05.1172.14A
	Dali Version
	05.1172.40ADA
	05.1172.14ADA
	Mains Dimming
	05.1172.40ANI
	05.1172.14ANI
	Casambi
	05.1172.40ACB
	05.1172.14ACB



## Optic Wide Flood 3000K

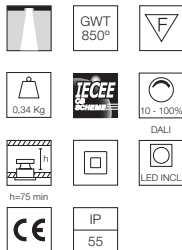
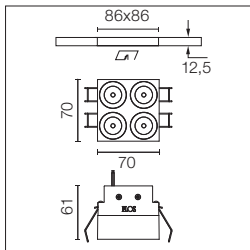
	Non Dimmable
	03.8362.40A
	03.8362.14A
	Dali Version
	03.8362.40ADA
	03.8362.14ADA
	Mains Dimming
	03.8362.40ANI
	03.8362.14ANI
	Casambi
	03.8362.40ACB
	03.8362.14ACB
	Non Dimmable
	03.8363.40A
	03.8363.14A
	Dali Version
	03.8363.40ADA
	03.8363.14ADA
	Mains Dimming
	03.8363.40ANI
	03.8363.14ANI
	Casambi
	03.8363.40ACB
	03.8363.14ACB
	Non Dimmable
	05.1175.40A
	05.1175.14A
	Dali Version
	05.1175.40ADA
	05.1175.14ADA
	Mains Dimming
	05.1175.40ANI
	05.1175.14ANI
	Casambi
	05.1175.40ACB
	05.1175.14ACB
	Non Dimmable
	05.1176.40A
	05.1176.14A
	Dali Version
	05.1176.40ADA
	05.1176.14ADA
	Mains Dimming
	05.1176.40ANI
	05.1176.14ANI
	Casambi
	05.1176.40ACB
	05.1176.14ACB
	Non Dimmable
	05.1177.40A
	05.1177.14A
	Dali Version
	05.1177.40ADA
	05.1177.14ADA
	Mains Dimming
	05.1177.40ANI
	05.1177.14ANI
	Casambi
	05.1177.40ACB
	05.1177.14ACB



# LIGHT SHADOW

## Light Shadow Fixed No Trim 4 Spots Square

Light Source: Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa. Necessaria cornice di installazione, da ordinare separatamente (220-240V). Cornice di pre-installazione da ordinare separatamente.

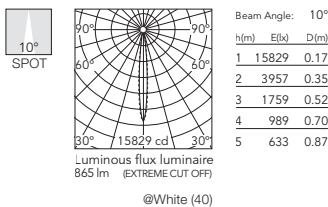
E= Finitura Esterna  
I= Finitura Interna

Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= External Finish  
I= Internal Finish.

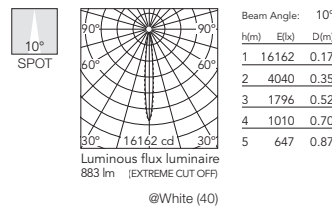
### Optic Spot 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 05.0640.40    |
|     | 05.0640.14    |
|     | Dali Version  |
|     | 05.0640.40.DA |
|     | 05.0640.14.DA |
|     | Mains Dimming |
|     | 05.0640.40.NI |
|     | 05.0640.14.NI |
|     | Casambi       |
|     | 05.0640.40.CB |
|     | 05.0640.14.CB |
|     | Non Dimmable  |
|     | 05.0641.40    |
|     | 05.0641.14    |
|     | Dali Version  |
|     | 05.0641.40.DA |
|     | 05.0641.14.DA |
|     | Mains Dimming |
|     | 05.0641.40.NI |
|     | 05.0641.14.NI |
|     | Casambi       |
|     | 05.0641.40.CB |
|     | 05.0641.14.CB |
|     | Non Dimmable  |
|     | 05.0643.40    |
|     | 05.0643.14    |
|     | Dali Version  |
|     | 05.0643.40.DA |
|     | 05.0643.14.DA |
|     | Mains Dimming |
|     | 05.0643.40.NI |
|     | 05.0643.14.NI |
|     | Casambi       |
|     | 05.0643.40.CB |
|     | 05.0643.14.CB |
|     | Non Dimmable  |
|     | 05.0644.40    |
|     | 05.0644.14    |
|     | Dali Version  |
|     | 05.0644.40.DA |
|     | 05.0644.14.DA |
|     | Mains Dimming |
|     | 05.0644.40.NI |
|     | 05.0644.14.NI |
|     | Casambi       |
|     | 05.0644.40.CB |
|     | 05.0644.14.CB |
|     | Non Dimmable  |
|     | 05.0642.40    |
|     | 05.0642.14    |
|     | Dali Version  |
|     | 05.0642.40.DA |
|     | 05.0642.14.DA |
|     | Mains Dimming |
|     | 05.0642.40.NI |
|     | 05.0642.14.NI |
|     | Casambi       |
|     | 05.0642.40.CB |
|     | 05.0642.14.CB |












































### Optic Spot 3000K

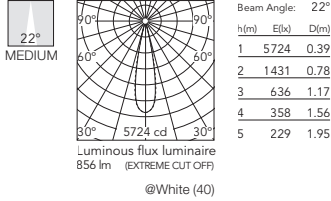
- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 05.0645.40    |
|     | 05.0645.14    |
|     | Dali Version  |
|     | 05.0645.40.DA |
|     | 05.0645.14.DA |
|     | Mains Dimming |
|     | 05.0645.40.NI |
|     | 05.0645.14.NI |
|     | Casambi       |
|     | 05.0645.40.CB |
|     | 05.0645.14.CB |
|     | Non Dimmable  |
|     | 05.0646.40    |
|     | 05.0646.14    |
|     | Dali Version  |
|     | 05.0646.40.DA |
|     | 05.0646.14.DA |
|     | Mains Dimming |
|     | 05.0646.40.NI |
|     | 05.0646.14.NI |
|     | Casambi       |
|     | 05.0646.40.CB |
|     | 05.0646.14.CB |
|     | Non Dimmable  |
|     | 05.0648.40    |
|     | 05.0648.14    |
|     | Dali Version  |
|     | 05.0648.40.DA |
|     | 05.0648.14.DA |
|     | Mains Dimming |
|     | 05.0648.40.NI |
|     | 05.0648.14.NI |
|     | Casambi       |
|     | 05.0648.40.CB |
|     | 05.0648.14.CB |
|     | Non Dimmable  |
|     | 05.0649.40    |
|     | 05.0649.14    |
|     | Dali Version  |
|     | 05.0649.40.DA |
|     | 05.0649.14.DA |
|     | Mains Dimming |
|     | 05.0649.40.NI |
|     | 05.0649.14.NI |
|     | Casambi       |
|     | 05.0649.40.CB |
|     | 05.0649.14.CB |
|     | Non Dimmable  |
|     | 05.0647.40    |
|     | 05.0647.14    |
|     | Dali Version  |
|     | 05.0647.40.DA |
|     | 05.0647.14.DA |
|     | Mains Dimming |
|     | 05.0647.40.NI |
|     | 05.0647.14.NI |
|     | Casambi       |
|     | 05.0647.40.CB |
|     | 05.0647.14.CB |












































# LIGHT SHADOW

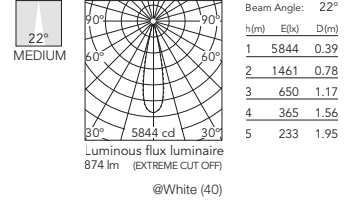
## Optic Medium 2700K

- |  |               |
|--|---------------|
|    | Non Dimmable  |
|    | 05.0650.40    |
|    | 05.0650.14    |
|  | Dali Version  |
|    | 05.0650.40.DA |
|    | 05.0650.14.DA |
|  | Mains Dimming |
|    | 05.0650.40.NI |
|    | 05.0650.14.NI |
|  | Casambi       |
|    | 05.0650.40.CB |
|    | 05.0650.14.CB |
|  | Non Dimmable  |
|    | 05.0651.40    |
|    | 05.0651.14    |
|  | Dali Version  |
|    | 05.0651.40.DA |
|    | 05.0651.14.DA |
|  | Mains Dimming |
|    | 05.0651.40.NI |
|    | 05.0651.14.NI |
|  | Casambi       |
|    | 05.0651.40.CB |
|    | 05.0651.14.CB |
|  | Non Dimmable  |
|    | 05.0653.40    |
|    | 05.0653.14    |
|  | Dali Version  |
|    | 05.0653.40.DA |
|    | 05.0653.14.DA |
|  | Mains Dimming |
|    | 05.0653.40.NI |
|    | 05.0653.14.NI |
|  | Casambi       |
|    | 05.0653.40.CB |
|    | 05.0653.14.CB |
|  | Non Dimmable  |
|    | 05.0654.40    |
|   | 05.0654.14    |
|  | Dali Version  |
|  | 05.0654.40.DA |
|  | 05.0654.14.DA |
|  | Mains Dimming |
|  | 05.0654.40.NI |
|  | 05.0654.14.NI |
|  | Casambi       |
|  | 05.0654.40.CB |
|  | 05.0654.14.CB |
|  | Non Dimmable  |
|  | 05.0652.40    |
|  | 05.0652.14    |
|  | Dali Version  |
|  | 05.0652.40.DA |
|  | 05.0652.14.DA |
|  | Mains Dimming |
|  | 05.0652.40.NI |
|  | 05.0652.14.NI |
|  | Casambi       |
|  | 05.0652.40.CB |
|  | 05.0652.14.CB |



## Optic Medium 3000K

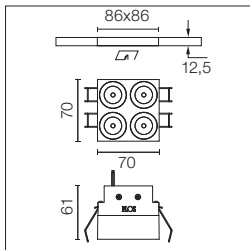
- |   |               |
|---|---------------|
|    | Non Dimmable  |
|    | 05.0655.40    |
|    | 05.0655.14    |
|   | Dali Version  |
|    | 05.0655.40.DA |
|    | 05.0655.14.DA |
|   | Mains Dimming |
|    | 05.0655.40.NI |
|    | 05.0655.14.NI |
|   | Casambi       |
|    | 05.0655.40.CB |
|    | 05.0655.14.CB |
|   | Non Dimmable  |
|    | 05.0656.40    |
|    | 05.0656.14    |
|   | Dali Version  |
|    | 05.0656.40.DA |
|    | 05.0656.14.DA |
|   | Mains Dimming |
|    | 05.0656.40.NI |
|    | 05.0656.14.NI |
|   | Casambi       |
|    | 05.0656.40.CB |
|    | 05.0656.14.CB |
|   | Non Dimmable  |
|    | 05.0658.40    |
|    | 05.0658.14    |
|   | Dali Version  |
|    | 05.0658.40.DA |
|    | 05.0658.14.DA |
|   | Mains Dimming |
|    | 05.0658.40.NI |
|    | 05.0658.14.NI |
|   | Casambi       |
|    | 05.0658.40.CB |
|    | 05.0658.14.CB |
|   | Non Dimmable  |
|    | 05.0659.40    |
|   | 05.0659.14    |
|   | Dali Version  |
|  | 05.0659.40.DA |
|  | 05.0659.14.DA |
|   | Mains Dimming |
|  | 05.0659.40.NI |
|  | 05.0659.14.NI |
|   | Casambi       |
|  | 05.0659.40.CB |
|  | 05.0659.14.CB |
|   | Non Dimmable  |
|  | 05.0657.40    |
|  | 05.0657.14    |
|   | Dali Version  |
|  | 05.0657.40.DA |
|  | 05.0657.14.DA |
|   | Mains Dimming |
|  | 05.0657.40.NI |
|  | 05.0657.14.NI |
|   | Casambi       |
|  | 05.0657.40.CB |
|  | 05.0657.14.CB |



# LIGHT SHADOW

## Light Shadow Fixed No Trim 4 Spots Square

Light Source: Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



GWLT 850°  
 0,34 Kg  
 TFC EE  
 DALI  
 LED INCL  
 CE  
 IP 55

Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa. Necessaria cornice di installazione, da ordinare separatamente (220-240V).  
 Cornice di pre-installazione da ordinare separatamente.

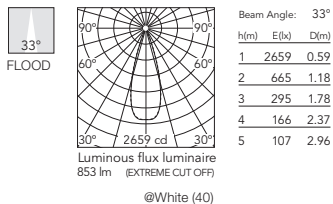
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish.

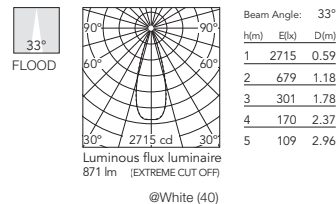
### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 05.0660.40    |
|     | 05.0660.14    |
|     | Dali Version  |
|     | 05.0660.40.DA |
|     | 05.0660.14.DA |
|     | Mains Dimming |
|     | 05.0660.40.NI |
|     | 05.0660.14.NI |
|     | Casambi       |
|     | 05.0660.40.CB |
|     | 05.0660.14.CB |
|     | Non Dimmable  |
|     | 05.0661.40    |
|     | 05.0661.14    |
|     | Dali Version  |
|     | 05.0661.40.DA |
|     | 05.0661.14.DA |
|     | Mains Dimming |
|     | 05.0661.40.NI |
|     | 05.0661.14.NI |
|     | Casambi       |
|     | 05.0661.40.CB |
|     | 05.0661.14.CB |
|     | Non Dimmable  |
|     | 05.0663.40    |
|     | 05.0663.14    |
|     | Dali Version  |
|     | 05.0663.40.DA |
|     | 05.0663.14.DA |
|     | Mains Dimming |
|     | 05.0663.40.NI |
|     | 05.0663.14.NI |
|     | Casambi       |
|     | 05.0663.40.CB |
|     | 05.0663.14.CB |
|     | Non Dimmable  |
|     | 05.0664.40    |
|     | 05.0664.14    |
|     | Dali Version  |
|     | 05.0664.40.DA |
|     | 05.0664.14.DA |
|     | Mains Dimming |
|     | 05.0664.40.NI |
|     | 05.0664.14.NI |
|     | Casambi       |
|     | 05.0664.40.CB |
|     | 05.0664.14.CB |
|     | Non Dimmable  |
|     | 05.0662.40    |
|     | 05.0662.14    |
|     | Dali Version  |
|     | 05.0662.40.DA |
|     | 05.0662.14.DA |
|     | Mains Dimming |
|     | 05.0662.40.NI |
|     | 05.0662.14.NI |
|     | Casambi       |
|     | 05.0662.40.CB |
|     | 05.0662.14.CB |



### Optic Flood 3000K

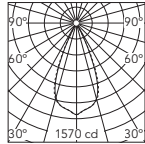
- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 05.0665.40    |
|     | 05.0665.14    |
|     | Dali Version  |
|     | 05.0665.40.DA |
|     | 05.0665.14.DA |
|     | Mains Dimming |
|     | 05.0665.40.NI |
|     | 05.0665.14.NI |
|     | Casambi       |
|     | 05.0665.40.CB |
|     | 05.0665.14.CB |
|     | Non Dimmable  |
|     | 05.0666.40    |
|     | 05.0666.14    |
|     | Dali Version  |
|     | 05.0666.40.DA |
|     | 05.0666.14.DA |
|     | Mains Dimming |
|     | 05.0666.40.NI |
|     | 05.0666.14.NI |
|     | Casambi       |
|     | 05.0666.40.CB |
|     | 05.0666.14.CB |
|     | Non Dimmable  |
|     | 05.0668.40    |
|     | 05.0668.14    |
|     | Dali Version  |
|     | 05.0668.40.DA |
|     | 05.0668.14.DA |
|     | Mains Dimming |
|     | 05.0668.40.NI |
|     | 05.0668.14.NI |
|     | Casambi       |
|     | 05.0668.40.CB |
|     | 05.0668.14.CB |
|     | Non Dimmable  |
|     | 05.0669.40    |
|     | 05.0669.14    |
|     | Dali Version  |
|     | 05.0669.40.DA |
|     | 05.0669.14.DA |
|     | Mains Dimming |
|     | 05.0669.40.NI |
|     | 05.0669.14.NI |
|     | Casambi       |
|     | 05.0669.40.CB |
|     | 05.0669.14.CB |
|     | Non Dimmable  |
|     | 05.0667.40    |
|     | 05.0667.14    |
|     | Dali Version  |
|     | 05.0667.40.DA |
|     | 05.0667.14.DA |
|     | Mains Dimming |
|     | 05.0667.40.NI |
|     | 05.0667.14.NI |
|     | Casambi       |
|     | 05.0667.40.CB |
|     | 05.0667.14.CB |



# LIGHT SHADOW

## Optic Wide Flood 2700K

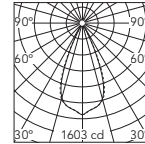
E	I	Non Dimmable
		05.0670.40
		05.0670.14
		Dali Version
		05.0670.40.DA
		05.0670.14.DA
		Mains Dimming
		05.0670.40.NI
		05.0670.14.NI
		Casambi
		05.0670.40.CB
		05.0670.14.CB
		Non Dimmable
		05.0671.40
		05.0671.14
		Dali Version
		05.0671.40.DA
		05.0671.14.DA
		Mains Dimming
		05.0671.40.NI
		05.0671.14.NI
		Casambi
		05.0671.40.CB
		05.0671.14.CB
		Non Dimmable
		05.0673.40
		05.0673.14
		Dali Version
		05.0673.40.DA
		05.0673.14.DA
		Mains Dimming
		05.0673.40.NI
		05.0673.14.NI
		Casambi
		05.0673.40.CB
		05.0673.14.CB
		Non Dimmable
		05.0674.40
		05.0674.14
		Dali Version
		05.0674.40.DA
		05.0674.14.DA
		Mains Dimming
		05.0674.40.NI
		05.0674.14.NI
		Casambi
		05.0674.40.CB
		05.0674.14.CB
		Non Dimmable
		05.0672.40
		05.0672.14
		Dali Version
		05.0672.40.DA
		05.0672.14.DA
		Mains Dimming
		05.0672.40.NI
		05.0672.14.NI
		Casambi
		05.0672.40.CB
		05.0672.14.CB



Beam Angle: 45°			
h(m)	E(lx)	D(m)	
1	1570	0.83	
2	392	1.67	
3	174	2.50	
4	98	3.34	
5	63	4.17	

## Optic Wide Flood 3000K

E	I	Non Dimmable
		05.0675.40
		05.0675.14
		Dali Version
		05.0675.40.DA
		05.0675.14.DA
		Mains Dimming
		05.0675.40.NI
		05.0675.14.NI
		Casambi
		05.0675.40.CB
		05.0675.14.CB
		Non Dimmable
		05.0676.40
		05.0676.14
		Dali Version
		05.0676.40.DA
		05.0676.14.DA
		Mains Dimming
		05.0676.40.NI
		05.0676.14.NI
		Casambi
		05.0676.40.CB
		05.0676.14.CB
		Non Dimmable
		05.0678.40
		05.0678.14
		Dali Version
		05.0678.40.DA
		05.0678.14.DA
		Mains Dimming
		05.0678.40.NI
		05.0678.14.NI
		Casambi
		05.0678.40.CB
		05.0678.14.CB
		Non Dimmable
		05.0679.40
		05.0679.14
		Dali Version
		05.0679.40.DA
		05.0679.14.DA
		Mains Dimming
		05.0679.40.NI
		05.0679.14.NI
		Casambi
		05.0679.40.CB
		05.0679.14.CB
		Non Dimmable
		05.0677.40
		05.0677.14
		Dali Version
		05.0677.40.DA
		05.0677.14.DA
		Mains Dimming
		05.0677.40.NI
		05.0677.14.NI
		Casambi
		05.0677.40.CB
		05.0677.14.CB

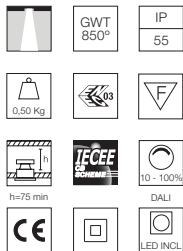
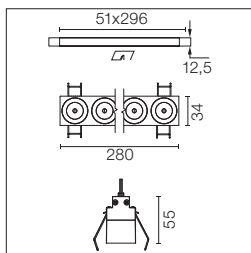


Beam Angle: 45°			
h(m)	E(lx)	D(m)	
1	1603	0.83	
2	401	1.67	
3	178	2.50	
4	100	3.34	
5	64	4.17	

# LIGHT SHADOW

## Light Shadow Fixed No Trim 8 Spots

**Light Source:** Power LED DC 900 mA 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 18,6W - 1800 lm - 2700K/CRI 90 / 18,6W - 1900 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 8 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

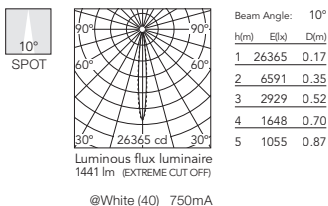
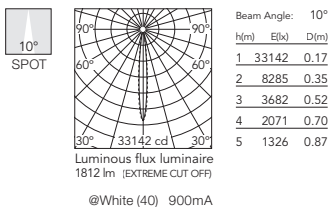
E= Finitura Esterna  
 I= Finitura Interna

Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= External Finish  
 I= Internal Finish

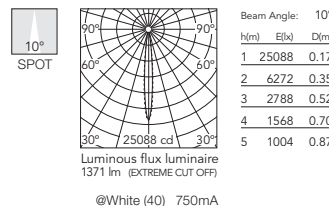
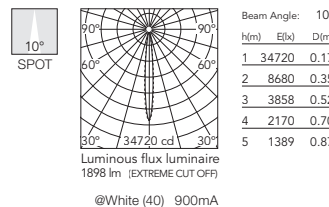
### Optic Spot 2700K

- E I Non Dimmable
- 03.8868.40A
- 03.8868.14A
- Dali Version
- 03.8868.40ADA
- 03.8868.14ADA
- Mains Dimming
- 03.8868.40ANI
- 03.8868.14ANI
- Casambi
- 03.8868.40ACB
- 03.8868.14ACB
- Non Dimmable
- 03.8869.40A
- 03.8869.14A
- Dali Version
- 03.8869.40ADA
- 03.8869.14ADA
- Mains Dimming
- 03.8869.40ANI
- 03.8869.14ANI
- Casambi
- 03.8869.40ACB
- 03.8869.14ACB
- Non Dimmable
- 05.1240.40A
- 05.1240.14A
- Dali Version
- 05.1240.40ADA
- 05.1240.14ADA
- Mains Dimming
- 05.1240.40ANI
- 05.1240.14ANI
- Casambi
- 05.1240.40ACB
- 05.1240.14ACB
- Non Dimmable
- 05.1241.40A
- 05.1241.14A
- Dali Version
- 05.1241.40ADA
- 05.1241.14ADA
- Mains Dimming
- 05.1241.40ANI
- 05.1241.14ANI
- Casambi
- 05.1241.40ACB
- 05.1241.14ACB
- Non Dimmable
- 05.1242.40A
- 05.1242.14A
- Dali Version
- 05.1242.40ADA
- 05.1242.14ADA
- Mains Dimming
- 05.1242.40ANI
- 05.1242.14ANI
- Casambi
- 05.1242.40ACB
- 05.1242.14ACB











































### Optic Spot 3000K

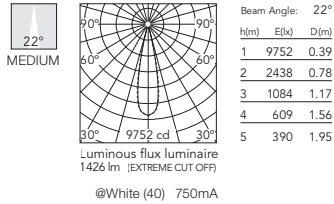
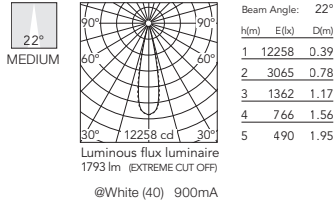
- E I Non Dimmable
- 03.8872.40A
- 03.8872.14A
- Dali Version
- 03.8872.40ADA
- 03.8872.14ADA
- Mains Dimming
- 03.8872.40ANI
- 03.8872.14ANI
- Casambi
- 03.8872.40ACB
- 03.8872.14ACB
- Non Dimmable
- 03.8873.40A
- 03.8873.14A
- Dali Version
- 03.8873.40ADA
- 03.8873.14ADA
- Mains Dimming
- 03.8873.40ANI
- 03.8873.14ANI
- Casambi
- 03.8873.40ACB
- 03.8873.14ACB
- Non Dimmable
- 05.1245.40A
- 05.1245.14A
- Dali Version
- 05.1245.40ADA
- 05.1245.14ADA
- Mains Dimming
- 05.1245.40ANI
- 05.1245.14ANI
- Casambi
- 05.1245.40ACB
- 05.1245.14ACB
- Non Dimmable
- 05.1246.40A
- 05.1246.14A
- Dali Version
- 05.1246.40ADA
- 05.1246.14ADA
- Mains Dimming
- 05.1246.40ANI
- 05.1246.14ANI
- Casambi
- 05.1246.40ACB
- 05.1246.14ACB
- Non Dimmable
- 05.1247.40A
- 05.1247.14A
- Dali Version
- 05.1247.40ADA
- 05.1247.14ADA
- Mains Dimming
- 05.1247.40ANI
- 05.1247.14ANI
- Casambi
- 05.1247.40ACB
- 05.1247.14ACB











































# LIGHT SHADOW

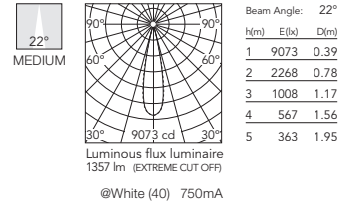
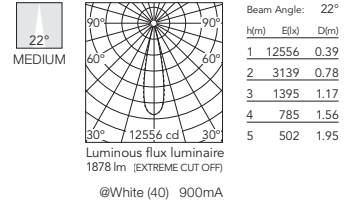
## Optic Medium 2700K

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  -  03.9240.14A
  - Dali Version
  -  03.9240.40ADA
  -  03.9240.14ADA
  - Mains Dimming
  -  03.9240.40ANI
  -  03.9240.14ANI
  - Casambi
  -  03.9240.40ACB
  -  03.9240.14ACB
  - Non Dimmable
  -  03.9241.40A
  -  03.9241.14A
  - Dali Version
  -  03.9241.40ADA
  -  03.9241.14ADA
  - Mains Dimming
  -  03.9241.40ANI
  -  03.9241.14ANI
  - Casambi
  -  03.9241.40ACB
  -  03.9241.14ACB
  - Non Dimmable
  -  05.1250.40A
  -  05.1250.14A
  - Dali Version
  -  05.1250.40ADA
  -  05.1250.14ADA
  - Mains Dimming
  -  05.1250.40ANI
  -  05.1250.14ANI
  - Casambi
  -  05.1250.40ACB
  -  05.1250.14ACB
  - Non Dimmable
  -  05.1251.40A
  -  05.1251.14A
  - Dali Version
  -  05.1251.40ADA
  -  05.1251.14ADA
  - Mains Dimming
  -  05.1251.40ANI
  -  05.1251.14ANI
  - Casambi
  -  05.1251.40ACB
  -  05.1251.14ACB
  - Non Dimmable
  -  05.1252.40A
  -  05.1252.14A
  - Dali Version
  -  05.1252.40ADA
  -  05.1252.14ADA
  - Mains Dimming
  -  05.1252.40ANI
  -  05.1252.14ANI
  - Casambi
  -  05.1252.40ACB
  -  05.1252.14ACB



## Optic Medium 3000K

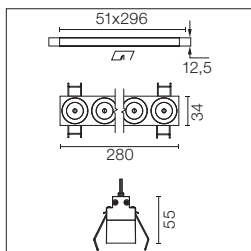
- E I Non Dimmable
-  03.9250.40A
  -  03.9250.14A
  - Dali Version
  -  03.9250.40ADA
  -  03.9250.14ADA
  - Mains Dimming
  -  03.9250.40ANI
  -  03.9250.14ANI
  - Casambi
  -  03.9250.40ACB
  -  03.9250.14ACB
  - Non Dimmable
  -  03.9251.40A
  -  03.9251.14A
  - Dali Version
  -  03.9251.40ADA
  -  03.9251.14ADA
  - Mains Dimming
  -  03.9251.40ANI
  -  03.9251.14ANI
  - Casambi
  -  03.9251.40ACB
  -  03.9251.14ACB
  - Non Dimmable
  -  05.1255.40A
  -  05.1255.14A
  - Dali Version
  -  05.1255.40ADA
  -  05.1255.14ADA
  - Mains Dimming
  -  05.1255.40ANI
  -  05.1255.14ANI
  - Casambi
  -  05.1255.40ACB
  -  05.1255.14ACB
  - Non Dimmable
  -  05.1256.40A
  -  05.1256.14A
  - Dali Version
  -  05.1256.40ADA
  -  05.1256.14ADA
  - Mains Dimming
  -  05.1256.40ANI
  -  05.1256.14ANI
  - Casambi
  -  05.1256.40ACB
  -  05.1256.14ACB
  - Non Dimmable
  -  05.1257.40A
  -  05.1257.14A
  - Dali Version
  -  05.1257.40ADA
  -  05.1257.14ADA
  - Mains Dimming
  -  05.1257.40ANI
  -  05.1257.14ANI
  - Casambi
  -  05.1257.40ACB
  -  05.1257.14ACB



# LIGHT SHADOW

## Light Shadow Fixed No Trim 8 Spots

**Light Source:** Power LED DC 900 mA 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 18,6W - 1800 lm - 2700K/CRI 90 / 18,6W - 1900 lm - 3000K/CRI 90



	GWT 850°	IP 55
	0,50 Kg	
	h=75 min	

Apparecchio per illuminazione da incasso con 8 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

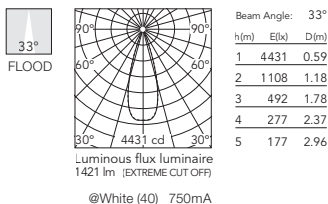
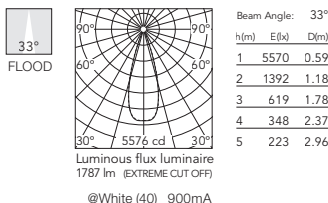
Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

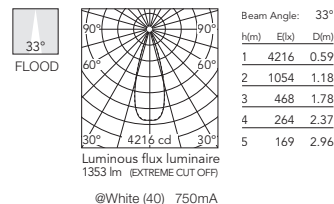
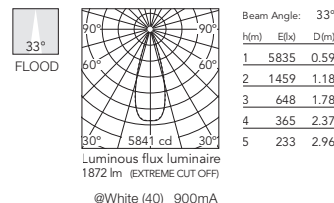
### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9245.40A   |
|     | 03.9245.14A   |
|     | Dali Version  |
|     | 03.9245.40ADA |
|     | 03.9245.14ADA |
|     | Mains Dimming |
|     | 03.9245.40ANI |
|     | 03.9245.14ANI |
|     | Casambi       |
|     | 03.9245.40ACB |
|     | 03.9245.14ACB |
|     | Non Dimmable  |
|     | 03.9246.40A   |
|     | 03.9246.14A   |
|     | Dali Version  |
|     | 03.9246.40ADA |
|     | 03.9246.14ADA |
|     | Mains Dimming |
|     | 03.9246.40ANI |
|     | 03.9246.14ANI |
|     | Casambi       |
|     | 03.9246.40ACB |
|     | 03.9246.14ACB |
|     | Non Dimmable  |
|     | 05.1260.40A   |
|     | 05.1260.14A   |
|     | Dali Version  |
|     | 05.1260.40ADA |
|     | 05.1260.14ADA |
|     | Mains Dimming |
|     | 05.1260.40ANI |
|     | 05.1260.14ANI |
|     | Casambi       |
|     | 05.1260.40ACB |
|     | 05.1260.14ACB |
|     | Non Dimmable  |
|     | 05.1261.40A   |
|     | 05.1261.14A   |
|     | Dali Version  |
|     | 05.1261.40ADA |
|     | 05.1261.14ADA |
|     | Mains Dimming |
|     | 05.1261.40ANI |
|     | 05.1261.14ANI |
|     | Casambi       |
|     | 05.1261.40ACB |
|     | 05.1261.14ACB |
|     | Non Dimmable  |
|     | 05.1262.40A   |
|     | 05.1262.14A   |
|     | Dali Version  |
|     | 05.1262.40ADA |
|     | 05.1262.14ADA |
|     | Mains Dimming |
|     | 05.1262.40ANI |
|     | 05.1262.14ANI |
|     | Casambi       |
|     | 05.1262.40ACB |
|     | 05.1262.14ACB |



### Optic Flood 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9255.40A   |
|     | 03.9255.14A   |
|     | Dali Version  |
|     | 03.9255.40ADA |
|     | 03.9255.14ADA |
|     | Mains Dimming |
|     | 03.9255.40ANI |
|     | 03.9255.14ANI |
|     | Casambi       |
|     | 03.9255.40ACB |
|     | 03.9255.14ACB |
|     | Non Dimmable  |
|     | 03.9256.40A   |
|     | 03.9256.14A   |
|     | Dali Version  |
|     | 03.9256.40ADA |
|     | 03.9256.14ADA |
|     | Mains Dimming |
|     | 03.9256.40ANI |
|     | 03.9256.14ANI |
|     | Casambi       |
|     | 03.9256.40ACB |
|     | 03.9256.14ACB |
|     | Non Dimmable  |
|     | 05.1265.40A   |
|     | 05.1265.14A   |
|     | Dali Version  |
|     | 05.1265.40ADA |
|     | 05.1265.14ADA |
|     | Mains Dimming |
|     | 05.1265.40ANI |
|     | 05.1265.14ANI |
|     | Casambi       |
|     | 05.1265.40ACB |
|     | 05.1265.14ACB |
|     | Non Dimmable  |
|     | 05.1266.40A   |
|     | 05.1266.14A   |
|     | Dali Version  |
|     | 05.1266.40ADA |
|     | 05.1266.14ADA |
|     | Mains Dimming |
|     | 05.1266.40ANI |
|     | 05.1266.14ANI |
|     | Casambi       |
|     | 05.1266.40ACB |
|     | 05.1266.14ACB |
|     | Non Dimmable  |
|     | 05.1267.40A   |
|     | 05.1267.14A   |
|     | Dali Version  |
|     | 05.1267.40ADA |
|     | 05.1267.14ADA |
|     | Mains Dimming |
|     | 05.1267.40ANI |
|     | 05.1267.14ANI |
|     | Casambi       |
|     | 05.1267.40ACB |
|     | 05.1267.14ACB |





# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.8366.40A

03.8366.14A

Dali Version

03.8366.40ADA

03.8366.14ADA

Mains Dimming

03.8366.40ANI

03.8366.14ANI

Casambi

03.8366.40ACB

03.8366.14ACB

Non Dimmable

03.8367.40A

03.8367.14A

Dali Version

03.8367.40ADA

03.8367.14ADA

Mains Dimming

03.8367.40ANI

03.8367.14ANI

Casambi

03.8367.40ACB

03.8367.14ACB

Non Dimmable

05.1270.40A

05.1270.14A

Dali Version

05.1270.40ADA

05.1270.14ADA

Mains Dimming

05.1270.40ANI

05.1270.14ANI

Casambi

05.1270.40ACB

05.1270.14ACB

Non Dimmable

05.1271.40A

05.1271.14A

Dali Version

05.1271.40ADA

05.1271.14ADA

Mains Dimming

05.1271.40ANI

05.1271.14ANI

Casambi

05.1271.40ACB

05.1271.14ACB

Non Dimmable

05.1272.40A

05.1272.14A

Dali Version

05.1272.40ADA

05.1272.14ADA

Mains Dimming

05.1272.40ANI

05.1272.14ANI

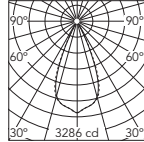
Casambi

05.1272.40ACB

05.1272.14ACB



WIDE FLOOD



Beam Angle: 45°

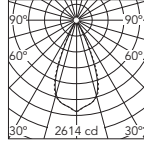
h(m)	E(lx)	D(m)
1	3286	0.83
2	822	1.67
3	365	2.50
4	205	3.34
5	131	4.17

Luminous flux luminaire  
1763 lm (EXTREME CUT OFF)

@White (40) 900mA



WIDE FLOOD



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	2614	0.83
2	654	1.67
3	290	2.50
4	163	3.34
5	105	4.17

Luminous flux luminaire  
1403 lm (EXTREME CUT OFF)

@White (40) 750mA

## Optic Wide Flood 3000K

E I Non Dimmable

03.8370.40A

03.8370.14A

Dali Version

03.8370.40ADA

03.8370.14ADA

Mains Dimming

03.8370.40ANI

03.8370.14ANI

Casambi

03.8370.40ACB

03.8370.14ACB

Non Dimmable

03.8371.40A

03.8371.14A

Dali Version

03.8371.40ADA

03.8371.14ADA

Mains Dimming

03.8371.40ANI

03.8371.14ANI

Casambi

03.8371.40ACB

03.8371.14ACB

Non Dimmable

05.1275.40A

05.1275.14A

Dali Version

05.1275.40ADA

05.1275.14ADA

Mains Dimming

05.1275.40ANI

05.1275.14ANI

Casambi

05.1275.40ACB

05.1275.14ACB

Non Dimmable

05.1276.40A

05.1276.14A

Dali Version

05.1276.40ADA

05.1276.14ADA

Mains Dimming

05.1276.40ANI

05.1276.14ANI

Casambi

05.1276.40ACB

05.1276.14ACB

Non Dimmable

05.1277.40A

05.1277.14A

Dali Version

05.1277.40ADA

05.1277.14ADA

Mains Dimming

05.1277.40ANI

05.1277.14ANI

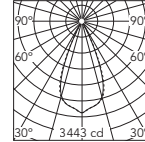
Casambi

05.1277.40ACB

05.1277.14ACB



WIDE FLOOD



Beam Angle: 45°

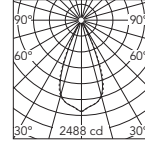
h(m)	E(lx)	D(m)
1	3443	0.83
2	861	1.67
3	383	2.50
4	215	3.34
5	138	4.17

Luminous flux luminaire  
1847 lm (EXTREME CUT OFF)

@White (40) 900mA



WIDE FLOOD



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	2488	0.83
2	622	1.67
3	276	2.50
4	155	3.34
5	100	4.17

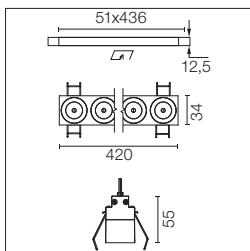
Luminous flux luminaire  
1335 lm (EXTREME CUT OFF)

@White (40) 750mA

# LIGHT SHADOW

## Light Shadow Fixed No Trim 12 Spots

**Light Source:** Power LED DC 900 mA 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 28W - 2710 lm - 2700K/CRI 90 / 28W - 2860 lm - 3000K/CRI 90



	GWT 850°	IP 55
	0,66 Kg	
	h=75 min	

Apparecchio per illuminazione da incasso con 12 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

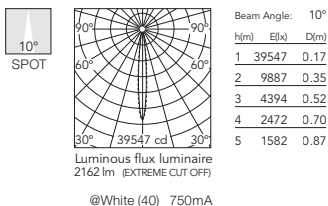
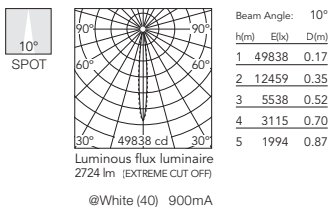
Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

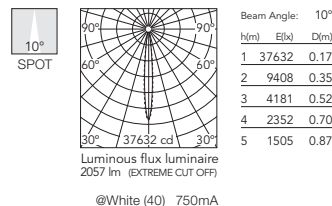
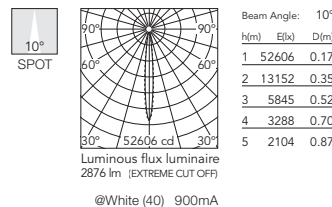
### Optic Spot 2700K

- |   |   |                     |
|---|---|---------------------|
| E | I | Non Dimmable        |
|   |   | 03.8876.40A         |
|   |   | 03.8876.14A         |
|   |   | Dali & Push Version |
|   |   | 03.8876.40BDA       |
|   |   | 03.8876.14BDA       |
|   |   | Mains Dimming       |
|   |   | 03.8876.40ANI       |
|   |   | 03.8876.14ANI       |
|   |   | Casambi             |
|   |   | 03.8876.40ACB       |
|   |   | 03.8876.14ACB       |
|   |   | Non Dimmable        |
|   |   | 03.8877.40A         |
|   |   | 03.8877.14A         |
|   |   | Dali & Push Version |
|   |   | 03.8877.40BDA       |
|   |   | 03.8877.14BDA       |
|   |   | Mains Dimming       |
|   |   | 03.8877.40ANI       |
|   |   | 03.8877.14ANI       |
|   |   | Casambi             |
|   |   | 03.8877.40ACB       |
|   |   | 03.8877.14ACB       |
|   |   | Non Dimmable        |
|   |   | 05.1340.40A         |
|   |   | 05.1340.14A         |
|   |   | Dali & Push Version |
|   |   | 05.1340.40BDA       |
|   |   | 05.1340.14BDA       |
|   |   | Mains Dimming       |
|   |   | 05.1340.40ANI       |
|   |   | 05.1340.14ANI       |
|   |   | Casambi             |
|   |   | 05.1340.40ACB       |
|   |   | 05.1340.14ACB       |
|   |   | Non Dimmable        |
|   |   | 05.1341.40A         |
|   |   | 05.1341.14A         |
|   |   | Dali & Push Version |
|   |   | 05.1341.40BDA       |
|   |   | 05.1341.14BDA       |
|   |   | Mains Dimming       |
|   |   | 05.1341.40ANI       |
|   |   | 05.1341.14ANI       |
|   |   | Casambi             |
|   |   | 05.1341.40ACB       |
|   |   | 05.1341.14ACB       |
|   |   | Non Dimmable        |
|   |   | 05.1342.40A         |
|   |   | 05.1342.14A         |
|   |   | Dali & Push Version |
|   |   | 05.1342.40BDA       |
|   |   | 05.1342.14BDA       |
|   |   | Mains Dimming       |
|   |   | 05.1342.40ANI       |
|   |   | 05.1342.14ANI       |
|   |   | Casambi             |
|   |   | 05.1342.40ACB       |
|   |   | 05.1342.14ACB       |











































### Optic Spot 3000K

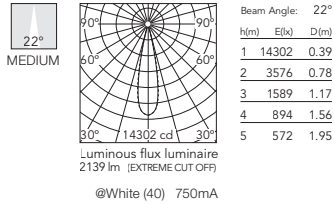
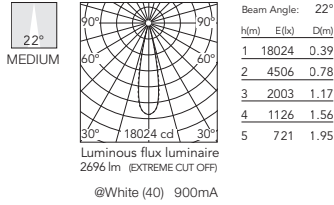
- |   |   |                     |
|---|---|---------------------|
| E | I | Non Dimmable        |
|   |   | 03.8880.40A         |
|   |   | 03.8880.14A         |
|   |   | Dali & Push Version |
|   |   | 03.8880.40BDA       |
|   |   | 03.8880.14BDA       |
|   |   | Mains Dimming       |
|   |   | 03.8880.40ANI       |
|   |   | 03.8880.14ANI       |
|   |   | Casambi             |
|   |   | 03.8880.40ACB       |
|   |   | 03.8880.14ACB       |
|   |   | Non Dimmable        |
|   |   | 03.8881.40A         |
|   |   | 03.8881.14A         |
|   |   | Dali & Push Version |
|   |   | 03.8881.40BDA       |
|   |   | 03.8881.14BDA       |
|   |   | Mains Dimming       |
|   |   | 03.8881.40ANI       |
|   |   | 03.8881.14ANI       |
|   |   | Casambi             |
|   |   | 03.8881.40ACB       |
|   |   | 03.8881.14ACB       |
|   |   | Non Dimmable        |
|   |   | 05.1345.40A         |
|   |   | 05.1345.14A         |
|   |   | Dali & Push Version |
|   |   | 05.1345.40BDA       |
|   |   | 05.1345.14BDA       |
|   |   | Mains Dimming       |
|   |   | 05.1345.40ANI       |
|   |   | 05.1345.14ANI       |
|   |   | Casambi             |
|   |   | 05.1345.40ACB       |
|   |   | 05.1345.14ACB       |
|   |   | Non Dimmable        |
|   |   | 05.1346.40A         |
|   |   | 05.1346.14A         |
|   |   | Dali & Push Version |
|   |   | 05.1346.40BDA       |
|   |   | 05.1346.14BDA       |
|   |   | Mains Dimming       |
|   |   | 05.1346.40ANI       |
|   |   | 05.1346.14ANI       |
|   |   | Casambi             |
|   |   | 05.1346.40ACB       |
|   |   | 05.1346.14ACB       |
|   |   | Non Dimmable        |
|   |   | 05.1347.40A         |
|   |   | 05.1347.14A         |
|   |   | Dali & Push Version |
|   |   | 05.1347.40BDA       |
|   |   | 05.1347.14BDA       |
|   |   | Mains Dimming       |
|   |   | 05.1347.40ANI       |
|   |   | 05.1347.14ANI       |
|   |   | Casambi             |
|   |   | 05.1347.40ACB       |
|   |   | 05.1347.14ACB       |











































# LIGHT SHADOW

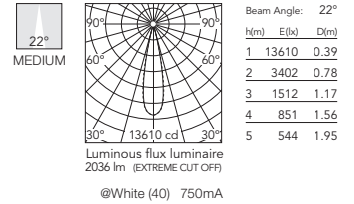
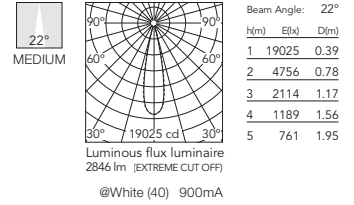
## Optic Medium 2700K

- E I Non Dimmable
-  03.9260.40A
  -  03.9260.14A
  - Dali & Push Version
  -  03.9260.40BDA
  -  03.9260.14BDA
  - Mains Dimming
  -  03.9260.40ANI
  -  03.9260.14ANI
  - Casambi
  -  03.9260.40ACB
  -  03.9260.14ACB
  - Non Dimmable
  -  03.9261.40A
  -  03.9261.14A
  - Dali & Push Version
  -  03.9261.40BDA
  -  03.9261.14BDA
  - Mains Dimming
  -  03.9261.40ANI
  -  03.9261.14ANI
  - Casambi
  -  03.9261.40ACB
  -  03.9261.14ACB
  - Non Dimmable
  -  05.1350.40A
  -  05.1350.14A
  - Dali & Push Version
  -  05.1350.40BDA
  -  05.1350.14BDA
  - Mains Dimming
  -  05.1350.40ANI
  -  05.1350.14ANI
  - Casambi
  -  05.1350.40ACB
  -  05.1350.14ACB
  - Non Dimmable
  -  05.1351.40A
  -  05.1351.14A
  - Dali & Push Version
  -  05.1351.40BDA
  -  05.1351.14BDA
  - Mains Dimming
  -  05.1351.40ANI
  -  05.1351.14ANI
  - Casambi
  -  05.1351.40ACB
  -  05.1351.14ACB
  - Non Dimmable
  -  05.1352.40A
  -  05.1352.14A
  - Dali & Push Version
  -  05.1352.40BDA
  -  05.1352.14BDA
  - Mains Dimming
  -  05.1352.40ANI
  -  05.1352.14ANI
  - Casambi
  -  05.1352.40ACB
  -  05.1352.14ACB



## Optic Medium 3000K

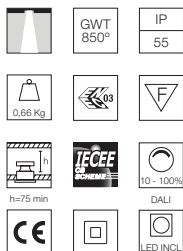
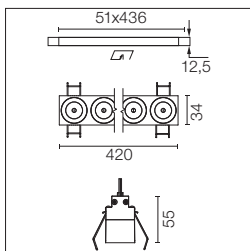
- E I Non Dimmable
-  03.9270.40A
  -  03.9270.14A
  - Dali & Push Version
  -  03.9270.40BDA
  -  03.9270.14BDA
  - Mains Dimming
  -  03.9270.40ANI
  -  03.9270.14ANI
  - Casambi
  -  03.9270.40ACB
  -  03.9270.14ACB
  - Non Dimmable
  -  03.9271.40A
  -  03.9271.14A
  - Dali & Push Version
  -  03.9271.40BDA
  -  03.9271.14BDA
  - Mains Dimming
  -  03.9271.40ANI
  -  03.9271.14ANI
  - Casambi
  -  03.9271.40ACB
  -  03.9271.14ACB
  - Non Dimmable
  -  05.1355.40A
  -  05.1355.14A
  - Dali & Push Version
  -  05.1355.40BDA
  -  05.1355.14BDA
  - Mains Dimming
  -  05.1355.40ANI
  -  05.1355.14ANI
  - Casambi
  -  05.1355.40ACB
  -  05.1355.14ACB
  - Non Dimmable
  -  05.1356.40A
  -  05.1356.14A
  - Dali & Push Version
  -  05.1356.40BDA
  -  05.1356.14BDA
  - Mains Dimming
  -  05.1356.40ANI
  -  05.1356.14ANI
  - Casambi
  -  05.1356.40ACB
  -  05.1356.14ACB
  - Non Dimmable
  -  05.1357.40A
  -  05.1357.14A
  - Dali & Push Version
  -  05.1357.40BDA
  -  05.1357.14BDA
  - Mains Dimming
  -  05.1357.40ANI
  -  05.1357.14ANI
  - Casambi
  -  05.1357.40ACB
  -  05.1357.14ACB



# LIGHT SHADOW

## Light Shadow Fixed No Trim 12 Spots

**Light Source:** Power LED DC 900 mA 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 28W - 2710 lm - 2700K/CRI 90 / 28W - 2860 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 12 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

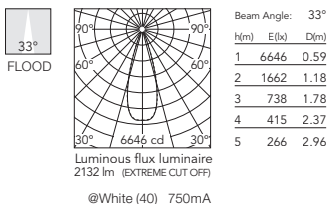
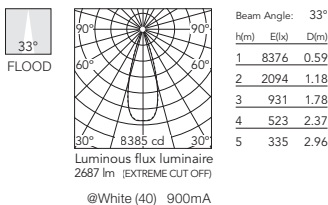
Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

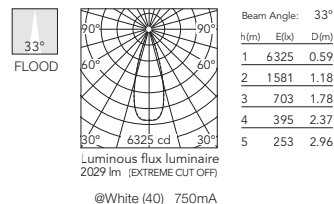
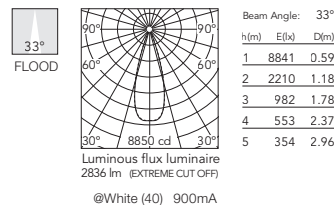
### Optic Flood 2700K

- |   |   |                     |
|---|---|---------------------|
| E | I | Non Dimmable        |
| ■ | ■ | 03.9265.40A         |
| ■ | ■ | 03.9265.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 03.9265.40BDA       |
| ■ | ■ | 03.9265.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 03.9265.40ANI       |
| ■ | ■ | 03.9265.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 03.9265.40ACB       |
| ■ | ■ | 03.9265.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 03.9266.40A         |
| ■ | ■ | 03.9266.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 03.9266.40BDA       |
| ■ | ■ | 03.9266.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 03.9266.40ANI       |
| ■ | ■ | 03.9266.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 03.9266.40ACB       |
| ■ | ■ | 03.9266.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1360.40A         |
| ■ | ■ | 05.1360.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1360.40BDA       |
| ■ | ■ | 05.1360.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1360.40ANI       |
| ■ | ■ | 05.1360.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1360.40ACB       |
| ■ | ■ | 05.1360.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1361.40A         |
| ■ | ■ | 05.1361.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1361.40BDA       |
| ■ | ■ | 05.1361.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1361.40ANI       |
| ■ | ■ | 05.1361.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1361.40ACB       |
| ■ | ■ | 05.1361.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1362.40A         |
| ■ | ■ | 05.1362.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1362.40BDA       |
| ■ | ■ | 05.1362.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1362.40ANI       |
| ■ | ■ | 05.1362.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1362.40ACB       |
| ■ | ■ | 05.1362.14ACB       |



### Optic Flood 3000K

- |   |   |                     |
|---|---|---------------------|
| E | I | Non Dimmable        |
| ■ | ■ | 03.9275.40A         |
| ■ | ■ | 03.9275.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 03.9275.40BDA       |
| ■ | ■ | 03.9275.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 03.9275.40ANI       |
| ■ | ■ | 03.9275.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 03.9275.40ACB       |
| ■ | ■ | 03.9275.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 03.9276.40A         |
| ■ | ■ | 03.9276.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 03.9276.40BDA       |
| ■ | ■ | 03.9276.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 03.9276.40ANI       |
| ■ | ■ | 03.9276.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 03.9276.40ACB       |
| ■ | ■ | 03.9276.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1365.40A         |
| ■ | ■ | 05.1365.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1365.40BDA       |
| ■ | ■ | 05.1365.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1365.40ANI       |
| ■ | ■ | 05.1365.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1365.40ACB       |
| ■ | ■ | 05.1365.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1366.40A         |
| ■ | ■ | 05.1366.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1366.40BDA       |
| ■ | ■ | 05.1366.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1366.40ANI       |
| ■ | ■ | 05.1366.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1366.40ACB       |
| ■ | ■ | 05.1366.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1367.40A         |
| ■ | ■ | 05.1367.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1367.40BDA       |
| ■ | ■ | 05.1367.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1367.40ANI       |
| ■ | ■ | 05.1367.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1367.40ACB       |
| ■ | ■ | 05.1367.14ACB       |



# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.8374.40A

03.8374.14A

Dali & Push Version

03.8374.40BDA

03.8374.14BDA

Mains Dimming

03.8374.40ANI

03.8374.14ANI

Casambi

03.8374.40ACB

03.8374.14ACB

Non Dimmable

03.8375.40A

03.8375.14A

Dali & Push Version

03.8375.40BDA

03.8375.14BDA

Mains Dimming

03.8375.40ANI

03.8375.14ANI

Casambi

03.8375.40ACB

03.8375.14ACB

Non Dimmable

05.1370.40A

05.1370.14A

Dali & Push Version

05.1370.40BDA

05.1370.14BDA

Mains Dimming

05.1370.40ANI

05.1370.14ANI

Casambi

05.1370.40ACB

05.1370.14ACB

Non Dimmable

05.1371.40A

05.1371.14A

Dali & Push Version

05.1371.40BDA

05.1371.14BDA

Mains Dimming

05.1371.40ANI

05.1371.14ANI

Casambi

05.1371.40ACB

05.1371.14ACB

Non Dimmable

05.1372.40A

05.1372.14A

Dali & Push Version

05.1372.40BDA

05.1372.14BDA

Mains Dimming

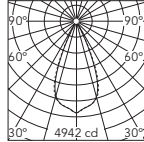
05.1372.40ANI

05.1372.14ANI

Casambi

05.1372.40ACB

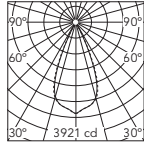
05.1372.14ACB



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire  
2652 lm (EXTREME CUT OFF)  
@White (40) 900mA



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	3921	0.83
2	980	1.67
3	436	2.50
4	245	3.34
5	157	4.17

Luminous flux luminaire  
2104 lm (EXTREME CUT OFF)  
@White (40) 750mA

## Optic Wide Flood 3000K

E I Non Dimmable

03.8378.40A

03.8378.14A

Dali & Push Version

03.8378.40BDA

03.8378.14BDA

Mains Dimming

03.8378.40ANI

03.8378.14ANI

Casambi

03.8378.40ACB

03.8378.14ACB

Non Dimmable

03.8379.40A

03.8379.14A

Dali & Push Version

03.8379.40BDA

03.8379.14BDA

Mains Dimming

03.8379.40ANI

03.8379.14ANI

Casambi

03.8379.40ACB

03.8379.14ACB

Non Dimmable

05.1375.40A

05.1375.14A

Dali & Push Version

05.1375.40BDA

05.1375.14BDA

Mains Dimming

05.1375.40ANI

05.1375.14ANI

Casambi

05.1375.40ACB

05.1375.14ACB

Non Dimmable

05.1376.40A

05.1376.14A

Dali & Push Version

05.1376.40BDA

05.1376.14BDA

Mains Dimming

05.1376.40ANI

05.1376.14ANI

Casambi

05.1376.40ACB

05.1376.14ACB

Non Dimmable

05.1377.40A

05.1377.14A

Dali & Push Version

05.1377.40BDA

05.1377.14BDA

Mains Dimming

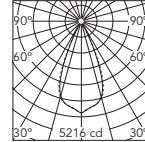
05.1377.40ANI

05.1377.14ANI

Casambi

05.1377.40ACB

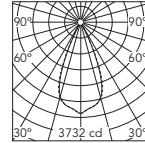
05.1377.14ACB



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	5216	0.83
2	1304	1.67
3	580	2.50
4	326	3.34
5	209	4.17

Luminous flux luminaire  
2799 lm (EXTREME CUT OFF)  
@White (40) 900mA



Beam Angle: 45°

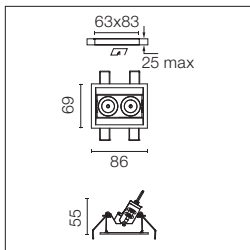
h(m)	E(lx)	D(m)
1	3732	0.83
2	933	1.67
3	415	2.50
4	233	3.34
5	149	4.17

Luminous flux luminaire  
2002 lm (EXTREME CUT OFF)  
@White (40) 750mA

# LIGHT SHADOW

## Light Shadow Adjustable Trim 2 Spots

**Light Source:** Power LED DC 900 mA 7W - 540 lm - 2700K/CRI 90 / 7W - 570 lm - 3000K/CRI 90



GWT 850°  
 DALI  
 LED INCL  
 IP 20  
 CE  
 TFCCE  
 0,25 Kg  
 h=150 mm

Apparecchio per illuminazione da incasso con 2 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

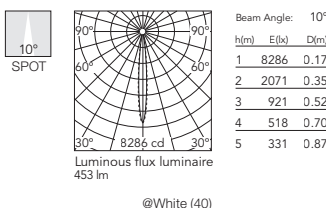
Recessed integrated luminaire with 2 LED lighting spots. Remote power supply included (220-240V). Pre-Installation frame not required.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

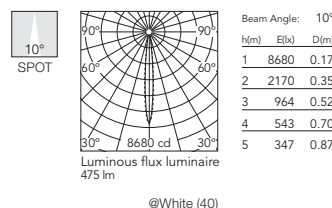
### Optic Spot 2700K

- |  |               |
|--|---------------|
|  | Non Dimmable  |
|  | 03.8884.40A   |
|  | 03.8884.14A   |
|  | Dali Version  |
|  | 03.8884.40ADA |
|  | 03.8884.14ADA |
|  | Mains Dimming |
|  | 03.8884.40ANI |
|  | 03.8884.14ANI |
|  | Casambi       |
|  | 03.8884.40ACB |
|  | 03.8884.14ACB |
|  | Non Dimmable  |
|  | 03.8885.40A   |
|  | 03.8885.14A   |
|  | Dali Version  |
|  | 03.8885.40ADA |
|  | 03.8885.14ADA |
|  | Mains Dimming |
|  | 03.8885.40ANI |
|  | 03.8885.14ANI |
|  | Casambi       |
|  | 03.8885.40ACB |
|  | 03.8885.14ACB |
|  | Non Dimmable  |
|  | 05.1400.40A   |
|  | 05.1400.14A   |
|  | Dali Version  |
|  | 05.1400.40ADA |
|  | 05.1400.14ADA |
|  | Mains Dimming |
|  | 05.1400.40ANI |
|  | 05.1400.14ANI |
|  | Casambi       |
|  | 05.1400.40ACB |
|  | 05.1400.14ACB |
|  | Non Dimmable  |
|  | 05.1401.40A   |
|  | 05.1401.14A   |
|  | Dali Version  |
|  | 05.1401.40ADA |
|  | 05.1401.14ADA |
|  | Mains Dimming |
|  | 05.1401.40ANI |
|  | 05.1401.14ANI |
|  | Casambi       |
|  | 05.1401.40ACB |
|  | 05.1401.14ACB |
|  | Non Dimmable  |
|  | 05.1402.40A   |
|  | 05.1402.14A   |
|  | Dali Version  |
|  | 05.1402.40ADA |
|  | 05.1402.14ADA |
|  | Mains Dimming |
|  | 05.1402.40ANI |
|  | 05.1402.14ANI |
|  | Casambi       |
|  | 05.1402.40ACB |
|  | 05.1402.14ACB |


































### Optic Spot 3000K

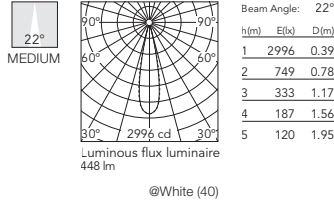
- |  |               |
|--|---------------|
|  | Non Dimmable  |
|  | 03.8888.40A   |
|  | 03.8888.14A   |
|  | Dali Version  |
|  | 03.8888.40ADA |
|  | 03.8888.14ADA |
|  | Mains Dimming |
|  | 03.8888.40ANI |
|  | 03.8888.14ANI |
|  | Casambi       |
|  | 03.8888.40ACB |
|  | 03.8888.14ACB |
|  | Non Dimmable  |
|  | 03.8889.40A   |
|  | 03.8889.14A   |
|  | Dali Version  |
|  | 03.8889.40ADA |
|  | 03.8889.14ADA |
|  | Mains Dimming |
|  | 03.8889.40ANI |
|  | 03.8889.14ANI |
|  | Casambi       |
|  | 03.8889.40ACB |
|  | 03.8889.14ACB |
|  | Non Dimmable  |
|  | 05.1405.40A   |
|  | 05.1405.14A   |
|  | Dali Version  |
|  | 05.1405.40ADA |
|  | 05.1405.14ADA |
|  | Mains Dimming |
|  | 05.1405.40ANI |
|  | 05.1405.14ANI |
|  | Casambi       |
|  | 05.1405.40ACB |
|  | 05.1405.14ACB |
|  | Non Dimmable  |
|  | 05.1406.40A   |
|  | 05.1406.14A   |
|  | Dali Version  |
|  | 05.1406.40ADA |
|  | 05.1406.14ADA |
|  | Mains Dimming |
|  | 05.1406.40ANI |
|  | 05.1406.14ANI |
|  | Casambi       |
|  | 05.1406.40ACB |
|  | 05.1406.14ACB |
|  | Non Dimmable  |
|  | 05.1407.40A   |
|  | 05.1407.14A   |
|  | Dali Version  |
|  | 05.1407.40ADA |
|  | 05.1407.14ADA |
|  | Mains Dimming |
|  | 05.1407.40ANI |
|  | 05.1407.14ANI |
|  | Casambi       |
|  | 05.1407.40ACB |
|  | 05.1407.14ACB |



# LIGHT SHADOW

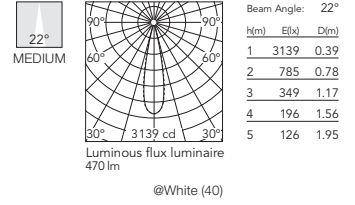
## Optic Medium 2700K

	Non Dimmable
	03.9300.40A
	03.9300.14A
	Dali Version
	03.9300.40ADA
	03.9300.14ADA
	Mains Dimming
	03.9300.40ANI
	03.9300.14ANI
	Casambi
	03.9300.40ACB
	03.9300.14ACB
	Non Dimmable
	03.9301.40A
	03.9301.14A
	Dali Version
	03.9301.40ADA
	03.9301.14ADA
	Mains Dimming
	03.9301.40ANI
	03.9301.14ANI
	Casambi
	03.9301.40ACB
	03.9301.14ACB
	Non Dimmable
	05.1410.40A
	05.1410.14A
	Dali Version
	05.1410.40ADA
	05.1410.14ADA
	Mains Dimming
	05.1410.40ANI
	05.1410.14ANI
	Casambi
	05.1410.40ACB
	05.1410.14ACB
	Non Dimmable
	05.1411.40A
	05.1411.14A
	Dali Version
	05.1411.40ADA
	05.1411.14ADA
	Mains Dimming
	05.1411.40ANI
	05.1411.14ANI
	Casambi
	05.1411.40ACB
	05.1411.14ACB
	Non Dimmable
	05.1412.40A
	05.1412.14A
	Dali Version
	05.1412.40ADA
	05.1412.14ADA
	Mains Dimming
	05.1412.40ANI
	05.1412.14ANI
	Casambi
	05.1412.40ACB
	05.1412.14ACB



## Optic Medium 3000K

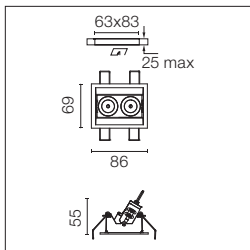
	Non Dimmable
	03.9310.40A
	03.9310.14A
	Dali Version
	03.9310.40ADA
	03.9310.14ADA
	Mains Dimming
	03.9310.40ANI
	03.9310.14ANI
	Casambi
	03.9310.40ACB
	03.9310.14ACB
	Non Dimmable
	03.9311.40A
	03.9311.14A
	Dali Version
	03.9311.40ADA
	03.9311.14ADA
	Mains Dimming
	03.9311.40ANI
	03.9311.14ANI
	Casambi
	03.9311.40ACB
	03.9311.14ACB
	Non Dimmable
	05.1415.40A
	05.1415.14A
	Dali Version
	05.1415.40ADA
	05.1415.14ADA
	Mains Dimming
	05.1415.40ANI
	05.1415.14ANI
	Casambi
	05.1415.40ACB
	05.1415.14ACB
	Non Dimmable
	05.1416.40A
	05.1416.14A
	Dali Version
	05.1416.40ADA
	05.1416.14ADA
	Mains Dimming
	05.1416.40ANI
	05.1416.14ANI
	Casambi
	05.1416.40ACB
	05.1416.14ACB
	Non Dimmable
	05.1417.40A
	05.1417.14A
	Dali Version
	05.1417.40ADA
	05.1417.14ADA
	Mains Dimming
	05.1417.40ANI
	05.1417.14ANI
	Casambi
	05.1417.40ACB
	05.1417.14ACB



# LIGHT SHADOW

## Light Shadow Adjustable Trim 2 Spots

**Light Source:** Power LED DC 900 mA 7W - 540 lm - 2700K/CRI 90 / 7W - 570 lm - 3000K/CRI 90



- GWT 850°
- DALI
- LED INCL
- IP 20
- CE
- 0,25 Kg
- TFCCE
- 30° 30°
- DALI
- LED INCL
- IP 20
- h=150 mm

Apparecchio per illuminazione da incasso con 2 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

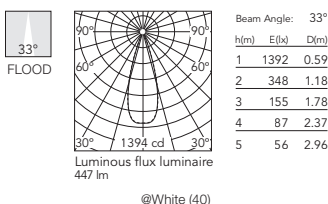
Recessed integrated luminaire with 2 LED lighting spots. Remote power supply included (220-240V). Pre-Installation frame not required.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

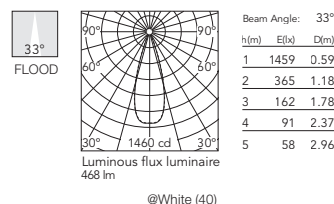
### Optic Flood 2700K

- Non Dimmable
- 03.9305.40A
- 03.9305.14A
- Dali Version
- 03.9305.40ADA
- 03.9305.14ADA
- Mains Dimming
- 03.9305.40ANI
- 03.9305.14ANI
- Casambi
- 03.9305.40ACB
- 03.9305.14ACB
- Non Dimmable
- 03.9306.40A
- 03.9306.14A
- Dali Version
- 03.9306.40ADA
- 03.9306.14ADA
- Mains Dimming
- 03.9306.40ANI
- 03.9306.14ANI
- Casambi
- 03.9306.40ACB
- 03.9306.14ACB
- Non Dimmable
- 05.1420.40A
- 05.1420.14A
- Dali Version
- 05.1420.40ADA
- 05.1420.14ADA
- Mains Dimming
- 05.1420.40ANI
- 05.1420.14ANI
- Casambi
- 05.1420.40ACB
- 05.1420.14ACB
- Non Dimmable
- 05.1421.40A
- 05.1421.14A
- Dali Version
- 05.1421.40ADA
- 05.1421.14ADA
- Mains Dimming
- 05.1421.40ANI
- 05.1421.14ANI
- Casambi
- 05.1421.40ACB
- 05.1421.14ACB
- Non Dimmable
- 05.1422.40A
- 05.1422.14A
- Dali Version
- 05.1422.40ADA
- 05.1422.14ADA
- Mains Dimming
- 05.1422.40ANI
- 05.1422.14ANI
- Casambi
- 05.1422.40ACB
- 05.1422.14ACB



### Optic Flood 3000K

- Non Dimmable
- 03.9315.40A
- 03.9315.14A
- Dali Version
- 03.9315.40ADA
- 03.9315.14ADA
- Mains Dimming
- 03.9315.40ANI
- 03.9315.14ANI
- Casambi
- 03.9315.40ACB
- 03.9315.14ACB
- Non Dimmable
- 03.9316.40A
- 03.9316.14A
- Dali Version
- 03.9316.40ADA
- 03.9316.14ADA
- Mains Dimming
- 03.9316.40ANI
- 03.9316.14ANI
- Casambi
- 03.9316.40ACB
- 03.9316.14ACB
- Non Dimmable
- 05.1425.40A
- 05.1425.14A
- Dali Version
- 05.1425.40ADA
- 05.1425.14ADA
- Mains Dimming
- 05.1425.40ANI
- 05.1425.14ANI
- Casambi
- 05.1425.40ACB
- 05.1425.14ACB
- Non Dimmable
- 05.1426.40A
- 05.1426.14A
- Dali Version
- 05.1426.40ADA
- 05.1426.14ADA
- Mains Dimming
- 05.1426.40ANI
- 05.1426.14ANI
- Casambi
- 05.1426.40ACB
- 05.1426.14ACB
- Non Dimmable
- 05.1427.40A
- 05.1427.14A
- Dali Version
- 05.1427.40ADA
- 05.1427.14ADA
- Mains Dimming
- 05.1427.40ANI
- 05.1427.14ANI
- Casambi
- 05.1427.40ACB
- 05.1427.14ACB





# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.7300.40A

03.7300.14A

Dali Version

03.7300.40ADA

03.7300.14ADA

Mains Dimming

03.7300.40ANI

03.7300.14ANI

Casambi

03.7300.40ACB

03.7300.14ACB

Non Dimmable

03.7301.40A

03.7301.14A

Dali Version

03.7301.40ADA

03.7301.14ADA

Mains Dimming

03.7301.40ANI

03.7301.14ANI

Casambi

03.7301.40ACB

03.7301.14ACB

Non Dimmable

05.1430.40A

05.1430.14A

Dali Version

05.1430.40ADA

05.1430.14ADA

Mains Dimming

05.1430.40ANI

05.1430.14ANI

Casambi

05.1430.40ACB

05.1430.14ACB

Non Dimmable

05.1431.40A

05.1431.14A

Dali Version

05.1431.40ADA

05.1431.14ADA

Mains Dimming

05.1431.40ANI

05.1431.14ANI

Casambi

05.1431.40ACB

05.1431.14ACB

Non Dimmable

05.1432.40A

05.1432.14A

Dali Version

05.1432.40ADA

05.1432.14ADA

Mains Dimming

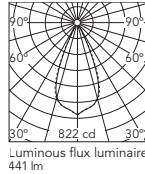
05.1432.40ANI

05.1432.14ANI

Casambi

05.1432.40ACB

05.1432.14ACB



@White (40)

## Optic Wide Flood 3000K

E I Non Dimmable

03.7304.40A

03.7304.14A

Dali Version

03.7304.40ADA

03.7304.14ADA

Mains Dimming

03.7304.40ANI

03.7304.14ANI

Casambi

03.7304.40ACB

03.7304.14ACB

Non Dimmable

03.7305.40A

03.7305.14A

Dali Version

03.7305.40ADA

03.7305.14ADA

Mains Dimming

03.7305.40ANI

03.7305.14ANI

Casambi

03.7305.40ACB

03.7305.14ACB

Non Dimmable

05.1435.40A

05.1435.14A

Dali Version

05.1435.40ADA

05.1435.14ADA

Mains Dimming

05.1435.40ANI

05.1435.14ANI

Casambi

05.1435.40ACB

05.1435.14ACB

Non Dimmable

05.1436.40A

05.1436.14A

Dali Version

05.1436.40ADA

05.1436.14ADA

Mains Dimming

05.1436.40ANI

05.1436.14ANI

Casambi

05.1436.40ACB

05.1436.14ACB

Non Dimmable

05.1437.40A

05.1437.14A

Dali Version

05.1437.40ADA

05.1437.14ADA

Mains Dimming

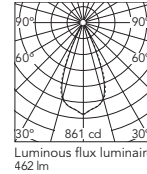
05.1437.40ANI

05.1437.14ANI

Casambi

05.1437.40ACB

05.1437.14ACB

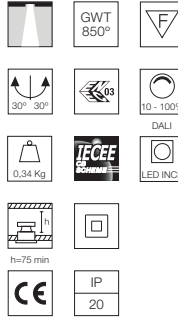
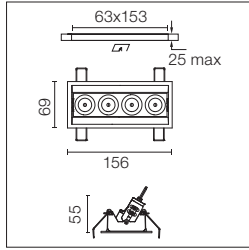


@White (40)

# LIGHT SHADOW

## Light Shadow Adjustable Trim 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di insta pre-installazione.

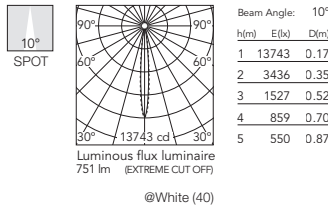
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). Pre-Installation frame not required.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

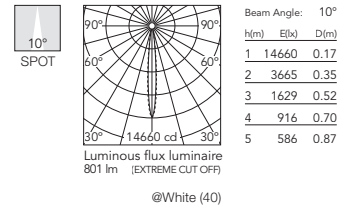
### Optic Spot 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
| ■ ■ | 03.8892.40A   |
| ■ ■ | 03.8892.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 03.8892.40ADA |
| ■ ■ | 03.8892.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 03.8892.40ANI |
| ■ ■ | 03.8892.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 03.8892.40ACB |
| ■ ■ | 03.8892.14ACB |
| ■ ■ | Non Dimmable  |
| ■ ■ | 03.8893.40A   |
| ■ ■ | 03.8893.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 03.8893.40ADA |
| ■ ■ | 03.8893.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 03.8893.40ANI |
| ■ ■ | 03.8893.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 03.8893.40ACB |
| ■ ■ | 03.8893.14ACB |
| ■ ■ | Non Dimmable  |
| ■ ■ | 05.1500.40A   |
| ■ ■ | 05.1500.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 05.1500.40ADA |
| ■ ■ | 05.1500.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 05.1500.40ANI |
| ■ ■ | 05.1500.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 05.1500.40ACB |
| ■ ■ | 05.1500.14ACB |
| ■ ■ | Non Dimmable  |
| ■ ■ | 05.1501.40A   |
| ■ ■ | 05.1501.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 05.1501.40ADA |
| ■ ■ | 05.1501.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 05.1501.40ANI |
| ■ ■ | 05.1501.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 05.1501.40ACB |
| ■ ■ | 05.1501.14ACB |
| ■ ■ | Non Dimmable  |
| ■ ■ | 05.1502.40A   |
| ■ ■ | 05.1502.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 05.1502.40ADA |
| ■ ■ | 05.1502.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 05.1502.40ANI |
| ■ ■ | 05.1502.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 05.1502.40ACB |
| ■ ■ | 05.1502.14ACB |



### Optic Spot 3000K

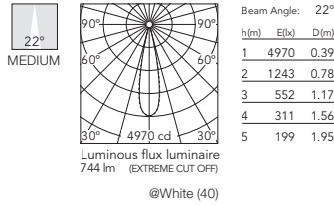
- |     |               |
|-----|---------------|
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| ■ ■ | 03.8896.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 03.8896.40ADA |
| ■ ■ | 03.8896.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 03.8896.40ANI |
| ■ ■ | 03.8896.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 03.8896.40ACB |
| ■ ■ | 03.8896.14ACB |
| ■ ■ | Non Dimmable  |
| ■ ■ | 03.8897.40A   |
| ■ ■ | 03.8897.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 03.8897.40ADA |
| ■ ■ | 03.8897.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 03.8897.40ANI |
| ■ ■ | 03.8897.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 03.8897.40ACB |
| ■ ■ | 03.8897.14ACB |
| ■ ■ | Non Dimmable  |
| ■ ■ | 05.1505.40A   |
| ■ ■ | 05.1505.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 05.1505.40ADA |
| ■ ■ | 05.1505.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 05.1505.40ANI |
| ■ ■ | 05.1505.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 05.1505.40ACB |
| ■ ■ | 05.1505.14ACB |
| ■ ■ | Non Dimmable  |
| ■ ■ | 05.1506.40A   |
| ■ ■ | 05.1506.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 05.1506.40ADA |
| ■ ■ | 05.1506.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 05.1506.40ANI |
| ■ ■ | 05.1506.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 05.1506.40ACB |
| ■ ■ | 05.1506.14ACB |
| ■ ■ | Non Dimmable  |
| ■ ■ | 05.1507.40A   |
| ■ ■ | 05.1507.14A   |
| ■ ■ | Dali Version  |
| ■ ■ | 05.1507.40ADA |
| ■ ■ | 05.1507.14ADA |
| ■ ■ | Mains Dimming |
| ■ ■ | 05.1507.40ANI |
| ■ ■ | 05.1507.14ANI |
| ■ ■ | Casambi       |
| ■ ■ | 05.1507.40ACB |
| ■ ■ | 05.1507.14ACB |



# LIGHT SHADOW

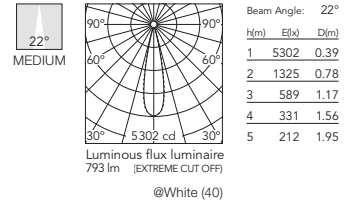
## Optic Medium 2700K

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		03.9320.14A
		Dali Version
		03.9320.40ADA
		03.9320.14ADA
		Mains Dimming
		03.9320.40ANI
		03.9320.14ANI
		Casambi
		03.9320.40ACB
		03.9320.14ACB
		Non Dimmable
		03.9321.40A
		03.9321.14A
		Dali Version
		03.9321.40ADA
		03.9321.14ADA
		Mains Dimming
		03.9321.40ANI
		03.9321.14ANI
		Casambi
		03.9321.40ACB
		03.9321.14ACB
		Non Dimmable
		05.1510.40A
		05.1510.14A
		Dali Version
		05.1510.40ADA
		05.1510.14ADA
		Mains Dimming
		05.1510.40ANI
		05.1510.14ANI
		Casambi
		05.1510.40ACB
		05.1510.14ACB
		Non Dimmable
		05.1511.40A
		05.1511.14A
		Dali Version
		05.1511.40ADA
		05.1511.14ADA
		Mains Dimming
		05.1511.40ANI
		05.1511.14ANI
		Casambi
		05.1511.40ACB
		05.1511.14ACB
		Non Dimmable
		05.1512.40A
		05.1512.14A
		Dali Version
		05.1512.40ADA
		05.1512.14ADA
		Mains Dimming
		05.1512.40ANI
		05.1512.14ANI
		Casambi
		05.1512.40ACB
		05.1512.14ACB



## Optic Medium 3000K

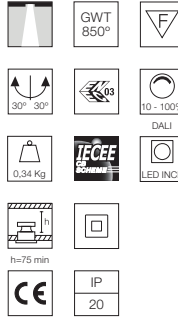
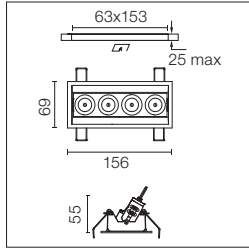
E	I	Non Dimmable
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		03.9330.14A
		Dali Version
		03.9330.40ADA
		03.9330.14ADA
		Mains Dimming
		03.9330.40ANI
		03.9330.14ANI
		Casambi
		03.9330.40ACB
		03.9330.14ACB
		Non Dimmable
		03.9331.40A
		03.9331.14A
		Dali Version
		03.9331.40ADA
		03.9331.14ADA
		Mains Dimming
		03.9331.40ANI
		03.9331.14ANI
		Casambi
		03.9331.40ACB
		03.9331.14ACB
		Non Dimmable
		05.1515.40A
		05.1515.14A
		Dali Version
		05.1515.40ADA
		05.1515.14ADA
		Mains Dimming
		05.1515.40ANI
		05.1515.14ANI
		Casambi
		05.1515.40ACB
		05.1515.14ACB
		Non Dimmable
		05.1516.40A
		05.1516.14A
		Dali Version
		05.1516.40ADA
		05.1516.14ADA
		Mains Dimming
		05.1516.40ANI
		05.1516.14ANI
		Casambi
		05.1516.40ACB
		05.1516.14ACB
		Non Dimmable
		05.1517.40A
		05.1517.14A
		Dali Version
		05.1517.40ADA
		05.1517.14ADA
		Mains Dimming
		05.1517.40ANI
		05.1517.14ANI
		Casambi
		05.1517.40ACB
		05.1517.14ACB



# LIGHT SHADOW

## Light Shadow Adjustable Trim 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di installazione pre-installazione.

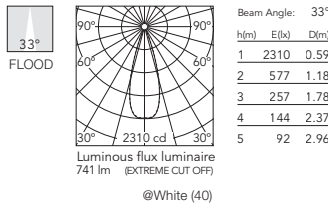
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). Pre-Installation frame not required.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

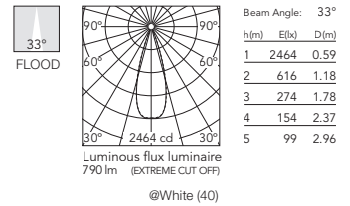
### Optic Flood 2700K

- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.9325.40A   |
| ■ | ■ | 03.9325.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.9325.40ADA |
| ■ | ■ | 03.9325.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.9325.40ANI |
| ■ | ■ | 03.9325.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.9325.40ACB |
| ■ | ■ | 03.9325.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 03.9326.40A   |
| ■ | ■ | 03.9326.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.9326.40ADA |
| ■ | ■ | 03.9326.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.9326.40ANI |
| ■ | ■ | 03.9326.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.9326.40ACB |
| ■ | ■ | 03.9326.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1520.40A   |
| ■ | ■ | 05.1520.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1520.40ADA |
| ■ | ■ | 05.1520.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1520.40ANI |
| ■ | ■ | 05.1520.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1520.40ACB |
| ■ | ■ | 05.1520.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1521.40A   |
| ■ | ■ | 05.1521.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1521.40ADA |
| ■ | ■ | 05.1521.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1521.40ANI |
| ■ | ■ | 05.1521.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1521.40ACB |
| ■ | ■ | 05.1521.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1522.40A   |
| ■ | ■ | 05.1522.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1522.40ADA |
| ■ | ■ | 05.1522.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1522.40ANI |
| ■ | ■ | 05.1522.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1522.40ACB |
| ■ | ■ | 05.1522.14ACB |











































### Optic Flood 3000K

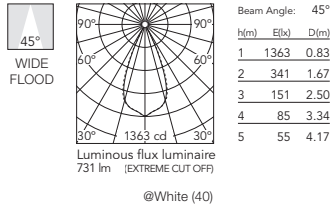
- |   |   |               |
|---|---|---------------|
| E | I | Non Dimmable  |
| ■ | ■ | 03.9335.40A   |
| ■ | ■ | 03.9335.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.9335.40ADA |
| ■ | ■ | 03.9335.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.9335.40ANI |
| ■ | ■ | 03.9335.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.9335.40ACB |
| ■ | ■ | 03.9335.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 03.9336.40A   |
| ■ | ■ | 03.9336.14A   |
|   |   | Dali Version  |
| ■ | ■ | 03.9336.40ADA |
| ■ | ■ | 03.9336.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 03.9336.40ANI |
| ■ | ■ | 03.9336.14ANI |
|   |   | Casambi       |
| ■ | ■ | 03.9336.40ACB |
| ■ | ■ | 03.9336.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1525.40A   |
| ■ | ■ | 05.1525.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1525.40ADA |
| ■ | ■ | 05.1525.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1525.40ANI |
| ■ | ■ | 05.1525.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1525.40ACB |
| ■ | ■ | 05.1525.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1526.40A   |
| ■ | ■ | 05.1526.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1526.40ADA |
| ■ | ■ | 05.1526.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1526.40ANI |
| ■ | ■ | 05.1526.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1526.40ACB |
| ■ | ■ | 05.1526.14ACB |
|   |   | Non Dimmable  |
| ■ | ■ | 05.1527.40A   |
| ■ | ■ | 05.1527.14A   |
|   |   | Dali Version  |
| ■ | ■ | 05.1527.40ADA |
| ■ | ■ | 05.1527.14ADA |
|   |   | Mains Dimming |
| ■ | ■ | 05.1527.40ANI |
| ■ | ■ | 05.1527.14ANI |
|   |   | Casambi       |
| ■ | ■ | 05.1527.40ACB |
| ■ | ■ | 05.1527.14ACB |





# LIGHT SHADOW

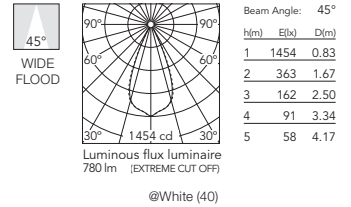
## Optic Wide Flood 2700K

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  -  03.7308.14A
  - Dali Version
  -  03.7308.40ADA
  -  03.7308.14ADA
  - Mains Dimming
  -  03.7308.40ANI
  -  03.7308.14ANI
  - Casambi
  -  03.7308.40ACB
  -  03.7308.14ACB
  - Non Dimmable
  -  03.7309.40A
  -  03.7309.14A
  - Dali Version
  -  03.7309.40ADA
  -  03.7309.14ADA
  - Mains Dimming
  -  03.7309.40ANI
  -  03.7309.14ANI
  - Casambi
  -  03.7309.40ACB
  -  03.7309.14ACB
  - Non Dimmable
  -  05.1530.40A
  -  05.1530.14A
  - Dali Version
  -  05.1530.40ADA
  -  05.1530.14ADA
  - Mains Dimming
  -  05.1530.40ANI
  -  05.1530.14ANI
  - Casambi
  -  05.1530.40ACB
  -  05.1530.14ACB
  - Non Dimmable
  -  05.1531.40A
  -  05.1531.14A
  - Dali Version
  -  05.1531.40ADA
  -  05.1531.14ADA
  - Mains Dimming
  -  05.1531.40ANI
  -  05.1531.14ANI
  - Casambi
  -  05.1531.40ACB
  -  05.1531.14ACB
  - Non Dimmable
  -  05.1532.40A
  -  05.1532.14A
  - Dali Version
  -  05.1532.40ADA
  -  05.1532.14ADA
  - Mains Dimming
  -  05.1532.40ANI
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  - Casambi
  -  05.1532.40ACB
  -  05.1532.14ACB



## Optic Wide Flood 3000K

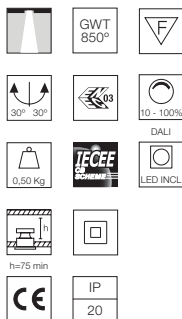
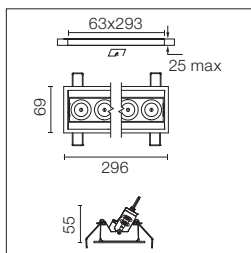
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  -  03.7312.14A
  - Dali Version
  -  03.7312.40ADA
  -  03.7312.14ADA
  - Mains Dimming
  -  03.7312.40ANI
  -  03.7312.14ANI
  - Casambi
  -  03.7312.40ACB
  -  03.7312.14ACB
  - Non Dimmable
  -  03.7313.40A
  -  03.7313.14A
  - Dali Version
  -  03.7313.40ADA
  -  03.7313.14ADA
  - Mains Dimming
  -  03.7313.40ANI
  -  03.7313.14ANI
  - Casambi
  -  03.7313.40ACB
  -  03.7313.14ACB
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  -  05.1535.14A
  - Dali Version
  -  05.1535.40ADA
  -  05.1535.14ADA
  - Mains Dimming
  -  05.1535.40ANI
  -  05.1535.14ANI
  - Casambi
  -  05.1535.40ACB
  -  05.1535.14ACB
  - Non Dimmable
  -  05.1536.40A
  -  05.1536.14A
  - Dali Version
  -  05.1536.40ADA
  -  05.1536.14ADA
  - Mains Dimming
  -  05.1536.40ANI
  -  05.1536.14ANI
  - Casambi
  -  05.1536.40ACB
  -  05.1536.14ACB
  - Non Dimmable
  -  05.1537.40A
  -  05.1537.14A
  - Dali Version
  -  05.1537.40ADA
  -  05.1537.14ADA
  - Mains Dimming
  -  05.1537.40ANI
  -  05.1537.14ANI
  - Casambi
  -  05.1537.40ACB
  -  05.1537.14ACB



# LIGHT SHADOW

## Light Shadow Adjustable Trim 8 Spots

**Light Source:** Power LED DC 900 mA 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 18,6W - 1800 lm - 2700K/CRI 90 / 18,6W - 1900 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 8 spot LED.  
 Alimentazione remota inclusa (220-240V).  
 Non richiede cornice di pre-installazione.

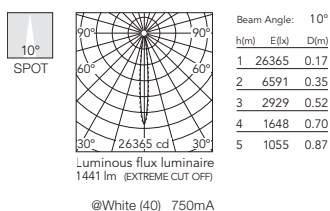
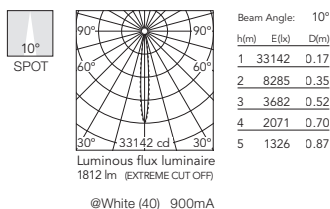
Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included (220-240V).  
 Pre-Installation frame not required.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

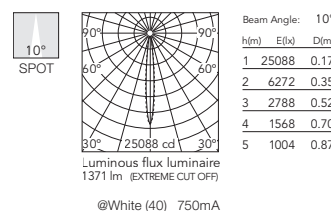
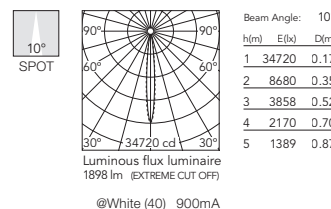
### Optic Spot 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.8900.40A   |
|     | 03.8900.14A   |
|     | Dali Version  |
|     | 03.8900.40ADA |
|     | 03.8900.14ADA |
|     | Mains Dimming |
|     | 03.8900.40ANI |
|     | 03.8900.14ANI |
|     | Casambi       |
|     | 03.8900.40ACB |
|     | 03.8900.14ACB |
|     | Non Dimmable  |
|     | 03.8901.40A   |
|     | 03.8901.14A   |
|     | Dali Version  |
|     | 03.8901.40ADA |
|     | 03.8901.14ADA |
|     | Mains Dimming |
|     | 03.8901.40ANI |
|     | 03.8901.14ANI |
|     | Casambi       |
|     | 03.8901.40ACB |
|     | 03.8901.14ACB |
|     | Non Dimmable  |
|     | 05.1600.40A   |
|     | 05.1600.14A   |
|     | Dali Version  |
|     | 05.1600.40ADA |
|     | 05.1600.14ADA |
|     | Mains Dimming |
|     | 05.1600.40ANI |
|     | 05.1600.14ANI |
|     | Casambi       |
|     | 05.1600.40ACB |
|     | 05.1600.14ACB |
|     | Non Dimmable  |
|     | 05.1601.40A   |
|     | 05.1601.14A   |
|     | Dali Version  |
|     | 05.1601.40ADA |
|     | 05.1601.14ADA |
|     | Mains Dimming |
|     | 05.1601.40ANI |
|     | 05.1601.14ANI |
|     | Casambi       |
|     | 05.1601.40ACB |
|     | 05.1601.14ACB |
|     | Non Dimmable  |
|     | 05.1602.40A   |
|     | 05.1602.14A   |
|     | Dali Version  |
|     | 05.1602.40ADA |
|     | 05.1602.14ADA |
|     | Mains Dimming |
|     | 05.1602.40ANI |
|     | 05.1602.14ANI |
|     | Casambi       |
|     | 05.1602.40ACB |
|     | 05.1602.14ACB |












































### Optic Spot 3000K

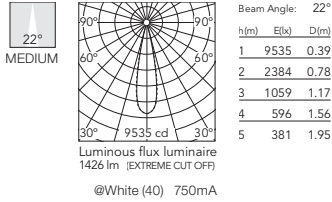
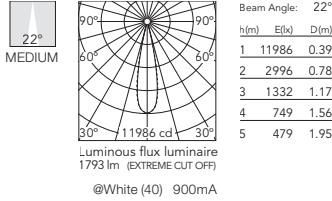
- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.8904.40A   |
|     | 03.8904.14A   |
|     | Dali Version  |
|     | 03.8904.40ADA |
|     | 03.8904.14ADA |
|     | Mains Dimming |
|     | 03.8904.40ANI |
|     | 03.8904.14ANI |
|     | Casambi       |
|     | 03.8904.40ACB |
|     | 03.8904.14ACB |
|     | Non Dimmable  |
|     | 03.8905.40A   |
|     | 03.8905.14A   |
|     | Dali Version  |
|     | 03.8905.40ADA |
|     | 03.8905.14ADA |
|     | Mains Dimming |
|     | 03.8905.40ANI |
|     | 03.8905.14ANI |
|     | Casambi       |
|     | 03.8905.40ACB |
|     | 03.8905.14ACB |
|     | Non Dimmable  |
|     | 05.1605.40A   |
|     | 05.1605.14A   |
|     | Dali Version  |
|     | 05.1605.40ADA |
|     | 05.1605.14ADA |
|     | Mains Dimming |
|     | 05.1605.40ANI |
|     | 05.1605.14ANI |
|     | Casambi       |
|     | 05.1605.40ACB |
|     | 05.1605.14ACB |
|     | Non Dimmable  |
|     | 05.1606.40A   |
|     | 05.1606.14A   |
|     | Dali Version  |
|     | 05.1606.40ADA |
|     | 05.1606.14ADA |
|     | Mains Dimming |
|     | 05.1606.40ANI |
|     | 05.1606.14ANI |
|     | Casambi       |
|     | 05.1606.40ACB |
|     | 05.1606.14ACB |
|     | Non Dimmable  |
|     | 05.1607.40A   |
|     | 05.1607.14A   |
|     | Dali Version  |
|     | 05.1607.40ADA |
|     | 05.1607.14ADA |
|     | Mains Dimming |
|     | 05.1607.40ANI |
|     | 05.1607.14ANI |
|     | Casambi       |
|     | 05.1607.40ACB |
|     | 05.1607.14ACB |












































# LIGHT SHADOW

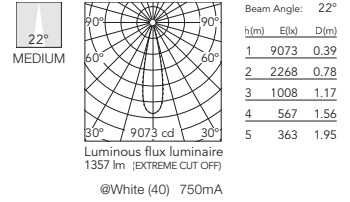
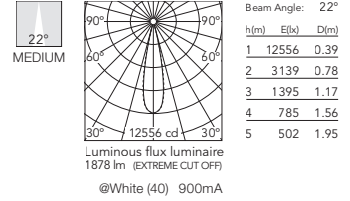
## Optic Medium 2700K

- |  |               |
|--|---------------|
|    | Non Dimmable  |
|    | 03.9340.40A   |
|    | 03.9340.14A   |
|  | Dali Version  |
|    | 03.9340.40ADA |
|    | 03.9340.14ADA |
|  | Mains Dimming |
|    | 03.9340.40ANI |
|    | 03.9340.14ANI |
|  | Casambi       |
|    | 03.9340.40ACB |
|    | 03.9340.14ACB |
|  | Non Dimmable  |
|    | 03.9341.40A   |
|    | 03.9341.14A   |
|  | Dali Version  |
|    | 03.9341.40ADA |
|    | 03.9341.14ADA |
|  | Mains Dimming |
|    | 03.9341.40ANI |
|    | 03.9341.14ANI |
|  | Casambi       |
|    | 03.9341.40ACB |
|    | 03.9341.14ACB |
|  | Non Dimmable  |
|    | 05.1610.40A   |
|    | 05.1610.14A   |
|  | Dali Version  |
|    | 05.1610.40ADA |
|    | 05.1610.14ADA |
|  | Mains Dimming |
|    | 05.1610.40ANI |
|    | 05.1610.14ANI |
|  | Casambi       |
|    | 05.1610.40ACB |
|   | 05.1610.14ACB |
|  | Non Dimmable  |
|  | 05.1611.40A   |
|  | 05.1611.14A   |
|  | Dali Version  |
|  | 05.1611.40ADA |
|  | 05.1611.14ADA |
|  | Mains Dimming |
|  | 05.1611.40ANI |
|  | 05.1611.14ANI |
|  | Casambi       |
|  | 05.1611.40ACB |
|  | 05.1611.14ACB |
|  | Non Dimmable  |
|  | 05.1612.40A   |
|  | 05.1612.14A   |
|  | Dali Version  |
|  | 05.1612.40ADA |
|  | 05.1612.14ADA |
|  | Mains Dimming |
|  | 05.1612.40ANI |
|  | 05.1612.14ANI |
|  | Casambi       |
|  | 05.1612.40ACB |
|  | 05.1612.14ACB |



## Optic Medium 3000K

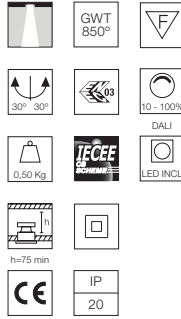
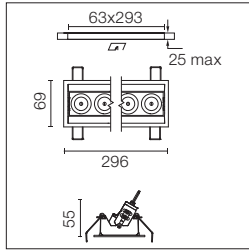
- |   |               |
|---|---------------|
|    | Non Dimmable  |
|    | 03.9350.40A   |
|    | 03.9350.14A   |
|   | Dali Version  |
|    | 03.9350.40ADA |
|    | 03.9350.14ADA |
|   | Mains Dimming |
|    | 03.9350.40ANI |
|    | 03.9350.14ANI |
|   | Casambi       |
|    | 03.9350.40ACB |
|    | 03.9350.14ACB |
|   | Non Dimmable  |
|    | 03.9351.40A   |
|    | 03.9351.14A   |
|   | Dali Version  |
|    | 03.9351.40ADA |
|    | 03.9351.14ADA |
|   | Mains Dimming |
|    | 03.9351.40ANI |
|    | 03.9351.14ANI |
|   | Casambi       |
|    | 03.9351.40ACB |
|    | 03.9351.14ACB |
|   | Non Dimmable  |
|    | 05.1615.40A   |
|    | 05.1615.14A   |
|   | Dali Version  |
|    | 05.1615.40ADA |
|    | 05.1615.14ADA |
|   | Mains Dimming |
|    | 05.1615.40ANI |
|    | 05.1615.14ANI |
|   | Casambi       |
|    | 05.1615.40ACB |
|   | 05.1615.14ACB |
|   | Non Dimmable  |
|  | 05.1616.40A   |
|  | 05.1616.14A   |
|   | Dali Version  |
|  | 05.1616.40ADA |
|  | 05.1616.14ADA |
|   | Mains Dimming |
|  | 05.1616.40ANI |
|  | 05.1616.14ANI |
|   | Casambi       |
|  | 05.1616.40ACB |
|  | 05.1616.14ACB |
|   | Non Dimmable  |
|  | 05.1617.40A   |
|  | 05.1617.14A   |
|   | Dali Version  |
|  | 05.1617.40ADA |
|  | 05.1617.14ADA |
|   | Mains Dimming |
|  | 05.1617.40ANI |
|  | 05.1617.14ANI |
|   | Casambi       |
|  | 05.1617.40ACB |
|  | 05.1617.14ACB |



# LIGHT SHADOW

## Light Shadow Adjustable Trim 8 Spots

**Light Source:** Power LED DC 900 mA 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 18,6W - 1800 lm - 2700K/CRI 90 / 18,6W - 1900 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 8 spot LED.  
 Alimentazione remota inclusa (220-240V).  
 Non richiede cornice di pre-installazione.

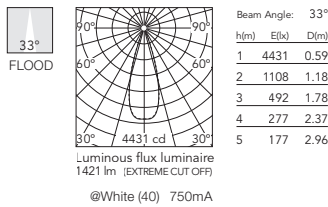
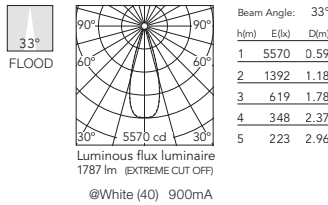
Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included (220-240V).  
 Pre-Installation frame not required.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

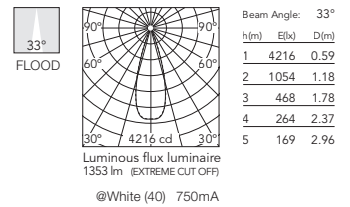
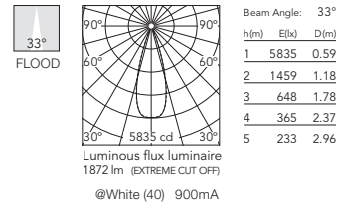
### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9345.40A   |
|     | 03.9345.14A   |
|     | Dali Version  |
|     | 03.9345.40ADA |
|     | 03.9345.14ADA |
|     | Mains Dimming |
|     | 03.9345.40ANI |
|     | 03.9345.14ANI |
|     | Casambi       |
|     | 03.9345.40ACB |
|     | 03.9345.14ACB |
|     | Non Dimmable  |
|     | 03.9346.40A   |
|     | 03.9346.14A   |
|     | Dali Version  |
|     | 03.9346.40ADA |
|     | 03.9346.14ADA |
|     | Mains Dimming |
|     | 03.9346.40ANI |
|     | 03.9346.14ANI |
|     | Casambi       |
|     | 03.9346.40ACB |
|     | 03.9346.14ACB |
|     | Non Dimmable  |
|     | 05.1620.40A   |
|     | 05.1620.14A   |
|     | Dali Version  |
|     | 05.1620.40ADA |
|     | 05.1620.14ADA |
|     | Mains Dimming |
|     | 05.1620.40ANI |
|     | 05.1620.14ANI |
|     | Casambi       |
|     | 05.1620.40ACB |
|     | 05.1620.14ACB |
|     | Non Dimmable  |
|     | 05.1621.40A   |
|     | 05.1621.14A   |
|     | Dali Version  |
|     | 05.1621.40ADA |
|     | 05.1621.14ADA |
|     | Mains Dimming |
|     | 05.1621.40ANI |
|     | 05.1621.14ANI |
|     | Casambi       |
|     | 05.1621.40ACB |
|     | 05.1621.14ACB |
|     | Non Dimmable  |
|     | 05.1622.40A   |
|     | 05.1622.14A   |
|     | Dali Version  |
|     | 05.1622.40ADA |
|     | 05.1622.14ADA |
|     | Mains Dimming |
|     | 05.1622.40ANI |
|     | 05.1622.14ANI |
|     | Casambi       |
|     | 05.1622.40ACB |
|     | 05.1622.14ACB |



### Optic Flood 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9355.40A   |
|     | 03.9355.14A   |
|     | Dali Version  |
|     | 03.9355.40ADA |
|     | 03.9355.14ADA |
|     | Mains Dimming |
|     | 03.9355.40ANI |
|     | 03.9355.14ANI |
|     | Casambi       |
|     | 03.9355.40ACB |
|     | 03.9355.14ACB |
|     | Non Dimmable  |
|     | 03.9356.40A   |
|     | 03.9356.14A   |
|     | Dali Version  |
|     | 03.9356.40ADA |
|     | 03.9356.14ADA |
|     | Mains Dimming |
|     | 03.9356.40ANI |
|     | 03.9356.14ANI |
|     | Casambi       |
|     | 03.9356.40ACB |
|     | 03.9356.14ACB |
|     | Non Dimmable  |
|     | 05.1625.40A   |
|     | 05.1625.14A   |
|     | Dali Version  |
|     | 05.1625.40ADA |
|     | 05.1625.14ADA |
|     | Mains Dimming |
|     | 05.1625.40ANI |
|     | 05.1625.14ANI |
|     | Casambi       |
|     | 05.1625.40ACB |
|     | 05.1625.14ACB |
|     | Non Dimmable  |
|     | 05.1626.40A   |
|     | 05.1626.14A   |
|     | Dali Version  |
|     | 05.1626.40ADA |
|     | 05.1626.14ADA |
|     | Mains Dimming |
|     | 05.1626.40ANI |
|     | 05.1626.14ANI |
|     | Casambi       |
|     | 05.1626.40ACB |
|     | 05.1626.14ACB |
|     | Non Dimmable  |
|     | 05.1627.40A   |
|     | 05.1627.14A   |
|     | Dali Version  |
|     | 05.1627.40ADA |
|     | 05.1627.14ADA |
|     | Mains Dimming |
|     | 05.1627.40ANI |
|     | 05.1627.14ANI |
|     | Casambi       |
|     | 05.1627.40ACB |
|     | 05.1627.14ACB |





# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.7316.40A

03.7316.14A

Dali Version

03.7316.40ADA

03.7316.14ADA

Mains Dimming

03.7316.40ANI

03.7316.14ANI

Casambi

03.7316.40ACB

03.7316.14ACB

Non Dimmable

03.7317.40A

03.7317.14A

Dali Version

03.7317.40ADA

03.7317.14ADA

Mains Dimming

03.7317.40ANI

03.7317.14ANI

Casambi

03.7317.40ACB

03.7317.14ACB

Non Dimmable

05.1630.40A

05.1630.14A

Dali Version

05.1630.40ADA

05.1630.14ADA

Mains Dimming

05.1630.40ANI

05.1630.14ANI

Casambi

05.1630.40ACB

05.1630.14ACB

Non Dimmable

05.1631.40A

05.1631.14A

Dali Version

05.1631.40ADA

05.1631.14ADA

Mains Dimming

05.1631.40ANI

05.1631.14ANI

Casambi

05.1631.40ACB

05.1631.14ACB

Non Dimmable

05.1632.40A

05.1632.14A

Dali Version

05.1632.40ADA

05.1632.14ADA

Mains Dimming

05.1632.40ANI

05.1632.14ANI

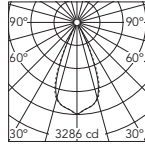
Casambi

05.1632.40ACB

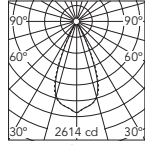
05.1632.14ACB



WIDE  
FLOOD



WIDE  
FLOOD



## Optic Wide Flood 3000K

E I Non Dimmable

03.7320.40A

03.7320.14A

Dali Version

03.7320.40ADA

03.7320.14ADA

Mains Dimming

03.7320.40ANI

03.7320.14ANI

Casambi

03.7320.40ACB

03.7320.14ACB

Non Dimmable

03.7321.40A

03.7321.14A

Dali Version

03.7321.40ADA

03.7321.14ADA

Mains Dimming

03.7321.40ANI

03.7321.14ANI

Casambi

03.7321.40ACB

03.7321.14ACB

Non Dimmable

05.1635.40A

05.1635.14A

Dali Version

05.1635.40ADA

05.1635.14ADA

Mains Dimming

05.1635.40ANI

05.1635.14ANI

Casambi

05.1635.40ACB

05.1635.14ACB

Non Dimmable

05.1636.40A

05.1636.14A

Dali Version

05.1636.40ADA

05.1636.14ADA

Mains Dimming

05.1636.40ANI

05.1636.14ANI

Casambi

05.1636.40ACB

05.1636.14ACB

Non Dimmable

05.1637.40A

05.1637.14A

Dali Version

05.1637.40ADA

05.1637.14ADA

Mains Dimming

05.1637.40ANI

05.1637.14ANI

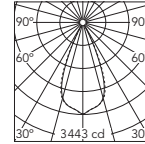
Casambi

05.1637.40ACB

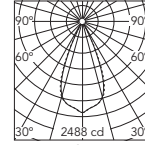
05.1637.14ACB



WIDE  
FLOOD



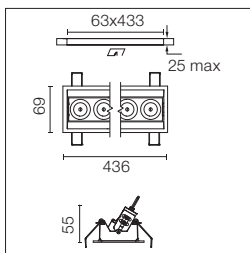
WIDE  
FLOOD



# LIGHT SHADOW

## Light Shadow Adjustable Trim 12 Spots

**Light Source:** Power LED DC 900 mA 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 28W - 2710 lm - 2700K/CRI 90 / 28W - 2860 lm - 3000K/CRI 90



GWT 850°  
 DALI  
 LED INCL  
 IP 20  
 CE  
 0,66 Kg  
 TECEE  
 h=75 min

Apparecchio per illuminazione da incasso con 12 spot LED.  
 Alimentazione remota inclusa (220-240V).  
 Non richiede cornice di pre-installazione.

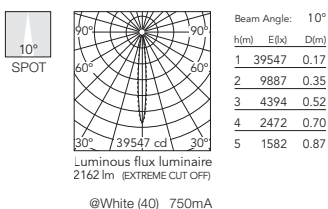
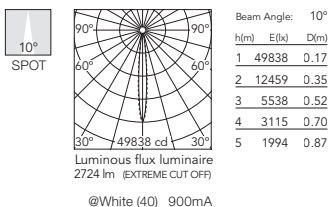
Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

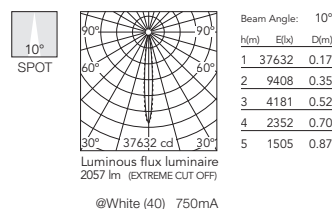
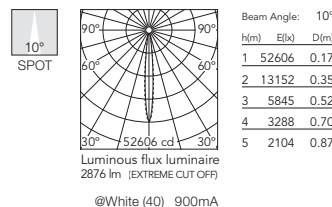
### Optic Spot 2700K

- |     |                     |
|-----|---------------------|
| E I | Non Dimmable        |
|     | 03.8908.40A         |
|     | 03.8908.14A         |
|     | Dali & Push Version |
|     | 03.8908.40BDA       |
|     | 03.8908.14BDA       |
|     | Mains Dimming       |
|     | 03.8908.40ANI       |
|     | 03.8908.14ANI       |
|     | Casambi             |
|     | 03.8908.40ACB       |
|     | 03.8908.14ACB       |
|     | Non Dimmable        |
|     | 03.8909.40A         |
|     | 03.8909.14A         |
|     | Dali & Push Version |
|     | 03.8909.40BDA       |
|     | 03.8909.14BDA       |
|     | Mains Dimming       |
|     | 03.8909.40ANI       |
|     | 03.8909.14ANI       |
|     | Casambi             |
|     | 03.8909.40ACB       |
|     | 03.8909.14ACB       |
|     | Non Dimmable        |
|     | 05.1700.40A         |
|     | 05.1700.14A         |
|     | Dali & Push Version |
|     | 05.1700.40BDA       |
|     | 05.1700.14BDA       |
|     | Mains Dimming       |
|     | 05.1700.40ANI       |
|     | 05.1700.14ANI       |
|     | Casambi             |
|     | 05.1700.40ACB       |
|     | 05.1700.14ACB       |
|     | Non Dimmable        |
|     | 05.1701.40A         |
|     | 05.1701.14A         |
|     | Dali & Push Version |
|     | 05.1701.40BDA       |
|     | 05.1701.14BDA       |
|     | Mains Dimming       |
|     | 05.1701.40ANI       |
|     | 05.1701.14ANI       |
|     | Casambi             |
|     | 05.1701.40ACB       |
|     | 05.1701.14ACB       |
|     | Non Dimmable        |
|     | 05.1702.40A         |
|     | 05.1702.14A         |
|     | Dali & Push Version |
|     | 05.1702.40BDA       |
|     | 05.1702.14BDA       |
|     | Mains Dimming       |
|     | 05.1702.40ANI       |
|     | 05.1702.14ANI       |
|     | Casambi             |
|     | 05.1702.40ACB       |
|     | 05.1702.14ACB       |











































### Optic Spot 3000K

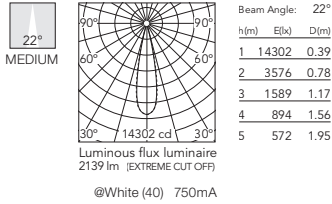
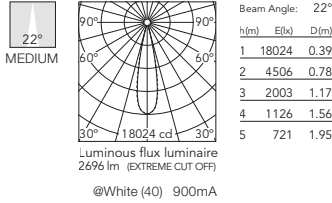
- |     |                     |
|-----|---------------------|
| E I | Non Dimmable        |
|     | 03.8912.40A         |
|     | 03.8912.14A         |
|     | Dali & Push Version |
|     | 03.8912.40BDA       |
|     | 03.8912.14BDA       |
|     | Mains Dimming       |
|     | 03.8912.40ANI       |
|     | 03.8912.14ANI       |
|     | Casambi             |
|     | 03.8912.40ACB       |
|     | 03.8912.14ACB       |
|     | Non Dimmable        |
|     | 03.8913.40A         |
|     | 03.8913.14A         |
|     | Dali & Push Version |
|     | 03.8913.40BDA       |
|     | 03.8913.14BDA       |
|     | Mains Dimming       |
|     | 03.8913.40ANI       |
|     | 03.8913.14ANI       |
|     | Casambi             |
|     | 03.8913.40ACB       |
|     | 03.8913.14ACB       |
|     | Non Dimmable        |
|     | 05.1705.40A         |
|     | 05.1705.14A         |
|     | Dali & Push Version |
|     | 05.1705.40BDA       |
|     | 05.1705.14BDA       |
|     | Mains Dimming       |
|     | 05.1705.40ANI       |
|     | 05.1705.14ANI       |
|     | Casambi             |
|     | 05.1705.40ACB       |
|     | 05.1705.14ACB       |
|     | Non Dimmable        |
|     | 05.1706.40A         |
|     | 05.1706.14A         |
|     | Dali & Push Version |
|     | 05.1706.40BDA       |
|     | 05.1706.14BDA       |
|     | Mains Dimming       |
|     | 05.1706.40ANI       |
|     | 05.1706.14ANI       |
|     | Casambi             |
|     | 05.1706.40ACB       |
|     | 05.1706.14ACB       |
|     | Non Dimmable        |
|     | 05.1707.40A         |
|     | 05.1707.14A         |
|     | Dali & Push Version |
|     | 05.1707.40BDA       |
|     | 05.1707.14BDA       |
|     | Mains Dimming       |
|     | 05.1707.40ANI       |
|     | 05.1707.14ANI       |
|     | Casambi             |
|     | 05.1707.40ACB       |
|     | 05.1707.14ACB       |











































# LIGHT SHADOW

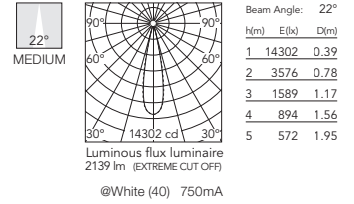
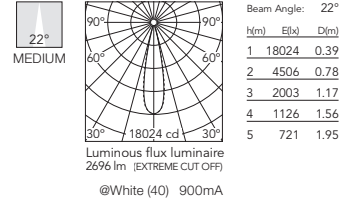
## Optic Medium 2700K

- E I Non Dimmable
-  03.9360.40A
  -  03.9360.14A
  - Dali & Push Version
  -  03.9360.40BDA
  -  03.9360.14BDA
  - Mains Dimming
  -  03.9360.40ANI
  -  03.9360.14ANI
  - Casambi
  -  03.9360.40ACB
  -  03.9360.14ACB
  - Non Dimmable
  -  03.9361.40A
  -  03.9361.14A
  - Dali & Push Version
  -  03.9361.40BDA
  -  03.9361.14BDA
  - Mains Dimming
  -  03.9361.40ANI
  -  03.9361.14ANI
  - Casambi
  -  03.9361.40ACB
  -  03.9361.14ACB
  - Non Dimmable
  -  05.1710.40A
  -  05.1710.14A
  - Dali & Push Version
  -  05.1710.40BDA
  -  05.1710.14BDA
  - Mains Dimming
  -  05.1710.40ANI
  -  05.1710.14ANI
  - Casambi
  -  05.1710.40ACB
  -  05.1710.14ACB
  - Non Dimmable
  -  05.1711.40A
  -  05.1711.14A
  - Dali & Push Version
  -  05.1711.40BDA
  -  05.1711.14BDA
  - Mains Dimming
  -  05.1711.40ANI
  -  05.1711.14ANI
  - Casambi
  -  05.1711.40ACB
  -  05.1711.14ACB
  - Non Dimmable
  -  05.1712.40A
  -  05.1712.14A
  - Dali & Push Version
  -  05.1712.40BDA
  -  05.1712.14BDA
  - Mains Dimming
  -  05.1712.40ANI
  -  05.1712.14ANI
  - Casambi
  -  05.1712.40ACB
  -  05.1712.14ACB



## Optic Medium 3000K

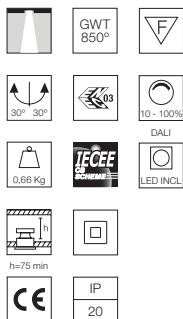
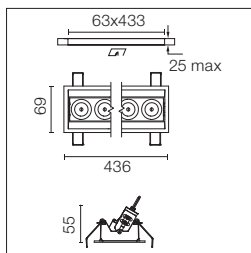
- E I Non Dimmable
-  03.9370.40A
  -  03.9370.14A
  - Dali & Push Version
  -  03.9370.40BDA
  -  03.9370.14BDA
  - Mains Dimming
  -  03.9370.40ANI
  -  03.9370.14ANI
  - Casambi
  -  03.9370.40ACB
  -  03.9370.14ACB
  - Non Dimmable
  -  03.9371.40A
  -  03.9371.14A
  - Dali & Push Version
  -  03.9371.40BDA
  -  03.9371.14BDA
  - Mains Dimming
  -  03.9371.40ANI
  -  03.9371.14ANI
  - Casambi
  -  03.9371.40ACB
  -  03.9371.14ACB
  - Non Dimmable
  -  05.1715.40A
  -  05.1715.14A
  - Dali & Push Version
  -  05.1715.40BDA
  -  05.1715.14BDA
  - Mains Dimming
  -  05.1715.40ANI
  -  05.1715.14ANI
  - Casambi
  -  05.1715.40ACB
  -  05.1715.14ACB
  - Non Dimmable
  -  05.1716.40A
  -  05.1716.14A
  - Dali & Push Version
  -  05.1716.40BDA
  -  05.1716.14BDA
  - Mains Dimming
  -  05.1716.40ANI
  -  05.1716.14ANI
  - Casambi
  -  05.1716.40ACB
  -  05.1716.14ACB
  - Non Dimmable
  -  05.1717.40A
  -  05.1717.14A
  - Dali & Push Version
  -  05.1717.40BDA
  -  05.1717.14BDA
  - Mains Dimming
  -  05.1717.40ANI
  -  05.1717.14ANI
  - Casambi
  -  05.1717.40ACB
  -  05.1717.14ACB



# LIGHT SHADOW

## Light Shadow Adjustable Trim 12 Spots

**Light Source:** Power LED DC 900 mA 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 28W - 2710 lm - 2700K/CRI 90 / 28W - 2860 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 12 spot LED. Alimentazione remota inclusa (220-240V). Non richiede cornice di pre-installazione.

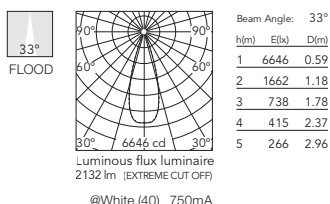
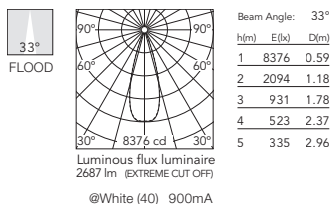
Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included (220-240V). Pre-installation frame not required.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

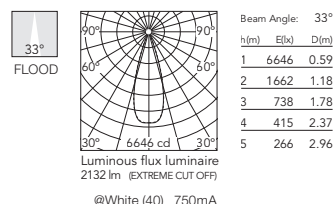
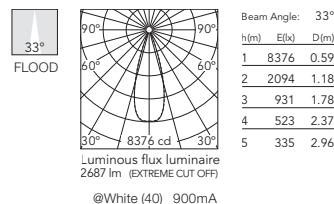
### Optic Flood 2700K

- |     |                     |               |
|-----|---------------------|---------------|
| E I | Non Dimmable        | 03.9365.40A   |
|     | Dali & Push Version | 03.9365.14A   |
|     | Mains Dimming       | 03.9365.40BDA |
|     | Casambi             | 03.9365.14BDA |
|     | Non Dimmable        | 03.9365.40ANI |
|     | Casambi             | 03.9365.14ANI |
|     | Non Dimmable        | 03.9366.40A   |
|     | Dali & Push Version | 03.9366.14A   |
|     | Mains Dimming       | 03.9366.40BDA |
|     | Casambi             | 03.9366.14BDA |
|     | Non Dimmable        | 03.9366.40ACB |
|     | Casambi             | 03.9366.14ACB |
|     | Non Dimmable        | 05.1720.40A   |
|     | Dali & Push Version | 05.1720.14A   |
|     | Mains Dimming       | 05.1720.40BDA |
|     | Casambi             | 05.1720.14BDA |
|     | Non Dimmable        | 05.1721.40A   |
|     | Dali & Push Version | 05.1721.14A   |
|     | Mains Dimming       | 05.1721.40BDA |
|     | Casambi             | 05.1721.14BDA |
|     | Non Dimmable        | 05.1722.40A   |
|     | Dali & Push Version | 05.1722.14A   |
|     | Mains Dimming       | 05.1722.40BDA |
|     | Casambi             | 05.1722.14BDA |
|     | Non Dimmable        | 05.1722.40ACB |
|     | Casambi             | 05.1722.14ACB |



### Optic Flood 3000K

- |     |                     |               |
|-----|---------------------|---------------|
| E I | Non Dimmable        | 03.9375.40A   |
|     | Dali & Push Version | 03.9375.14A   |
|     | Mains Dimming       | 03.9375.40BDA |
|     | Casambi             | 03.9375.14BDA |
|     | Non Dimmable        | 03.9375.40ANI |
|     | Casambi             | 03.9375.14ANI |
|     | Non Dimmable        | 03.9376.40A   |
|     | Dali & Push Version | 03.9376.14A   |
|     | Mains Dimming       | 03.9376.40BDA |
|     | Casambi             | 03.9376.14BDA |
|     | Non Dimmable        | 03.9376.40ACB |
|     | Casambi             | 03.9376.14ACB |
|     | Non Dimmable        | 05.1725.40A   |
|     | Dali & Push Version | 05.1725.14A   |
|     | Mains Dimming       | 05.1725.40BDA |
|     | Casambi             | 05.1725.14BDA |
|     | Non Dimmable        | 05.1726.40A   |
|     | Dali & Push Version | 05.1726.14A   |
|     | Mains Dimming       | 05.1726.40BDA |
|     | Casambi             | 05.1726.14BDA |
|     | Non Dimmable        | 05.1727.40A   |
|     | Dali & Push Version | 05.1727.14A   |
|     | Mains Dimming       | 05.1727.40BDA |
|     | Casambi             | 05.1727.14BDA |
|     | Non Dimmable        | 05.1727.40ACB |
|     | Casambi             | 05.1727.14ACB |



# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.7324.40A

03.7324.14A

Dali & Push Version

03.7324.40BDA

03.7324.14BDA

Mains Dimming

03.7324.40ANI

03.7324.14ANI

Casambi

03.7324.40ACB

03.7324.14ACB

Non Dimmable

03.7325.40A

03.7325.14A

Dali & Push Version

03.7325.40BDA

03.7325.14BDA

Mains Dimming

03.7325.40ANI

03.7325.14ANI

Casambi

03.7325.40ACB

03.7325.14ACB

Non Dimmable

05.1730.40A

05.1730.14A

Dali & Push Version

05.1730.40BDA

05.1730.14BDA

Mains Dimming

05.1730.40ANI

05.1730.14ANI

Casambi

05.1730.40ACB

05.1730.14ACB

Non Dimmable

05.1731.40A

05.1731.14A

Dali & Push Version

05.1731.40BDA

05.1731.14BDA

Mains Dimming

05.1731.40ANI

05.1731.14ANI

Casambi

05.1731.40ACB

05.1731.14ACB

Non Dimmable

05.1732.40A

05.1732.14A

Dali & Push Version

05.1732.40BDA

05.1732.14BDA

Mains Dimming

05.1732.40ANI

05.1732.14ANI

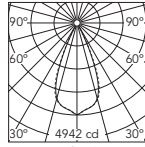
Casambi

05.1732.40ACB

05.1732.14ACB



WIDE FLOOD



Beam Angle: 45°

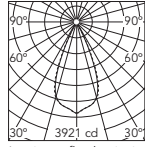
h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire 2652 lm (EXTREME CUT OFF)

@White (40) 900mA



WIDE FLOOD



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	3921	0.83
2	980	1.67
3	436	2.50
4	245	3.34
5	157	4.17

Luminous flux luminaire 2104 lm (EXTREME CUT OFF)

@White (40) 750mA

## Optic Wide Flood 3000K

E I Non Dimmable

03.7328.40A

03.7328.14A

Dali & Push Version

03.7328.40BDA

03.7328.14BDA

Mains Dimming

03.7328.40ANI

03.7328.14ANI

Casambi

03.7328.40ACB

03.7328.14ACB

Non Dimmable

03.7329.40A

03.7329.14A

Dali & Push Version

03.7329.40BDA

03.7329.14BDA

Mains Dimming

03.7329.40ANI

03.7329.14ANI

Casambi

03.7329.40ACB

03.7329.14ACB

Non Dimmable

05.1735.40A

05.1735.14A

Dali & Push Version

05.1735.40BDA

05.1735.14BDA

Mains Dimming

05.1735.40ANI

05.1735.14ANI

Casambi

05.1735.40ACB

05.1735.14ACB

Non Dimmable

05.1736.40A

05.1736.14A

Dali & Push Version

05.1736.40BDA

05.1736.14BDA

Mains Dimming

05.1736.40ANI

05.1736.14ANI

Casambi

05.1736.40ACB

05.1736.14ACB

Non Dimmable

05.1737.40A

05.1737.14A

Dali & Push Version

05.1737.40BDA

05.1737.14BDA

Mains Dimming

05.1737.40ANI

05.1737.14ANI

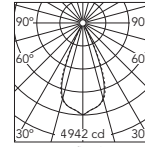
Casambi

05.1737.40ACB

05.1737.14ACB



WIDE FLOOD



Beam Angle: 45°

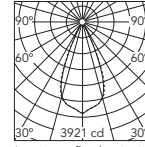
h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire 2652 lm (EXTREME CUT OFF)

@White (40) 900mA



WIDE FLOOD



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	3921	0.83
2	980	1.67
3	436	2.50
4	245	3.34
5	157	4.17

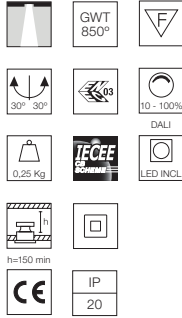
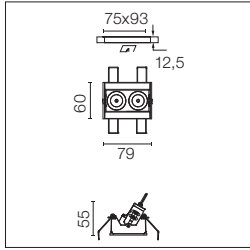
Luminous flux luminaire 2104 lm (EXTREME CUT OFF)

@White (40) 750mA

# LIGHT SHADOW

## Light Shadow Adjustable No Trim 2 Spots

**Light Source:** Power LED DC 900 mA 7W - 540 lm - 2700K/CRI 90 / 7W - 570 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 2 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

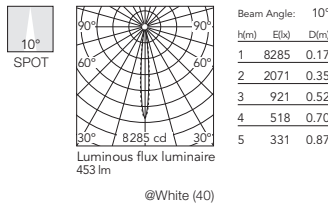
Recessed integrated luminaire with 2 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

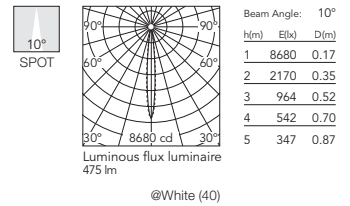
### Optic Spot 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
| ■ □ | 03.8916.40A   |
| ■ □ | 03.8916.14A   |
| ■ □ | Dali Version  |
| ■ □ | 03.8916.40ADA |
| ■ □ | 03.8916.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 03.8916.40ANI |
| ■ □ | 03.8916.14ANI |
| ■ □ | Casambi       |
| ■ □ | 03.8916.40ACB |
| ■ □ | 03.8916.14ACB |
| ■ □ | Non Dimmable  |
| ■ □ | 03.8917.40A   |
| ■ □ | 03.8917.14A   |
| ■ □ | Dali Version  |
| ■ □ | 03.8917.40ADA |
| ■ □ | 03.8917.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 03.8917.40ANI |
| ■ □ | 03.8917.14ANI |
| ■ □ | Casambi       |
| ■ □ | 03.8917.40ACB |
| ■ □ | 03.8917.14ACB |
| ■ □ | Non Dimmable  |
| ■ □ | 05.1440.40A   |
| ■ □ | 05.1440.14A   |
| ■ □ | Dali Version  |
| ■ □ | 05.1440.40ADA |
| ■ □ | 05.1440.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 05.1440.40ANI |
| ■ □ | 05.1440.14ANI |
| ■ □ | Casambi       |
| ■ □ | 05.1440.40ACB |
| ■ □ | 05.1440.14ACB |
| ■ □ | Non Dimmable  |
| ■ □ | 05.1441.40A   |
| ■ □ | 05.1441.14A   |
| ■ □ | Dali Version  |
| ■ □ | 05.1441.40ADA |
| ■ □ | 05.1441.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 05.1441.40ANI |
| ■ □ | 05.1441.14ANI |
| ■ □ | Casambi       |
| ■ □ | 05.1441.40ACB |
| ■ □ | 05.1441.14ACB |
| ■ □ | Non Dimmable  |
| ■ □ | 05.1442.40A   |
| ■ □ | 05.1442.14A   |
| ■ □ | Dali Version  |
| ■ □ | 05.1442.40ADA |
| ■ □ | 05.1442.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 05.1442.40ANI |
| ■ □ | 05.1442.14ANI |
| ■ □ | Casambi       |
| ■ □ | 05.1442.40ACB |
| ■ □ | 05.1442.14ACB |



### Optic Spot 3000K

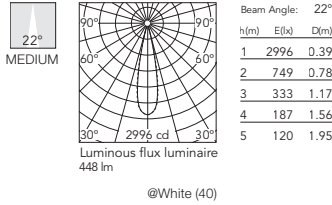
- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
| ■ □ | 03.8920.40A   |
| ■ □ | 03.8920.14A   |
| ■ □ | Dali Version  |
| ■ □ | 03.8920.40ADA |
| ■ □ | 03.8920.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 03.8920.40ANI |
| ■ □ | 03.8920.14ANI |
| ■ □ | Casambi       |
| ■ □ | 03.8920.40ACB |
| ■ □ | 03.8920.14ACB |
| ■ □ | Non Dimmable  |
| ■ □ | 03.8921.40A   |
| ■ □ | 03.8921.14A   |
| ■ □ | Dali Version  |
| ■ □ | 03.8921.40ADA |
| ■ □ | 03.8921.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 03.8921.40ANI |
| ■ □ | 03.8921.14ANI |
| ■ □ | Casambi       |
| ■ □ | 03.8921.40ACB |
| ■ □ | 03.8921.14ACB |
| ■ □ | Non Dimmable  |
| ■ □ | 05.1445.40A   |
| ■ □ | 05.1445.14A   |
| ■ □ | Dali Version  |
| ■ □ | 05.1445.40ADA |
| ■ □ | 05.1445.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 05.1445.40ANI |
| ■ □ | 05.1445.14ANI |
| ■ □ | Casambi       |
| ■ □ | 05.1445.40ACB |
| ■ □ | 05.1445.14ACB |
| ■ □ | Non Dimmable  |
| ■ □ | 05.1446.40A   |
| ■ □ | 05.1446.14A   |
| ■ □ | Dali Version  |
| ■ □ | 05.1446.40ADA |
| ■ □ | 05.1446.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 05.1446.40ANI |
| ■ □ | 05.1446.14ANI |
| ■ □ | Casambi       |
| ■ □ | 05.1446.40ACB |
| ■ □ | 05.1446.14ACB |
| ■ □ | Non Dimmable  |
| ■ □ | 05.1447.40A   |
| ■ □ | 05.1447.14A   |
| ■ □ | Dali Version  |
| ■ □ | 05.1447.40ADA |
| ■ □ | 05.1447.14ADA |
| ■ □ | Mains Dimming |
| ■ □ | 05.1447.40ANI |
| ■ □ | 05.1447.14ANI |
| ■ □ | Casambi       |
| ■ □ | 05.1447.40ACB |
| ■ □ | 05.1447.14ACB |



# LIGHT SHADOW

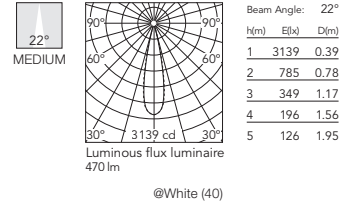
## Optic Medium 2700K

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		03.9400.14A
		Dali Version
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		03.9400.14ADA
		Mains Dimming
		03.9400.40ANI
		03.9400.14ANI
		Casambi
		03.9400.40ACB
		03.9400.14ACB
		Non Dimmable
		03.9401.40A
		03.9401.14A
		Dali Version
		03.9401.40ADA
		03.9401.14ADA
		Mains Dimming
		03.9401.40ANI
		03.9401.14ANI
		Casambi
		03.9401.40ACB
		03.9401.14ACB
		Non Dimmable
		05.1450.40A
		05.1450.14A
		Dali Version
		05.1450.40ADA
		05.1450.14ADA
		Mains Dimming
		05.1450.40ANI
		05.1450.14ANI
		Casambi
		05.1450.40ACB
		05.1450.14ACB
		Non Dimmable
		05.1451.40A
		05.1451.14A
		Dali Version
		05.1451.40ADA
		05.1451.14ADA
		Mains Dimming
		05.1451.40ANI
		05.1451.14ANI
		Casambi
		05.1451.40ACB
		05.1451.14ACB
		Non Dimmable
		05.1452.40A
		05.1452.14A
		Dali Version
		05.1452.40ADA
		05.1452.14ADA
		Mains Dimming
		05.1452.40ANI
		05.1452.14ANI
		Casambi
		05.1452.40ACB
		05.1452.14ACB



## Optic Medium 3000K

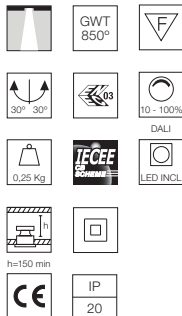
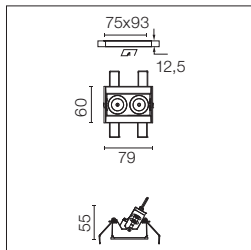
E	I	Non Dimmable
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		Dali Version
		03.9410.40ADA
		03.9410.14ADA
		Mains Dimming
		03.9410.40ANI
		03.9410.14ANI
		Casambi
		03.9410.40ACB
		03.9410.14ACB
		Non Dimmable
		03.9411.40A
		03.9411.14A
		Dali Version
		03.9411.40ADA
		03.9411.14ADA
		Mains Dimming
		03.9411.40ANI
		03.9411.14ANI
		Casambi
		03.9411.40ACB
		03.9411.14ACB
		Non Dimmable
		05.1455.40A
		05.1455.14A
		Dali Version
		05.1455.40ADA
		05.1455.14ADA
		Mains Dimming
		05.1455.40ANI
		05.1455.14ANI
		Casambi
		05.1455.40ACB
		05.1455.14ACB
		Non Dimmable
		05.1456.40A
		05.1456.14A
		Dali Version
		05.1456.40ADA
		05.1456.14ADA
		Mains Dimming
		05.1456.40ANI
		05.1456.14ANI
		Casambi
		05.1456.40ACB
		05.1456.14ACB
		Non Dimmable
		05.1457.40A
		05.1457.14A
		Dali Version
		05.1457.40ADA
		05.1457.14ADA
		Mains Dimming
		05.1457.40ANI
		05.1457.14ANI
		Casambi
		05.1457.40ACB
		05.1457.14ACB



# LIGHT SHADOW

## Light Shadow Adjustable No Trim 2 Spots

**Light Source:** Power LED DC 900 mA 7W - 540 lm - 2700K/CRI 90 / 7W - 570 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 2 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

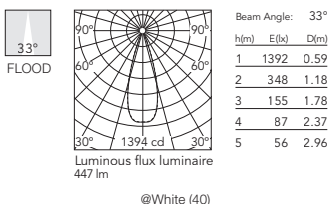
Recessed integrated luminaire with 2 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

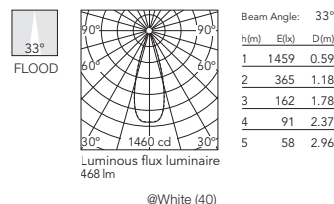
### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
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| ■ □ | 03.9405.14A   |
|     | Dali Version  |
| ■ □ | 03.9405.40ADA |
| ■ □ | 03.9405.14ADA |
|     | Mains Dimming |
| ■ □ | 03.9405.40ANI |
| ■ □ | 03.9405.14ANI |
|     | Casambi       |
| ■ □ | 03.9405.40ACB |
| ■ □ | 03.9405.14ACB |
|     | Non Dimmable  |
| ■ □ | 03.9406.40A   |
| ■ □ | 03.9406.14A   |
|     | Dali Version  |
| ■ □ | 03.9406.40ADA |
| ■ □ | 03.9406.14ADA |
|     | Mains Dimming |
| ■ □ | 03.9406.40ANI |
| ■ □ | 03.9406.14ANI |
|     | Casambi       |
| ■ □ | 03.9406.40ACB |
| ■ □ | 03.9406.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1460.40A   |
| ■ □ | 05.1460.14A   |
|     | Dali Version  |
| ■ □ | 05.1460.40ADA |
| ■ □ | 05.1460.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1460.40ANI |
| ■ □ | 05.1460.14ANI |
|     | Casambi       |
| ■ □ | 05.1460.40ACB |
| ■ □ | 05.1460.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1461.40A   |
| ■ □ | 05.1461.14A   |
|     | Dali Version  |
| ■ □ | 05.1461.40ADA |
| ■ □ | 05.1461.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1461.40ANI |
| ■ □ | 05.1461.14ANI |
|     | Casambi       |
| ■ □ | 05.1461.40ACB |
| ■ □ | 05.1461.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1462.40A   |
| ■ □ | 05.1462.14A   |
|     | Dali Version  |
| ■ □ | 05.1462.40ADA |
| ■ □ | 05.1462.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1462.40ANI |
| ■ □ | 05.1462.14ANI |
|     | Casambi       |
| ■ □ | 05.1462.40ACB |
| ■ □ | 05.1462.14ACB |



### Optic Flood 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
| ■ □ | 03.9415.40A   |
| ■ □ | 03.9415.14A   |
|     | Dali Version  |
| ■ □ | 03.9415.40ADA |
| ■ □ | 03.9415.14ADA |
|     | Mains Dimming |
| ■ □ | 03.9415.40ANI |
| ■ □ | 03.9415.14ANI |
|     | Casambi       |
| ■ □ | 03.9415.40ACB |
| ■ □ | 03.9415.14ACB |
|     | Non Dimmable  |
| ■ □ | 03.9416.40A   |
| ■ □ | 03.9416.14A   |
|     | Dali Version  |
| ■ □ | 03.9416.40ADA |
| ■ □ | 03.9416.14ADA |
|     | Mains Dimming |
| ■ □ | 03.9416.40ANI |
| ■ □ | 03.9416.14ANI |
|     | Casambi       |
| ■ □ | 03.9416.40ACB |
| ■ □ | 03.9416.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1465.40A   |
| ■ □ | 05.1465.14A   |
|     | Dali Version  |
| ■ □ | 05.1465.40ADA |
| ■ □ | 05.1465.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1465.40ANI |
| ■ □ | 05.1465.14ANI |
|     | Casambi       |
| ■ □ | 05.1465.40ACB |
| ■ □ | 05.1465.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1466.40A   |
| ■ □ | 05.1466.14A   |
|     | Dali Version  |
| ■ □ | 05.1466.40ADA |
| ■ □ | 05.1466.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1466.40ANI |
| ■ □ | 05.1466.14ANI |
|     | Casambi       |
| ■ □ | 05.1466.40ACB |
| ■ □ | 05.1466.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1467.40A   |
| ■ □ | 05.1467.14A   |
|     | Dali Version  |
| ■ □ | 05.1467.40ADA |
| ■ □ | 05.1467.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1467.40ANI |
| ■ □ | 05.1467.14ANI |
|     | Casambi       |
| ■ □ | 05.1467.40ACB |
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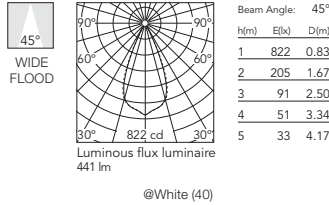




# LIGHT SHADOW

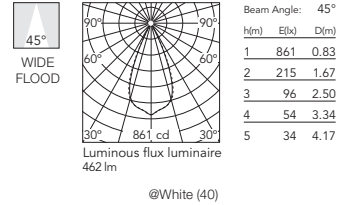
## Optic Wide Flood 2700K

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	03.7350.14A
	Dali Version
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	03.7350.14ADA
	Mains Dimming
	03.7350.40ANI
	03.7350.14ANI
	Casambi
	03.7350.40ACB
	03.7350.14ACB
	Non Dimmable
	03.7351.40A
	03.7351.14A
	Dali Version
	03.7351.40ADA
	03.7351.14ADA
	Mains Dimming
	03.7351.40ANI
	03.7351.14ANI
	Casambi
	03.7351.40ACB
	03.7351.14ACB
	Non Dimmable
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	05.1470.14A
	Dali Version
	05.1470.40ADA
	05.1470.14ADA
	Mains Dimming
	05.1470.40ANI
	05.1470.14ANI
	Casambi
	05.1470.40ACB
	05.1470.14ACB
	Non Dimmable
	05.1471.40A
	05.1471.14A
	Dali Version
	05.1471.40ADA
	05.1471.14ADA
	Mains Dimming
	05.1471.40ANI
	05.1471.14ANI
	Casambi
	05.1471.40ACB
	05.1471.14ACB
	Non Dimmable
	05.1472.40A
	05.1472.14A
	Dali Version
	05.1472.40ADA
	05.1472.14ADA
	Mains Dimming
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	Casambi
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	05.1472.14ACB



## Optic Wide Flood 3000K

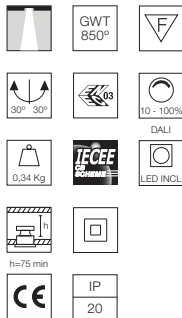
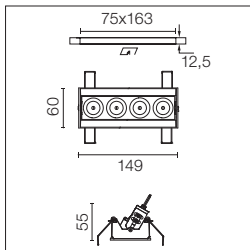
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	03.7354.14A
	Dali Version
	03.7354.40ADA
	03.7354.14ADA
	Mains Dimming
	03.7354.40ANI
	03.7354.14ANI
	Casambi
	03.7354.40ACB
	03.7354.14ACB
	Non Dimmable
	03.7355.40A
	03.7355.14A
	Dali Version
	03.7355.40ADA
	03.7355.14ADA
	Mains Dimming
	03.7355.40ANI
	03.7355.14ANI
	Casambi
	03.7355.40ACB
	03.7355.14ACB
	Non Dimmable
	05.1475.40A
	05.1475.14A
	Dali Version
	05.1475.40ADA
	05.1475.14ADA
	Mains Dimming
	05.1475.40ANI
	05.1475.14ANI
	Casambi
	05.1475.40ACB
	05.1475.14ACB
	Non Dimmable
	05.1476.40A
	05.1476.14A
	Dali Version
	05.1476.40ADA
	05.1476.14ADA
	Mains Dimming
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	05.1476.14ANI
	Casambi
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	05.1476.14ACB
	Non Dimmable
	05.1477.40A
	05.1477.14A
	Dali Version
	05.1477.40ADA
	05.1477.14ADA
	Mains Dimming
	05.1477.40ANI
	05.1477.14ANI
	Casambi
	05.1477.40ACB
	05.1477.14ACB



# LIGHT SHADOW

## Light Shadow Adjustable No Trim 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa (220-240V). Cornice di pre-installazione da ordinare separatamente.

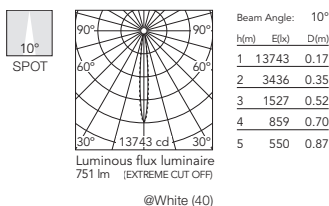
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish.

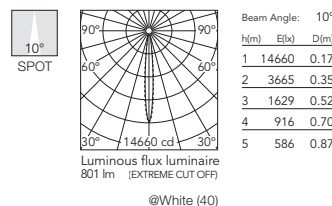
### Optic Spot 2700K

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|-----|---------------|
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| ■ □ | 03.8924.14A   |
|     | Dali Version  |
| ■ □ | 03.8924.40ADA |
| ■ □ | 03.8924.14ADA |
|     | Mains Dimming |
| ■ □ | 03.8924.40ANI |
| ■ □ | 03.8924.14ANI |
|     | Casambi       |
| ■ □ | 03.8924.40ACB |
| ■ □ | 03.8924.14ACB |
|     | Non Dimmable  |
| ■ □ | 03.8925.40A   |
| ■ □ | 03.8925.14A   |
|     | Dali Version  |
| ■ □ | 03.8925.40ADA |
| ■ □ | 03.8925.14ADA |
|     | Mains Dimming |
| ■ □ | 03.8925.40ANI |
| ■ □ | 03.8925.14ANI |
|     | Casambi       |
| ■ □ | 03.8925.40ACB |
| ■ □ | 03.8925.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1540.40A   |
| ■ □ | 05.1540.14A   |
|     | Dali Version  |
| ■ □ | 05.1540.40ADA |
| ■ □ | 05.1540.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1540.40ANI |
| ■ □ | 05.1540.14ANI |
|     | Casambi       |
| ■ □ | 05.1540.40ACB |
| ■ □ | 05.1540.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1541.40A   |
| ■ □ | 05.1541.14A   |
|     | Dali Version  |
| ■ □ | 05.1541.40ADA |
| ■ □ | 05.1541.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1541.40ANI |
| ■ □ | 05.1541.14ANI |
|     | Casambi       |
| ■ □ | 05.1541.40ACB |
| ■ □ | 05.1541.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1542.40A   |
| ■ □ | 05.1542.14A   |
|     | Dali Version  |
| ■ □ | 05.1542.40ADA |
| ■ □ | 05.1542.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1542.40ANI |
| ■ □ | 05.1542.14ANI |
|     | Casambi       |
| ■ □ | 05.1542.40ACB |
| ■ □ | 05.1542.14ACB |












































### Optic Spot 3000K

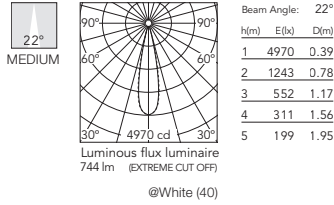
- |     |               |
|-----|---------------|
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| ■ □ | 03.8928.14A   |
|     | Dali Version  |
| ■ □ | 03.8928.40ADA |
| ■ □ | 03.8928.14ADA |
|     | Mains Dimming |
| ■ □ | 03.8928.40ANI |
| ■ □ | 03.8928.14ANI |
|     | Casambi       |
| ■ □ | 03.8928.40ACB |
| ■ □ | 03.8928.14ACB |
|     | Non Dimmable  |
| ■ □ | 03.8929.40A   |
| ■ □ | 03.8929.14A   |
|     | Dali Version  |
| ■ □ | 03.8929.40ADA |
| ■ □ | 03.8929.14ADA |
|     | Mains Dimming |
| ■ □ | 03.8929.40ANI |
| ■ □ | 03.8929.14ANI |
|     | Casambi       |
| ■ □ | 03.8929.40ACB |
| ■ □ | 03.8929.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1545.40A   |
| ■ □ | 05.1545.14A   |
|     | Dali Version  |
| ■ □ | 05.1545.40ADA |
| ■ □ | 05.1545.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1545.40ANI |
| ■ □ | 05.1545.14ANI |
|     | Casambi       |
| ■ □ | 05.1545.40ACB |
| ■ □ | 05.1545.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1546.40A   |
| ■ □ | 05.1546.14A   |
|     | Dali Version  |
| ■ □ | 05.1546.40ADA |
| ■ □ | 05.1546.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1546.40ANI |
| ■ □ | 05.1546.14ANI |
|     | Casambi       |
| ■ □ | 05.1546.40ACB |
| ■ □ | 05.1546.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1547.40A   |
| ■ □ | 05.1547.14A   |
|     | Dali Version  |
| ■ □ | 05.1547.40ADA |
| ■ □ | 05.1547.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1547.40ANI |
| ■ □ | 05.1547.14ANI |
|     | Casambi       |
| ■ □ | 05.1547.40ACB |
| ■ □ | 05.1547.14ACB |












































# LIGHT SHADOW

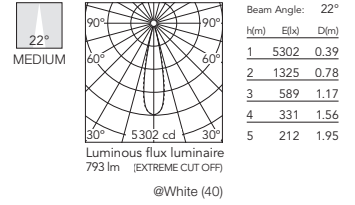
## Optic Medium 2700K

- |  |               |
|--|---------------|
|    | Non Dimmable  |
|    | 03.9420.40A   |
|    | 03.9420.14A   |
|  | Dali Version  |
|    | 03.9420.40ADA |
|    | 03.9420.14ADA |
|  | Mains Dimming |
|    | 03.9420.40ANI |
|    | 03.9420.14ANI |
|  | Casambi       |
|    | 03.9420.40ACB |
|    | 03.9420.14ACB |
|  | Non Dimmable  |
|    | 03.9421.40A   |
|    | 03.9421.14A   |
|  | Dali Version  |
|    | 03.9421.40ADA |
|    | 03.9421.14ADA |
|  | Mains Dimming |
|    | 03.9421.40ANI |
|    | 03.9421.14ANI |
|  | Casambi       |
|    | 03.9421.40ACB |
|    | 03.9421.14ACB |
|  | Non Dimmable  |
|    | 05.1550.40A   |
|    | 05.1550.14A   |
|  | Dali Version  |
|    | 05.1550.40ADA |
|    | 05.1550.14ADA |
|  | Mains Dimming |
|    | 05.1550.40ANI |
|    | 05.1550.14ANI |
|  | Casambi       |
|    | 05.1550.40ACB |
|    | 05.1550.14ACB |
|  | Non Dimmable  |
|   | 05.1551.40A   |
|  | 05.1551.14A   |
|  | Dali Version  |
|  | 05.1551.40ADA |
|  | 05.1551.14ADA |
|  | Mains Dimming |
|  | 05.1551.40ANI |
|  | 05.1551.14ANI |
|  | Casambi       |
|  | 05.1551.40ACB |
|  | 05.1551.14ACB |
|  | Non Dimmable  |
|  | 05.1552.40A   |
|  | 05.1552.14A   |
|  | Dali Version  |
|  | 05.1552.40ADA |
|  | 05.1552.14ADA |
|  | Mains Dimming |
|  | 05.1552.40ANI |
|  | 05.1552.14ANI |
|  | Casambi       |
|  | 05.1552.40ACB |
|  | 05.1552.14ACB |



## Optic Medium 3000K

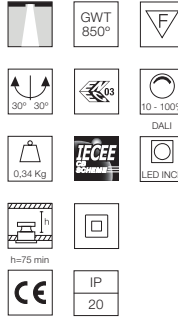
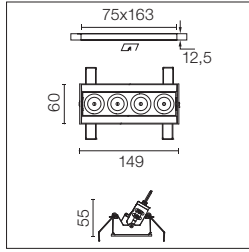
- |   |               |
|---|---------------|
|    | Non Dimmable  |
|    | 03.9430.40A   |
|    | 03.9430.14A   |
|   | Dali Version  |
|    | 03.9430.40ADA |
|    | 03.9430.14ADA |
|   | Mains Dimming |
|    | 03.9430.40ANI |
|    | 03.9430.14ANI |
|   | Casambi       |
|    | 03.9430.40ACB |
|    | 03.9430.14ACB |
|   | Non Dimmable  |
|    | 03.9431.40A   |
|    | 03.9431.14A   |
|   | Dali Version  |
|    | 03.9431.40ADA |
|    | 03.9431.14ADA |
|   | Mains Dimming |
|    | 03.9431.40ANI |
|    | 03.9431.14ANI |
|   | Casambi       |
|    | 03.9431.40ACB |
|    | 03.9431.14ACB |
|   | Non Dimmable  |
|    | 05.1555.40A   |
|    | 05.1555.14A   |
|   | Dali Version  |
|    | 05.1555.40ADA |
|    | 05.1555.14ADA |
|   | Mains Dimming |
|    | 05.1555.40ANI |
|    | 05.1555.14ANI |
|   | Casambi       |
|    | 05.1555.40ACB |
|    | 05.1555.14ACB |
|   | Non Dimmable  |
|   | 05.1556.40A   |
|  | 05.1556.14A   |
|   | Dali Version  |
|  | 05.1556.40ADA |
|  | 05.1556.14ADA |
|   | Mains Dimming |
|  | 05.1556.40ANI |
|  | 05.1556.14ANI |
|   | Casambi       |
|  | 05.1556.40ACB |
|  | 05.1556.14ACB |
|   | Non Dimmable  |
|  | 05.1557.40A   |
|  | 05.1557.14A   |
|   | Dali Version  |
|  | 05.1557.40ADA |
|  | 05.1557.14ADA |
|   | Mains Dimming |
|  | 05.1557.40ANI |
|  | 05.1557.14ANI |
|   | Casambi       |
|  | 05.1557.40ACB |
|  | 05.1557.14ACB |



# LIGHT SHADOW

## Light Shadow Adjustable No Trim 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 4 spot LED. Alimentazione remota inclusa (220-240V). Cornice di pre-installazione da ordinare separatamente.

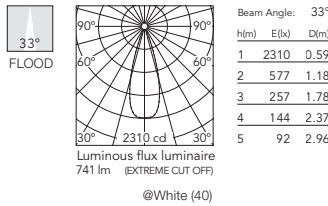
Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish.

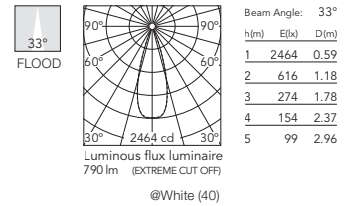
### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
| ■ □ | 03.9425.40A   |
| ■ □ | 03.9425.14A   |
|     | Dali Version  |
| ■ □ | 03.9425.40ADA |
| ■ □ | 03.9425.14ADA |
|     | Mains Dimming |
| ■ □ | 03.9425.40ANI |
| ■ □ | 03.9425.14ANI |
|     | Casambi       |
| ■ □ | 03.9425.40ACB |
| ■ □ | 03.9425.14ACB |
|     | Non Dimmable  |
| ■ □ | 03.9426.40A   |
| ■ □ | 03.9426.14A   |
|     | Dali Version  |
| ■ □ | 03.9426.40ADA |
| ■ □ | 03.9426.14ADA |
|     | Mains Dimming |
| ■ □ | 03.9426.40ANI |
| ■ □ | 03.9426.14ANI |
|     | Casambi       |
| ■ □ | 03.9426.40ACB |
| ■ □ | 03.9426.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1560.40A   |
| ■ □ | 05.1560.14A   |
|     | Dali Version  |
| ■ □ | 05.1560.40ADA |
| ■ □ | 05.1560.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1560.40ANI |
| ■ □ | 05.1560.14ANI |
|     | Casambi       |
| ■ □ | 05.1560.40ACB |
| ■ □ | 05.1560.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1561.40A   |
| ■ □ | 05.1561.14A   |
|     | Dali Version  |
| ■ □ | 05.1561.40ADA |
| ■ □ | 05.1561.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1561.40ANI |
| ■ □ | 05.1561.14ANI |
|     | Casambi       |
| ■ □ | 05.1561.40ACB |
| ■ □ | 05.1561.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1562.40A   |
| ■ □ | 05.1562.14A   |
|     | Dali Version  |
| ■ □ | 05.1562.40ADA |
| ■ □ | 05.1562.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1562.40ANI |
| ■ □ | 05.1562.14ANI |
|     | Casambi       |
| ■ □ | 05.1562.40ACB |
| ■ □ | 05.1562.14ACB |



### Optic Flood 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
| ■ □ | 03.9435.40A   |
| ■ □ | 03.9435.14A   |
|     | Dali Version  |
| ■ □ | 03.9435.40ADA |
| ■ □ | 03.9435.14ADA |
|     | Mains Dimming |
| ■ □ | 03.9435.40ANI |
| ■ □ | 03.9435.14ANI |
|     | Casambi       |
| ■ □ | 03.9435.40ACB |
| ■ □ | 03.9435.14ACB |
|     | Non Dimmable  |
| ■ □ | 03.9436.40A   |
| ■ □ | 03.9436.14A   |
|     | Dali Version  |
| ■ □ | 03.9436.40ADA |
| ■ □ | 03.9436.14ADA |
|     | Mains Dimming |
| ■ □ | 03.9436.40ANI |
| ■ □ | 03.9436.14ANI |
|     | Casambi       |
| ■ □ | 03.9436.40ACB |
| ■ □ | 03.9436.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1565.40A   |
| ■ □ | 05.1565.14A   |
|     | Dali Version  |
| ■ □ | 05.1565.40ADA |
| ■ □ | 05.1565.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1565.40ANI |
| ■ □ | 05.1565.14ANI |
|     | Casambi       |
| ■ □ | 05.1565.40ACB |
| ■ □ | 05.1565.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1566.40A   |
| ■ □ | 05.1566.14A   |
|     | Dali Version  |
| ■ □ | 05.1566.40ADA |
| ■ □ | 05.1566.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1566.40ANI |
| ■ □ | 05.1566.14ANI |
|     | Casambi       |
| ■ □ | 05.1566.40ACB |
| ■ □ | 05.1566.14ACB |
|     | Non Dimmable  |
| ■ □ | 05.1567.40A   |
| ■ □ | 05.1567.14A   |
|     | Dali Version  |
| ■ □ | 05.1567.40ADA |
| ■ □ | 05.1567.14ADA |
|     | Mains Dimming |
| ■ □ | 05.1567.40ANI |
| ■ □ | 05.1567.14ANI |
|     | Casambi       |
| ■ □ | 05.1567.40ACB |
| ■ □ | 05.1567.14ACB |



# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.7358.40A

03.7358.14A

Dali Version

03.7358.40ADA

03.7358.14ADA

Mains Dimming

03.7358.40ANI

03.7358.14ANI

Casambi

03.7358.40ACB

03.7358.14ACB

Non Dimmable

03.7359.40A

03.7359.14A

Dali Version

03.7359.40ADA

03.7359.14ADA

Mains Dimming

03.7359.40ANI

03.7359.14ANI

Casambi

03.7359.40ACB

03.7359.14ACB

Non Dimmable

05.1570.40A

05.1570.14A

Dali Version

05.1570.40ADA

05.1570.14ADA

Mains Dimming

05.1570.40ANI

05.1570.14ANI

Casambi

05.1570.40ACB

05.1570.14ACB

Non Dimmable

05.1571.40A

05.1571.14A

Dali Version

05.1571.40ADA

05.1571.14ADA

Mains Dimming

05.1571.40ANI

05.1571.14ANI

Casambi

05.1571.40ACB

05.1571.14ACB

Non Dimmable

05.1572.40A

05.1572.14A

Dali Version

05.1572.40ADA

05.1572.14ADA

Mains Dimming

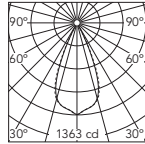
05.1572.40ANI

05.1572.14ANI

Casambi

05.1572.40ACB

05.1572.14ACB



Luminous flux luminaire  
731 lm (EXTREME CUT OFF)

@White (40)

Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1363	0.83
2	341	1.67
3	151	2.50
4	85	3.34
5	55	4.17

## Optic Wide Flood 3000K

E I Non Dimmable

03.7362.40A

03.7362.14A

Dali Version

03.7362.40ADA

03.7362.14ADA

Mains Dimming

03.7362.40ANI

03.7362.14ANI

Casambi

03.7362.40ACB

03.7362.14ACB

Non Dimmable

03.7363.40A

03.7363.14A

Dali Version

03.7363.40ADA

03.7363.14ADA

Mains Dimming

03.7363.40ANI

03.7363.14ANI

Casambi

03.7363.40ACB

03.7363.14ACB

Non Dimmable

05.1575.40A

05.1575.14A

Dali Version

05.1575.40ADA

05.1575.14ADA

Mains Dimming

05.1575.40ANI

05.1575.14ANI

Casambi

05.1575.40ACB

05.1575.14ACB

Non Dimmable

05.1576.40A

05.1576.14A

Dali Version

05.1576.40ADA

05.1576.14ADA

Mains Dimming

05.1576.40ANI

05.1576.14ANI

Casambi

05.1576.40ACB

05.1576.14ACB

Non Dimmable

05.1577.40A

05.1577.14A

Dali Version

05.1577.40ADA

05.1577.14ADA

Mains Dimming

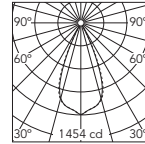
05.1577.40ANI

05.1577.14ANI

Casambi

05.1577.40ACB

05.1577.14ACB



Luminous flux luminaire  
780 lm (EXTREME CUT OFF)

@White (40)

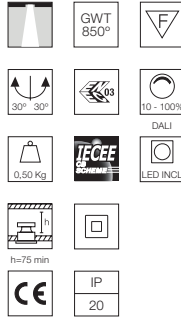
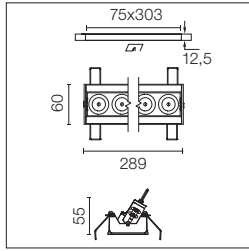
Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1454	0.83
2	363	1.67
3	162	2.50
4	91	3.34
5	58	4.17

# LIGHT SHADOW

## Light Shadow Adjustable No Trim 8 Spots

**Light Source:** Power LED DC 900 mA 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 18,6W - 1800 lm - 2700K/CRI 90 / 18,6W - 1900 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 8 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

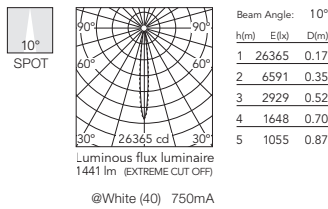
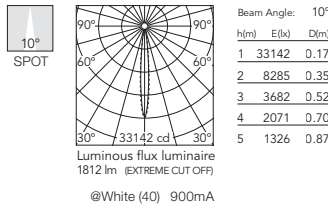
Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

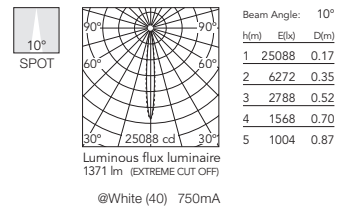
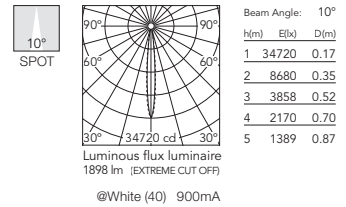
### Optic Spot 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.8932.40A   |
|     | 03.8932.14A   |
|     | Dali Version  |
|     | 03.8932.40ADA |
|     | 03.8932.14ADA |
|     | Mains Dimming |
|     | 03.8932.40ANI |
|     | 03.8932.14ANI |
|     | Casambi       |
|     | 03.8932.40ACB |
|     | 03.8932.14ACB |
|     | Non Dimmable  |
|     | 03.8933.40A   |
|     | 03.8933.14A   |
|     | Dali Version  |
|     | 03.8933.40ADA |
|     | 03.8933.14ADA |
|     | Mains Dimming |
|     | 03.8933.40ANI |
|     | 03.8933.14ANI |
|     | Casambi       |
|     | 03.8933.40ACB |
|     | 03.8933.14ACB |
|     | Non Dimmable  |
|     | 05.1640.40A   |
|     | 05.1640.14A   |
|     | Dali Version  |
|     | 05.1640.40ADA |
|     | 05.1640.14ADA |
|     | Mains Dimming |
|     | 05.1640.40ANI |
|     | 05.1640.14ANI |
|     | Casambi       |
|     | 05.1640.40ACB |
|     | 05.1640.14ACB |
|     | Non Dimmable  |
|     | 05.1641.40A   |
|     | 05.1641.14A   |
|     | Dali Version  |
|     | 05.1641.40ADA |
|     | 05.1641.14ADA |
|     | Mains Dimming |
|     | 05.1641.40ANI |
|     | 05.1641.14ANI |
|     | Casambi       |
|     | 05.1641.40ACB |
|     | 05.1641.14ACB |
|     | Non Dimmable  |
|     | 05.1642.40A   |
|     | 05.1642.14A   |
|     | Dali Version  |
|     | 05.1642.40ADA |
|     | 05.1642.14ADA |
|     | Mains Dimming |
|     | 05.1642.40ANI |
|     | 05.1642.14ANI |
|     | Casambi       |
|     | 05.1642.40ACB |
|     | 05.1642.14ACB |











































### Optic Spot 3000K

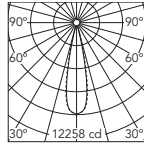
- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
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|     | 03.8936.14A   |
|     | Dali Version  |
|     | 03.8936.40ADA |
|     | 03.8936.14ADA |
|     | Mains Dimming |
|     | 03.8936.40ANI |
|     | 03.8936.14ANI |
|     | Casambi       |
|     | 03.8936.40ACB |
|     | 03.8936.14ACB |
|     | Non Dimmable  |
|     | 03.8937.40A   |
|     | 03.8937.14A   |
|     | Dali Version  |
|     | 03.8937.40ADA |
|     | 03.8937.14ADA |
|     | Mains Dimming |
|     | 03.8937.40ANI |
|     | 03.8937.14ANI |
|     | Casambi       |
|     | 03.8937.40ACB |
|     | 03.8937.14ACB |
|     | Non Dimmable  |
|     | 05.1645.40A   |
|     | 05.1645.14A   |
|     | Dali Version  |
|     | 05.1645.40ADA |
|     | 05.1645.14ADA |
|     | Mains Dimming |
|     | 05.1645.40ANI |
|     | 05.1645.14ANI |
|     | Casambi       |
|     | 05.1645.40ACB |
|     | 05.1645.14ACB |
|     | Non Dimmable  |
|     | 05.1646.40A   |
|     | 05.1646.14A   |
|     | Dali Version  |
|     | 05.1646.40ADA |
|     | 05.1646.14ADA |
|     | Mains Dimming |
|     | 05.1646.40ANI |
|     | 05.1646.14ANI |
|     | Casambi       |
|     | 05.1646.40ACB |
|     | 05.1646.14ACB |
|     | Non Dimmable  |
|     | 05.1647.40A   |
|     | 05.1647.14A   |
|     | Dali Version  |
|     | 05.1647.40ADA |
|     | 05.1647.14ADA |
|     | Mains Dimming |
|     | 05.1647.40ANI |
|     | 05.1647.14ANI |
|     | Casambi       |
|     | 05.1647.40ACB |
|     | 05.1647.14ACB |



# LIGHT SHADOW

## Optic Medium 2700K

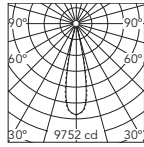
- E I Non Dimmable
-  03.9440.40A
  -  03.9440.14A
  - Dali Version
  -  03.9440.40ADA
  -  03.9440.14ADA
  - Mains Dimming
  -  03.9440.40ANI
  -  03.9440.14ANI
  - Casambi
  -  03.9440.40ACB
  -  03.9440.14ACB
  - Non Dimmable
  -  03.9441.40A
  -  03.9441.14A
  - Dali Version
  -  03.9441.40ADA
  -  03.9441.14ADA
  - Mains Dimming
  -  03.9441.40ANI
  -  03.9441.14ANI
  - Casambi
  -  03.9441.40ACB
  -  03.9441.14ACB
  - Non Dimmable
  -  05.1650.40A
  -  05.1650.14A
  - Dali Version
  -  05.1650.40ADA
  -  05.1650.14ADA
  - Mains Dimming
  -  05.1650.40ANI
  -  05.1650.14ANI
  - Casambi
  -  05.1650.40ACB
  -  05.1650.14ACB
  - Non Dimmable
  -  05.1651.40A
  -  05.1651.14A
  - Dali Version
  -  05.1651.40ADA
  -  05.1651.14ADA
  - Mains Dimming
  -  05.1651.40ANI
  -  05.1651.14ANI
  - Casambi
  -  05.1651.40ACB
  -  05.1651.14ACB
  - Non Dimmable
  -  05.1652.40A
  -  05.1652.14A
  - Dali Version
  -  05.1652.40ADA
  -  05.1652.14ADA
  - Mains Dimming
  -  05.1652.40ANI
  -  05.1652.14ANI
  - Casambi
  -  05.1652.40ACB
  -  05.1652.14ACB



Beam Angle: 22°

h(m)	E lx	D(m)
1	12258	0.39
2	3065	0.78
3	1362	1.17
4	766	1.56
5	490	1.95

Luminous flux luminaire  
1793 lm (EXTREME CUT OFF)  
@White (40) 900mA











































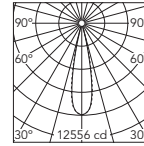
Beam Angle: 22°

h(m)	E lx	D(m)
1	9752	0.39
2	2438	0.78
3	1084	1.17
4	609	1.56
5	390	1.95

Luminous flux luminaire  
1426 lm (EXTREME CUT OFF)  
@White (40) 750mA

## Optic Medium 3000K

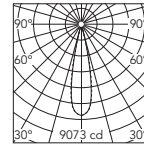
- E I Non Dimmable
-  03.9450.40A
  -  03.9450.14A
  - Dali Version
  -  03.9450.40ADA
  -  03.9450.14ADA
  - Mains Dimming
  -  03.9450.40ANI
  -  03.9450.14ANI
  - Casambi
  -  03.9450.40ACB
  -  03.9450.14ACB
  - Non Dimmable
  -  03.9451.40A
  -  03.9451.14A
  - Dali Version
  -  03.9451.40ADA
  -  03.9451.14ADA
  - Mains Dimming
  -  03.9451.40ANI
  -  03.9451.14ANI
  - Casambi
  -  03.9451.40ACB
  -  03.9451.14ACB
  - Non Dimmable
  -  05.1655.40A
  -  05.1655.14A
  - Dali Version
  -  05.1655.40ADA
  -  05.1655.14ADA
  - Mains Dimming
  -  05.1655.40ANI
  -  05.1655.14ANI
  - Casambi
  -  05.1655.40ACB
  -  05.1655.14ACB
  - Non Dimmable
  -  05.1656.40A
  -  05.1656.14A
  - Dali Version
  -  05.1656.40ADA
  -  05.1656.14ADA
  - Mains Dimming
  -  05.1656.40ANI
  -  05.1656.14ANI
  - Casambi
  -  05.1656.40ACB
  -  05.1656.14ACB
  - Non Dimmable
  -  05.1657.40A
  -  05.1657.14A
  - Dali Version
  -  05.1657.40ADA
  -  05.1657.14ADA
  - Mains Dimming
  -  05.1657.40ANI
  -  05.1657.14ANI
  - Casambi
  -  05.1657.40ACB
  -  05.1657.14ACB



Beam Angle: 22°

h(m)	E lx	D(m)
1	12556	0.39
2	3139	0.78
3	1395	1.17
4	785	1.56
5	502	1.95

Luminous flux luminaire  
1878 lm (EXTREME CUT OFF)  
@White (40) 900mA



Beam Angle: 22°

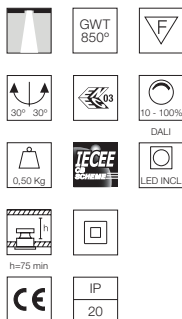
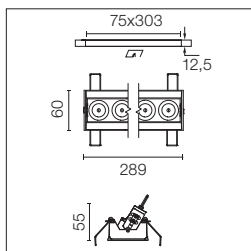
h(m)	E lx	D(m)
1	9073	0.39
2	2268	0.78
3	1008	1.17
4	567	1.56
5	363	1.95

Luminous flux luminaire  
1357 lm (EXTREME CUT OFF)  
@White (40) 750mA

# LIGHT SHADOW

## Light Shadow Adjustable No Trim 8 Spots

**Light Source:** Power LED DC 900 mA 21,6W - 2160 lm - 2700K/CRI 90 / 21,6W - 2280 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 18,6W - 1800 lm - 2700K/CRI 90 / 18,6W - 1900 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 8 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

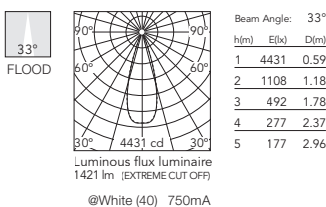
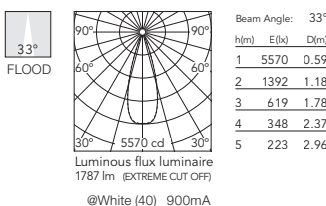
Recessed integrated luminaire with 8 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

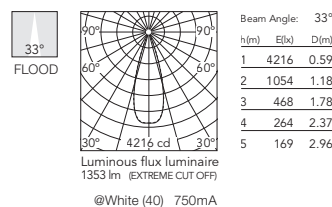
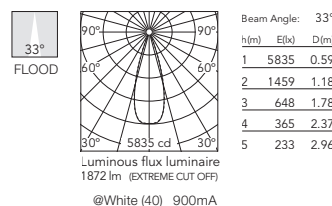
### Optic Flood 2700K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9445.40A   |
|     | 03.9445.14A   |
|     | Dali Version  |
|     | 03.9445.40ADA |
|     | 03.9445.14ADA |
|     | Mains Dimming |
|     | 03.9445.40ANI |
|     | 03.9445.14ANI |
|     | Casambi       |
|     | 03.9445.40ACB |
|     | 03.9445.14ACB |
|     | Non Dimmable  |
|     | 03.9446.40A   |
|     | 03.9446.14A   |
|     | Dali Version  |
|     | 03.9446.40ADA |
|     | 03.9446.14ADA |
|     | Mains Dimming |
|     | 03.9446.40ANI |
|     | 03.9446.14ANI |
|     | Casambi       |
|     | 03.9446.40ACB |
|     | 03.9446.14ACB |
|     | Non Dimmable  |
|     | 05.1660.40A   |
|     | 05.1660.14A   |
|     | Dali Version  |
|     | 05.1660.40ADA |
|     | 05.1660.14ADA |
|     | Mains Dimming |
|     | 05.1660.40ANI |
|     | 05.1660.14ANI |
|     | Casambi       |
|     | 05.1660.40ACB |
|     | 05.1660.14ACB |
|     | Non Dimmable  |
|     | 05.1661.40A   |
|     | 05.1661.14A   |
|     | Dali Version  |
|     | 05.1661.40ADA |
|     | 05.1661.14ADA |
|     | Mains Dimming |
|     | 05.1661.40ANI |
|     | 05.1661.14ANI |
|     | Casambi       |
|     | 05.1661.40ACB |
|     | 05.1661.14ACB |
|     | Non Dimmable  |
|     | 05.1662.40A   |
|     | 05.1662.14A   |
|     | Dali Version  |
|     | 05.1662.40ADA |
|     | 05.1662.14ADA |
|     | Mains Dimming |
|     | 05.1662.40ANI |
|     | 05.1662.14ANI |
|     | Casambi       |
|     | 05.1662.40ACB |
|     | 05.1662.14ACB |



### Optic Flood 3000K

- |     |               |
|-----|---------------|
| E I | Non Dimmable  |
|     | 03.9455.40A   |
|     | 03.9455.14A   |
|     | Dali Version  |
|     | 03.9455.40ADA |
|     | 03.9455.14ADA |
|     | Mains Dimming |
|     | 03.9455.40ANI |
|     | 03.9455.14ANI |
|     | Casambi       |
|     | 03.9455.40ACB |
|     | 03.9455.14ACB |
|     | Non Dimmable  |
|     | 03.9456.40A   |
|     | 03.9456.14A   |
|     | Dali Version  |
|     | 03.9456.40ADA |
|     | 03.9456.14ADA |
|     | Mains Dimming |
|     | 03.9456.40ANI |
|     | 03.9456.14ANI |
|     | Casambi       |
|     | 03.9456.40ACB |
|     | 03.9456.14ACB |
|     | Non Dimmable  |
|     | 05.1665.40A   |
|     | 05.1665.14A   |
|     | Dali Version  |
|     | 05.1665.40ADA |
|     | 05.1665.14ADA |
|     | Mains Dimming |
|     | 05.1665.40ANI |
|     | 05.1665.14ANI |
|     | Casambi       |
|     | 05.1665.40ACB |
|     | 05.1665.14ACB |
|     | Non Dimmable  |
|     | 05.1666.40A   |
|     | 05.1666.14A   |
|     | Dali Version  |
|     | 05.1666.40ADA |
|     | 05.1666.14ADA |
|     | Mains Dimming |
|     | 05.1666.40ANI |
|     | 05.1666.14ANI |
|     | Casambi       |
|     | 05.1666.40ACB |
|     | 05.1666.14ACB |
|     | Non Dimmable  |
|     | 05.1667.40A   |
|     | 05.1667.14A   |
|     | Dali Version  |
|     | 05.1667.40ADA |
|     | 05.1667.14ADA |
|     | Mains Dimming |
|     | 05.1667.40ANI |
|     | 05.1667.14ANI |
|     | Casambi       |
|     | 05.1667.40ACB |
|     | 05.1667.14ACB |





# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.7366.40A

03.7366.14A

Dali Version

03.7366.40ADA

03.7366.14ADA

Mains Dimming

03.7366.40ANI

03.7366.14ANI

Casambi

03.7366.40ACB

03.7366.14ACB

Non Dimmable

03.7367.40A

03.7367.14A

Dali Version

03.7367.40ADA

03.7367.14ADA

Mains Dimming

03.7367.40ANI

03.7367.14ANI

Casambi

03.7367.40ACB

03.7367.14ACB

Non Dimmable

05.1670.40A

05.1670.14A

Dali Version

05.1670.40ADA

05.1670.14ADA

Mains Dimming

05.1670.40ANI

05.1670.14ANI

Casambi

05.1670.40ACB

05.1670.14ACB

Non Dimmable

05.1671.40A

05.1671.14A

Dali Version

05.1671.40ADA

05.1671.14ADA

Mains Dimming

05.1671.40ANI

05.1671.14ANI

Casambi

05.1671.40ACB

05.1671.14ACB

Non Dimmable

05.1672.40A

05.1672.14A

Dali Version

05.1672.40ADA

05.1672.14ADA

Mains Dimming

05.1672.40ANI

05.1672.14ANI

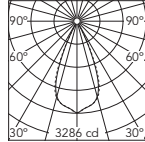
Casambi

05.1672.40ACB

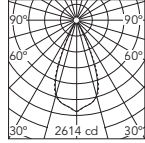
05.1672.14ACB



WIDE  
FLOOD



WIDE  
FLOOD



## Optic Wide Flood 3000K

E I Non Dimmable

03.7370.40A

03.7370.14A

Dali Version

03.7370.40ADA

03.7370.14ADA

Mains Dimming

03.7370.40ANI

03.7370.14ANI

Casambi

03.7370.40ACB

03.7370.14ACB

Non Dimmable

03.7371.40A

03.7371.14A

Dali Version

03.7371.40ADA

03.7371.14ADA

Mains Dimming

03.7371.40ANI

03.7371.14ANI

Casambi

03.7371.40ACB

03.7371.14ACB

Non Dimmable

05.1675.40A

05.1675.14A

Dali Version

05.1675.40ADA

05.1675.14ADA

Mains Dimming

05.1675.40ANI

05.1675.14ANI

Casambi

05.1675.40ACB

05.1675.14ACB

Non Dimmable

05.1676.40A

05.1676.14A

Dali Version

05.1676.40ADA

05.1676.14ADA

Mains Dimming

05.1676.40ANI

05.1676.14ANI

Casambi

05.1676.40ACB

05.1676.14ACB

Non Dimmable

05.1677.40A

05.1677.14A

Dali Version

05.1677.40ADA

05.1677.14ADA

Mains Dimming

05.1677.40ANI

05.1677.14ANI

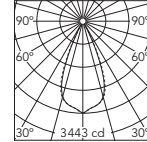
Casambi

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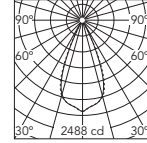
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WIDE  
FLOOD



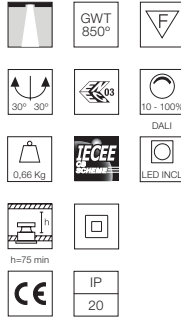
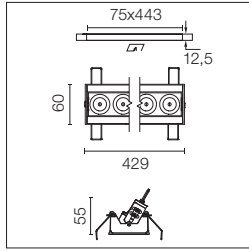
WIDE  
FLOOD



# LIGHT SHADOW

## Light Shadow Adjustable No Trim 12 Spots

**Light Source:** Power LED DC 900 mA 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 28W - 2710 lm - 2700K/CRI 90 / 28W - 2860 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 12 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

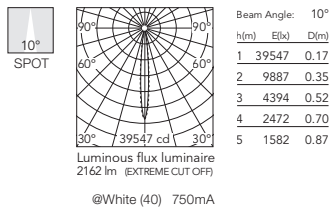
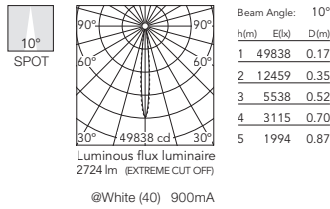
Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

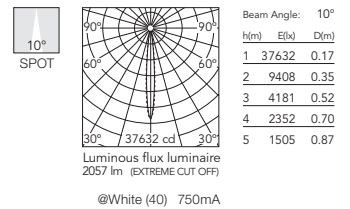
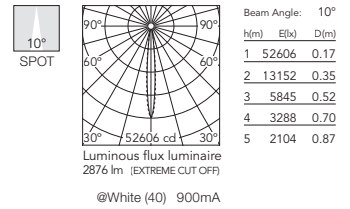
### Optic Spot 2700K

- |   |   |                     |
|---|---|---------------------|
| E | I | Non Dimmable        |
| ■ | ■ | 03.8940.40A         |
| ■ | ■ | 03.8940.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 03.8940.40BDA       |
| ■ | ■ | 03.8940.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 03.8940.40ANI       |
| ■ | ■ | 03.8940.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 03.8940.40ACB       |
| ■ | ■ | 03.8940.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 03.8941.40A         |
| ■ | ■ | 03.8941.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 03.8941.40BDA       |
| ■ | ■ | 03.8941.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 03.8941.40ANI       |
| ■ | ■ | 03.8941.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 03.8941.40ACB       |
| ■ | ■ | 03.8941.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1740.40A         |
| ■ | ■ | 05.1740.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1740.40BDA       |
| ■ | ■ | 05.1740.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1740.40ANI       |
| ■ | ■ | 05.1740.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1740.40ACB       |
| ■ | ■ | 05.1740.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1741.40A         |
| ■ | ■ | 05.1741.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1741.40BDA       |
| ■ | ■ | 05.1741.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1741.40ANI       |
| ■ | ■ | 05.1741.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1741.40ACB       |
| ■ | ■ | 05.1741.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1742.40A         |
| ■ | ■ | 05.1742.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1742.40BDA       |
| ■ | ■ | 05.1742.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1742.40ANI       |
| ■ | ■ | 05.1742.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1742.40ACB       |
| ■ | ■ | 05.1742.14ACB       |








































### Optic Spot 3000K

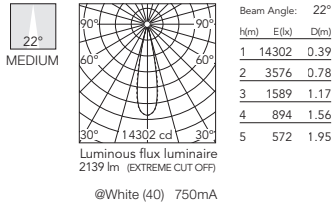
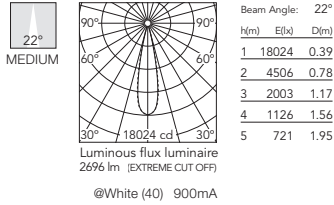
- |   |   |                     |
|---|---|---------------------|
| E | I | Non Dimmable        |
| ■ | ■ | 03.8944.40A         |
| ■ | ■ | 03.8944.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 03.8944.40BDA       |
| ■ | ■ | 03.8944.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 03.8944.40ANI       |
| ■ | ■ | 03.8944.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 03.8944.40ACB       |
| ■ | ■ | 03.8944.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 03.8945.40A         |
| ■ | ■ | 03.8945.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 03.8945.40BDA       |
| ■ | ■ | 03.8945.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 03.8945.40ANI       |
| ■ | ■ | 03.8945.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 03.8945.40ACB       |
| ■ | ■ | 03.8945.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1745.40A         |
| ■ | ■ | 05.1745.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1745.40BDA       |
| ■ | ■ | 05.1745.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1745.40ANI       |
| ■ | ■ | 05.1745.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1745.40ACB       |
| ■ | ■ | 05.1745.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1746.40A         |
| ■ | ■ | 05.1746.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1746.40BDA       |
| ■ | ■ | 05.1746.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1746.40ANI       |
| ■ | ■ | 05.1746.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1746.40ACB       |
| ■ | ■ | 05.1746.14ACB       |
|   |   | Non Dimmable        |
| ■ | ■ | 05.1747.40A         |
| ■ | ■ | 05.1747.14A         |
|   |   | Dali & Push Version |
| ■ | ■ | 05.1747.40BDA       |
| ■ | ■ | 05.1747.14BDA       |
|   |   | Mains Dimming       |
| ■ | ■ | 05.1747.40ANI       |
| ■ | ■ | 05.1747.14ANI       |
|   |   | Casambi             |
| ■ | ■ | 05.1747.40ACB       |
| ■ | ■ | 05.1747.14ACB       |








































# LIGHT SHADOW

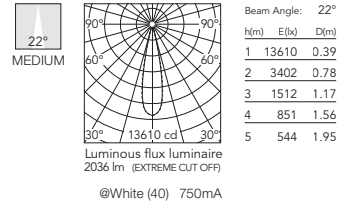
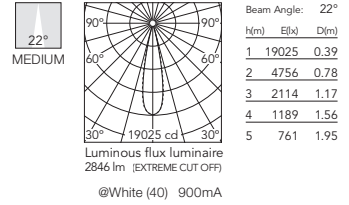
## Optic Medium 2700K

- E I Non Dimmable
-  03.9460.40A
  -  03.9460.14A  
Dali & Push Version
  -  03.9460.40BDA
  -  03.9460.14BDA  
Mains Dimming
  -  03.9460.40ANI
  -  03.9460.14ANI  
Casambi
  -  03.9460.40ACB
  -  03.9460.14ACB  
Non Dimmable
  -  03.9461.40A
  -  03.9461.14A  
Dali & Push Version
  -  03.9461.40BDA
  -  03.9461.14BDA  
Mains Dimming
  -  03.9461.40ANI
  -  03.9461.14ANI  
Casambi
  -  03.9461.40ACB
  -  03.9461.14ACB  
Non Dimmable
  -  05.1750.40A
  -  05.1750.14A  
Dali & Push Version
  -  05.1750.40BDA
  -  05.1750.14BDA  
Mains Dimming
  -  05.1750.40ANI
  -  05.1750.14ANI  
Casambi
  -  05.1750.40ACB
  -  05.1750.14ACB  
Non Dimmable
  -  05.1751.40A
  -  05.1751.14A  
Dali & Push Version
  -  05.1751.40BDA
  -  05.1751.14BDA  
Mains Dimming
  -  05.1751.40ANI
  -  05.1751.14ANI  
Casambi
  -  05.1751.40ACB
  -  05.1751.14ACB  
Non Dimmable
  -  05.1752.40A
  -  05.1752.14A  
Dali & Push Version
  -  05.1752.40BDA
  -  05.1752.14BDA  
Mains Dimming
  -  05.1752.40ANI
  -  05.1752.14ANI  
Casambi
  -  05.1752.40ACB
  -  05.1752.14ACB



## Optic Medium 3000K

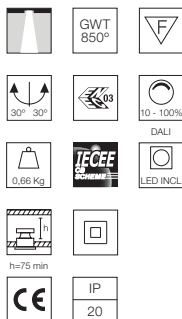
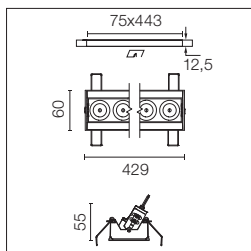
- E I Non Dimmable
-  03.9470.40A
  -  03.9470.14A  
Dali & Push Version
  -  03.9470.40BDA
  -  03.9470.14BDA  
Mains Dimming
  -  03.9470.40ANI
  -  03.9470.14ANI  
Casambi
  -  03.9470.40ACB
  -  03.9470.14ACB  
Non Dimmable
  -  03.9471.40A
  -  03.9471.14A  
Dali & Push Version
  -  03.9471.40BDA
  -  03.9471.14BDA  
Mains Dimming
  -  03.9471.40ANI
  -  03.9471.14ANI  
Casambi
  -  03.9471.40ACB
  -  03.9471.14ACB  
Non Dimmable
  -  05.1755.40A
  -  05.1755.14A  
Dali & Push Version
  -  05.1755.40BDA
  -  05.1755.14BDA  
Mains Dimming
  -  05.1755.40ANI
  -  05.1755.14ANI  
Casambi
  -  05.1755.40ACB
  -  05.1755.14ACB  
Non Dimmable
  -  05.1756.40A
  -  05.1756.14A  
Dali & Push Version
  -  05.1756.40BDA
  -  05.1756.14BDA  
Mains Dimming
  -  05.1756.40ANI
  -  05.1756.14ANI  
Casambi
  -  05.1756.40ACB
  -  05.1756.14ACB  
Non Dimmable
  -  05.1757.40A
  -  05.1757.14A  
Dali & Push Version
  -  05.1757.40BDA
  -  05.1757.14BDA  
Mains Dimming
  -  05.1757.40ANI
  -  05.1757.14ANI  
Casambi
  -  05.1757.40ACB
  -  05.1757.14ACB



# LIGHT SHADOW

## Light Shadow Adjustable No Trim 12 Spots

**Light Source:** Power LED DC 900 mA 32,4W - 3240 lm - 2700K/CRI 90 / 32,4W - 3420 lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 750 mA 28W - 2710 lm - 2700K/CRI 90 / 28W - 2860 lm - 3000K/CRI 90



Apparecchio per illuminazione da incasso con 12 spot LED. Alimentazione remota inclusa (220-240V). Necessaria cornice di pre-installazione, da ordinare separatamente.

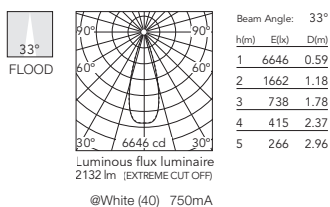
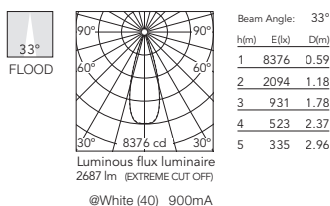
Recessed integrated luminaire with 12 LED lighting spots. Remote power supply included (220-240V). It requires a pre-installation frame, to be ordered separately.

E= Finitura Esterna  
 I= Finitura Interna

E= External Finish  
 I= Internal Finish

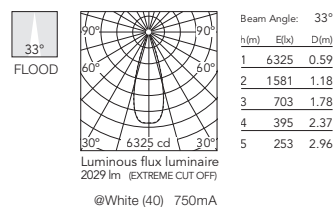
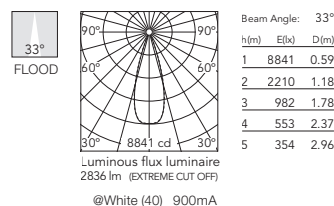
### Optic Flood 2700K

- |     |                     |
|-----|---------------------|
| E I | Non Dimmable        |
|     | 03.9465.40A         |
|     | 03.9465.14A         |
|     | Dali & Push Version |
|     | 03.9465.40BDA       |
|     | 03.9465.14BDA       |
|     | Mains Dimming       |
|     | 03.9465.40ANI       |
|     | 03.9465.14ANI       |
|     | Casambi             |
|     | 03.9465.40ACB       |
|     | 03.9465.14ACB       |
|     | Non Dimmable        |
|     | 03.9466.40A         |
|     | 03.9466.14A         |
|     | Dali & Push Version |
|     | 03.9466.40BDA       |
|     | 03.9466.14BDA       |
|     | Mains Dimming       |
|     | 03.9466.40ANI       |
|     | 03.9466.14ANI       |
|     | Casambi             |
|     | 03.9466.40ACB       |
|     | 03.9466.14ACB       |
|     | Non Dimmable        |
|     | 05.1760.40A         |
|     | 05.1760.14A         |
|     | Dali & Push Version |
|     | 05.1760.40BDA       |
|     | 05.1760.14BDA       |
|     | Mains Dimming       |
|     | 05.1760.40ANI       |
|     | 05.1760.14ANI       |
|     | Casambi             |
|     | 05.1760.40ACB       |
|     | 05.1760.14ACB       |
|     | Non Dimmable        |
|     | 05.1761.40A         |
|     | 05.1761.14A         |
|     | Dali & Push Version |
|     | 05.1761.40BDA       |
|     | 05.1761.14BDA       |
|     | Mains Dimming       |
|     | 05.1761.40ANI       |
|     | 05.1761.14ANI       |
|     | Casambi             |
|     | 05.1761.40ACB       |
|     | 05.1761.14ACB       |
|     | Non Dimmable        |
|     | 05.1762.40A         |
|     | 05.1762.14A         |
|     | Dali & Push Version |
|     | 05.1762.40BDA       |
|     | 05.1762.14BDA       |
|     | Mains Dimming       |
|     | 05.1762.40ANI       |
|     | 05.1762.14ANI       |
|     | Casambi             |
|     | 05.1762.40ACB       |
|     | 05.1762.14ACB       |



### Optic Flood 3000K

- |     |                     |
|-----|---------------------|
| E I | Non Dimmable        |
|     | 03.9475.40A         |
|     | 03.9475.14A         |
|     | Dali & Push Version |
|     | 03.9475.40BDA       |
|     | 03.9475.14BDA       |
|     | Mains Dimming       |
|     | 03.9475.40ANI       |
|     | 03.9475.14ANI       |
|     | Casambi             |
|     | 03.9475.40ACB       |
|     | 03.9475.14ACB       |
|     | Non Dimmable        |
|     | 03.9476.40A         |
|     | 03.9476.14A         |
|     | Dali & Push Version |
|     | 03.9476.40BDA       |
|     | 03.9476.14BDA       |
|     | Mains Dimming       |
|     | 03.9476.40ANI       |
|     | 03.9476.14ANI       |
|     | Casambi             |
|     | 03.9476.40ACB       |
|     | 03.9476.14ACB       |
|     | Non Dimmable        |
|     | 05.1765.40A         |
|     | 05.1765.14A         |
|     | Dali & Push Version |
|     | 05.1765.40BDA       |
|     | 05.1765.14BDA       |
|     | Mains Dimming       |
|     | 05.1765.40ANI       |
|     | 05.1765.14ANI       |
|     | Casambi             |
|     | 05.1765.40ACB       |
|     | 05.1765.14ACB       |
|     | Non Dimmable        |
|     | 05.1766.40A         |
|     | 05.1766.14A         |
|     | Dali & Push Version |
|     | 05.1766.40BDA       |
|     | 05.1766.14BDA       |
|     | Mains Dimming       |
|     | 05.1766.40ANI       |
|     | 05.1766.14ANI       |
|     | Casambi             |
|     | 05.1766.40ACB       |
|     | 05.1766.14ACB       |
|     | Non Dimmable        |
|     | 05.1767.40A         |
|     | 05.1767.14A         |
|     | Dali & Push Version |
|     | 05.1767.40BDA       |
|     | 05.1767.14BDA       |
|     | Mains Dimming       |
|     | 05.1767.40ANI       |
|     | 05.1767.14ANI       |
|     | Casambi             |
|     | 05.1767.40ACB       |
|     | 05.1767.14ACB       |



# LIGHT SHADOW

## Optic Wide Flood 2700K

E I Non Dimmable

03.7374.40A  
03.7374.14A  
Dali & Push Version

03.7374.40BDA  
03.7374.14BDA  
Mains Dimming

03.7374.40ANI  
03.7374.14ANI  
Casambi

03.7374.40ACB  
03.7374.14ACB  
Non Dimmable

03.7375.40A  
03.7375.14A  
Dali & Push Version

03.7375.40BDA  
03.7375.14BDA  
Mains Dimming

03.7375.40ANI  
03.7375.14ANI  
Casambi

03.7375.40ACB  
03.7375.14ACB  
Non Dimmable

05.1770.40A  
05.1770.14A  
Dali & Push Version

05.1770.40BDA  
05.1770.14BDA  
Mains Dimming

05.1770.40ANI  
05.1770.14ANI  
Casambi

05.1770.40ACB  
05.1770.14ACB  
Non Dimmable

05.1771.40A  
05.1771.14A  
Dali & Push Version

05.1771.40BDA  
05.1771.14BDA  
Mains Dimming

05.1771.40ANI  
05.1771.14ANI  
Casambi

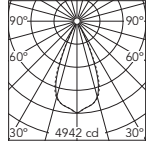
05.1771.40ACB  
05.1771.14ACB  
Non Dimmable

05.1772.40A  
05.1772.14A  
Dali & Push Version

05.1772.40BDA  
05.1772.14BDA  
Mains Dimming

05.1772.40ANI  
05.1772.14ANI  
Casambi

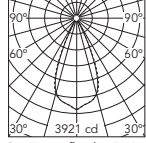
05.1772.40ACB  
05.1772.14ACB



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	4942	0.83
2	1235	1.67
3	549	2.50
4	309	3.34
5	198	4.17

Luminous flux luminaire  
2652 lm (EXTREME CUT OFF)  
@White (40) 900mA



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	3921	0.83
2	980	1.67
3	436	2.50
4	245	3.34
5	157	4.17

Luminous flux luminaire  
2104 lm (EXTREME CUT OFF)  
@White (40) 750mA

## Optic Wide Flood 3000K

E I Non Dimmable

03.7378.40A  
03.7378.14A  
Dali & Push Version

03.7378.40BDA  
03.7378.14BDA  
Mains Dimming

03.7378.40ANI  
03.7378.14ANI  
Casambi

03.7378.40ACB  
03.7378.14ACB  
Non Dimmable

03.7379.40A  
03.7379.14A  
Dali & Push Version

03.7379.40BDA  
03.7379.14BDA  
Mains Dimming

03.7379.40ANI  
03.7379.14ANI  
Casambi

03.7379.40ACB  
03.7379.14ACB  
Non Dimmable

05.1775.40A  
05.1775.14A  
Dali & Push Version

05.1775.40BDA  
05.1775.14BDA  
Mains Dimming

05.1775.40ANI  
05.1775.14ANI  
Casambi

05.1775.40ACB  
05.1775.14ACB  
Non Dimmable

05.1776.40A  
05.1776.14A  
Dali & Push Version

05.1776.40BDA  
05.1776.14BDA  
Mains Dimming

05.1776.40ANI  
05.1776.14ANI  
Casambi

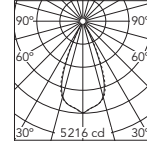
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05.1776.14ACB  
Non Dimmable

05.1777.40A  
05.1777.14A  
Dali & Push Version

05.1777.40BDA  
05.1777.14BDA  
Mains Dimming

05.1777.40ANI  
05.1777.14ANI  
Casambi

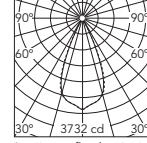
05.1777.40ACB  
05.1777.14ACB



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	5216	0.83
2	1304	1.67
3	580	2.50
4	326	3.34
5	209	4.17

Luminous flux luminaire  
2799 lm (EXTREME CUT OFF)  
@White (40) 900mA



Beam Angle: 45°

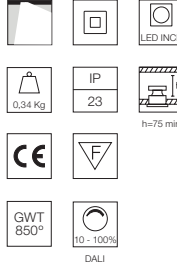
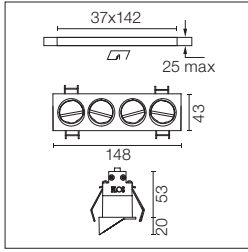
h(m)	E(lx)	D(m)
1	3732	0.83
2	933	1.67
3	415	2.50
4	233	3.34
5	149	4.17

Luminous flux luminaire  
2002 lm (EXTREME CUT OFF)  
@White (40) 750mA

# LIGHT SHADOW WALL-WASHER

## Light Shadow Wall-Washer Trim 4 Spots

**Light Source:** Power LED 1 DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90

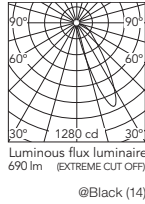


Apparecchio a incasso con 4 faretti LED. Fonte di alimentazione remota inclusa (220-240V).  
Cornice di preinstallazione non necessaria.

Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V).  
Pre-installation frame not required.

### 2700K

- 03.9901.40A
- 03.9901.14A
- Dali Version
- 03.9901.40ADA
- 03.9901.14ADA
- Mains Dimming
- 03.9901.40ANI
- 03.9901.14ANI
- Casambi
- 03.9901.40ACB
- 03.9901.14ACB

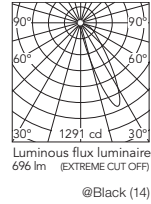


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	978	0.50
2	244	0.99
3	109	1.49
4	61	1.99
5	39	2.48

### 3000K

- 03.9900.40A
- 03.9900.14A
- Dali Version
- 03.9900.40ADA
- 03.9900.14ADA
- Mains Dimming
- 03.9900.40ANI
- 03.9900.14ANI
- Casambi
- 03.9900.40ACB
- 03.9900.14ACB

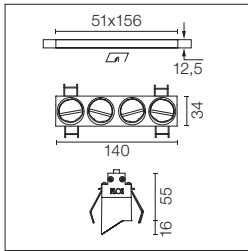


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	986	0.50
2	247	0.99
3	110	1.49
4	62	1.99
5	39	2.48

## Light Shadow Wall-Washer No Trim 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90

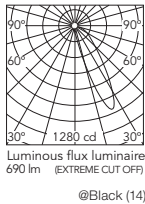


Apparecchio a incasso con 4 faretti LED. Fonte di alimentazione remota inclusa (220-240V).  
Cornice di preinstallazione necessaria, da ordinare separatamente (08.0511.00).

Recessed integrated luminaire with 4 LED lighting spots. Remote power supply included (220-240V).  
It requires a pre-installation frame, to be ordered separately (08.0511.00).

### 2700K

- 03.9903.40A
- 03.9903.14A
- Dali Version
- 03.9903.40ADA
- 03.9903.14ADA
- Mains Dimming
- 03.9903.40ANI
- 03.9903.14ANI
- Casambi
- 03.9903.40ACB
- 03.9903.14ACB

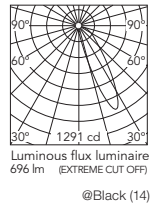


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	978	0.50
2	244	0.99
3	109	1.49
4	61	1.99
5	39	2.48

### 3000K

- 03.9902.40A
- 03.9902.14A
- Dali Version
- 03.9902.40ADA
- 03.9902.14ADA
- Mains Dimming
- 03.9902.40ANI
- 03.9902.14ANI
- Casambi
- 03.9902.40ACB
- 03.9902.14ACB




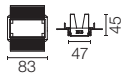

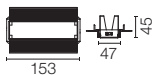




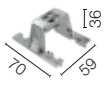
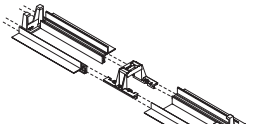
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	986	0.50
2	247	0.99
3	110	1.49
4	62	1.99
5	39	2.48


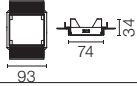

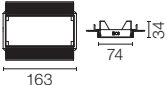

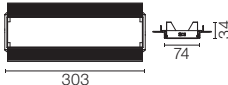



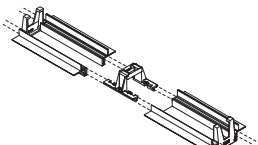
# LIGHT SHADOW

## Accessori / Accessories


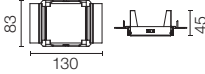

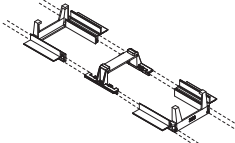
### Light Shadow Fixed & Wall-Washer No Trim

Cornice di pre-installazione.	Pre-installation frame.			2L 08.0510.00
Cornice di pre-installazione.	Pre-installation frame.			4L 08.0511.00
Cornice di pre-installazione.	Pre-installation frame.			8L 08.0512.00
Cornice di pre-installazione.	Pre-installation frame.			12L 08.0513.00
Accessorio per il montaggio No Trim, linea continua. Ciascun accessorio consente la connessione tra due cornici No Trim per la preinstallazione.	Accessory for mounting of No Trim continuous line. Each accessory allows connection between two No Trim pre-installation frames.			08.0052.90

### Light Shadow Adjustable No Trim

Cornice di pre-installazione.	Pre-installation frame.			2L 08.0515.00
Cornice di pre-installazione.	Pre-installation frame.			4L 08.0516.00
Cornice di pre-installazione.	Pre-installation frame.			8L 08.0517.00
Cornice di pre-installazione.	Pre-installation frame.			12L 08.0518.00
Accessorio per il montaggio No Trim, linea continua. Tutti gli accessori permettono di collegare due cornici lineali di installazione previa No Trim.	Accessory for mounting of No Trim continuous line. Each accessory allows connection between two No Trim pre-installation linear frames.			08.0059.90

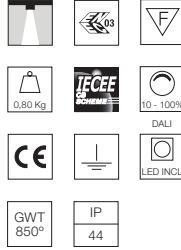
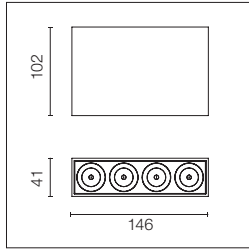
### Light Shadow Fixed No Trim Square

Cornice di pre-installazione. Tutti gli accessori permettono di collegare due cornici quadrate di installazione previa No Trim.	Pre-installation frame. Each accessory allows connection between two No Trim pre-installation square frames.			4L 08.0269.00
Accessorio per il montaggio No Trim, linea continua. Ciascun accessorio consente la connessione tra due cornici No Trim per la preinstallazione.	Accessory for mounting of No Trim continuous line. Each accessory allows connection between two No Trim pre-installation frames.			4L 08.0270.00

# LIGHT SHADOW

## Light Shadow Surface 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione di superficie con 4 spot LED. Fonte di alimentazione 220-240V incorporata.

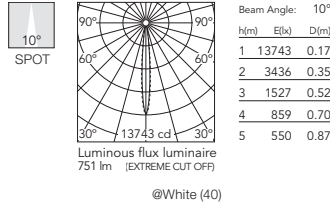
E= Finitura Esterna  
I= Finitura Interna  
B= Finitura Box

Surface luminaire with 4 LED lighting spots. Power source 220-240V incorporated.

E= External Finish  
I= Internal Finish  
B= Box Finish

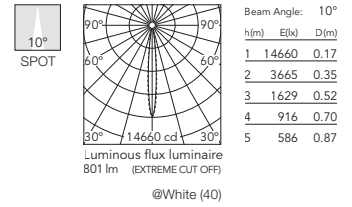
### Optic Spot 2700K

B	E	I	Product Code
□	□	□	03.8956.40A
□	□	■	03.8956.14A
□	■	□	03.8957.40A
□	■	■	03.8957.14A
□	■	■	05.2102.40A
□	■	■	05.2103.40A
Dali Version			
□	□	□	03.8956.40ADA
□	□	■	03.8956.14ADA
□	■	□	03.8957.40ADA
□	■	■	03.8957.14ADA
□	■	■	05.2102.40ADA
□	■	■	05.2103.40ADA



### Optic Spot 3000K

B	E	I	Product Code
□	□	□	03.8960.40A
□	□	■	03.8960.14A
□	■	□	03.8961.40A
□	■	■	03.8961.14A
□	■	■	05.2107.40A
□	■	■	05.2108.40A
Dali Version			
□	□	□	03.8960.40ADA
□	□	■	03.8960.14ADA
□	■	□	03.8961.40ADA
□	■	■	03.8961.14ADA
□	■	■	05.2107.40ADA
□	■	■	05.2108.40ADA



B	E	I	Product Code
■	□	□	03.8965.14A
■	□	■	03.8965.40A
■	■	□	03.8964.14A
■	■	■	03.8964.40A
■	■	■	05.2142.14A
■	■	■	05.2143.14A
Dali Version			
■	□	□	03.8965.14ADA
■	□	■	03.8965.40ADA
■	■	□	03.8964.14ADA
■	■	■	03.8964.40ADA
■	■	■	05.2142.14ADA
■	■	■	05.2143.14ADA

B	E	I	Product Code
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■	□	■	03.8969.40A
■	■	□	03.8968.14A
■	■	■	03.8968.40A
■	■	■	05.2147.14A
■	■	■	05.2148.14A
Dali Version			
■	□	□	03.8969.14ADA
■	□	■	03.8969.40ADA
■	■	□	03.8968.14ADA
■	■	■	03.8968.40ADA
■	■	■	05.2147.14ADA
■	■	■	05.2148.14ADA

B	E	I	Product Code
■	■	□	05.2300.14A
■	■	■	05.2301.14A
Dali Version			
■	■	□	05.2300.14ADA
■	■	■	05.2301.14ADA

B	E	I	Product Code
■	■	□	05.2305.14A
■	■	■	05.2306.14A
Dali Version			
■	■	□	05.2305.14ADA
■	■	■	05.2306.14ADA

B	E	I	Product Code
■	■	□	05.2340.14A
■	■	■	05.2341.14A
Dali Version			
■	■	□	05.2340.14ADA
■	■	■	05.2341.14ADA

B	E	I	Product Code
■	■	□	05.2345.14A
■	■	■	05.2346.14A
Dali Version			
■	■	□	05.2345.14ADA
■	■	■	05.2346.14ADA

B	E	I	Product Code
■	■	□	05.2200.14A
■	■	■	05.2201.14A
Dali Version			
■	■	□	05.2200.14ADA
■	■	■	05.2201.14ADA

B	E	I	Product Code
■	■	□	05.2205.14A
■	■	■	05.2206.14A
Dali Version			
■	■	□	05.2205.14ADA
■	■	■	05.2206.14ADA

B	E	I	Product Code
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Dali Version			
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■	■	■	05.2241.14ADA

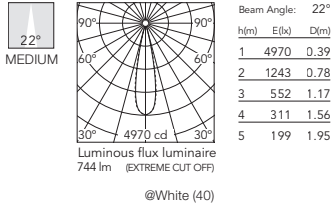
B	E	I	Product Code
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Dali Version			
■	■	□	05.2245.14ADA
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# LIGHT SHADOW

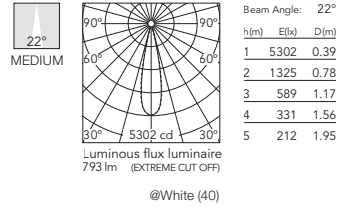
## Optic Medium 2700K

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			03.9720.14A
			03.9721.40A
			03.9721.14A
			05.2112.40A
			05.2113.40A
			Dali Version
			03.9720.40ADA
			03.9720.14ADA
			03.9721.40ADA
			03.9721.14ADA
			05.2112.40ADA
			05.2113.40ADA



## Optic Medium 3000K

B	E	I	Non Dimmable
			03.9730.40A
			03.9730.14A
			03.9731.40A
			03.9731.14A
			05.2117.40A
			05.2118.40A
			Dali Version
			03.9730.40ADA
			03.9730.14ADA
			03.9731.40ADA
			03.9731.14ADA
			05.2117.40ADA
			05.2118.40ADA



	Non Dimmable
	03.9821.14A
	03.9821.40A
	03.9820.14A
	03.9820.40A
	05.2152.14A
	05.2153.14A
	Dali Version
	03.9821.14ADA
	03.9821.40ADA
	03.9820.14ADA
	03.9820.40ADA
	05.2152.14ADA
	05.2153.14ADA

	Non Dimmable
	03.9831.14A
	03.9831.40A
	03.9830.14A
	03.9830.40A
	05.2157.14A
	05.2158.14A
	Dali Version
	03.9831.14ADA
	03.9831.40ADA
	03.9830.14ADA
	03.9830.40ADA
	05.2157.14ADA
	05.2158.14ADA

	Non Dimmable
	05.2310.14A
	05.2311.14A
	Dali Version
	05.2310.14ADA
	05.2311.14ADA

	Non Dimmable
	05.2315.14A
	05.2316.14A
	Dali Version
	05.2315.14ADA
	05.2316.14ADA

	Non Dimmable
	05.2350.14A
	05.2351.14A
	Dali Version
	05.2350.14ADA
	05.2351.14ADA

	Non Dimmable
	05.2355.14A
	05.2356.14A
	Dali Version
	05.2355.14ADA
	05.2356.14ADA

	Non Dimmable
	05.2210.14A
	05.2211.14A
	Dali Version
	05.2210.14ADA
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	Dali Version
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	05.2216.14ADA

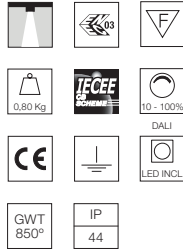
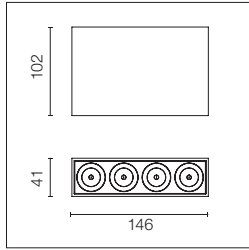
	Non Dimmable
	05.2250.14A
	05.2251.14A
	Dali Version
	05.2250.14ADA
	05.2251.14ADA

	Non Dimmable
	05.2255.14A
	05.2256.14A
	Dali Version
	05.2255.14ADA
	05.2256.14ADA

# LIGHT SHADOW

## Light Shadow Surface 4 Spots

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90



Apparecchio per illuminazione di superficie con 4 spot LED. Fonte di alimentazione 220-240V incorporata.

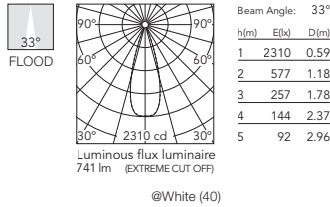
E= Finitura Esterna  
I= Finitura Interna  
B= Finitura Box

Surface luminaire with 4 LED lighting spots. Power source 220-240V incorporated.

E= External Finish  
I= Internal Finish  
B= Box Finish

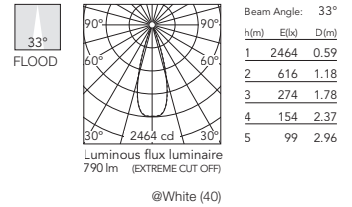
### Optic Flood 2700K

B	E	I	Product Code
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□	□	■	03.9725.14A
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□	■	■	03.9726.14A
■	□	□	05.2122.40A
■	□	■	05.2123.40A
■	■	□	Dali Version
■	■	■	03.9725.40ADA
■	■	■	03.9725.14ADA
■	■	■	03.9726.40ADA
■	■	■	03.9726.14ADA
■	■	■	05.2122.40ADA
■	■	■	05.2123.40ADA



### Optic Flood 3000K

B	E	I	Product Code
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□	□	■	03.9735.14A
□	■	□	03.9736.40A
□	■	■	03.9736.14A
■	□	□	05.2127.40A
■	□	■	05.2128.40A
■	■	□	Dali Version
■	■	■	03.9735.40ADA
■	■	■	03.9735.14ADA
■	■	■	03.9736.40ADA
■	■	■	03.9736.14ADA
■	■	■	05.2127.40ADA
■	■	■	05.2128.40ADA



B	E	I	Product Code
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■	□	■	03.9826.40A
■	■	□	03.9825.14A
■	■	■	03.9825.40A
■	■	■	05.2162.14A
■	■	■	05.2163.14A
■	■	■	Dali Version
■	■	■	03.9826.14ADA
■	■	■	03.9826.40ADA
■	■	■	03.9825.14ADA
■	■	■	03.9825.40ADA
■	■	■	05.2162.14ADA
■	■	■	05.2163.14ADA

B	E	I	Product Code
■	□	□	03.9836.14A
■	□	■	03.9836.40A
■	■	□	03.9835.14A
■	■	■	03.9835.40A
■	■	■	05.2167.14A
■	■	■	05.2168.14A
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■	■	■	03.9836.14ADA
■	■	■	03.9836.40ADA
■	■	■	03.9835.14ADA
■	■	■	03.9835.40ADA
■	■	■	05.2167.14ADA
■	■	■	05.2168.14ADA

B	E	I	Product Code
■	■	□	05.2320.14A
■	■	■	05.2321.14A
■	■	■	Dali Version
■	■	■	05.2320.14ADA
■	■	■	05.2321.14ADA

B	E	I	Product Code
■	■	□	05.2325.14A
■	■	■	05.2326.14A
■	■	■	Dali Version
■	■	■	05.2325.14ADA
■	■	■	05.2326.14ADA

B	E	I	Product Code
■	■	□	05.2360.14A
■	■	■	05.2361.14A
■	■	■	Dali Version
■	■	■	05.2360.14ADA
■	■	■	05.2361.14ADA

B	E	I	Product Code
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■	■	■	05.2366.14A
■	■	■	Dali Version
■	■	■	05.2365.14ADA
■	■	■	05.2366.14ADA

B	E	I	Product Code
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■	■	■	05.2221.14A
■	■	■	Dali Version
■	■	■	05.2220.14ADA
■	■	■	05.2221.14ADA

B	E	I	Product Code
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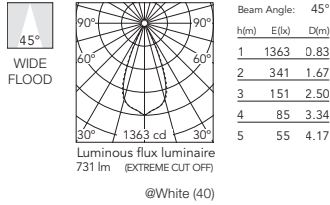
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■	■	■	05.2261.14A
■	■	■	Dali Version
■	■	■	05.2260.14ADA
■	■	■	05.2261.14ADA

B	E	I	Product Code
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■	■	■	05.2266.14A
■	■	■	Dali Version
■	■	■	05.2265.14ADA
■	■	■	05.2266.14ADA

# LIGHT SHADOW

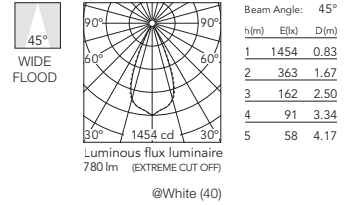
## Optic Wide Flood 2700K

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			03.9760.14A
			03.9761.40A
			03.9761.14A
			05.2132.40A
			05.2133.40A
			Dali Version
			03.9760.40ADA
			03.9760.14ADA
			03.9761.40ADA
			03.9761.14ADA
			05.2132.40ADA
			05.2133.40ADA



## Optic Wide Flood 3000K

B	E	I	Non Dimmable
			03.9764.40A
			03.9764.14A
			03.9765.40A
			03.9765.14A
			05.2137.40A
			05.2138.40A
			Dali Version
			03.9764.40ADA
			03.9764.14ADA
			03.9765.40ADA
			03.9765.14ADA
			05.2137.40ADA
			05.2138.40ADA



	Non Dimmable
	03.9861.14A
	03.9861.40A
	03.9860.14A
	03.9860.40A
	05.2172.14A
	05.2173.14A
	Dali Version
	03.9861.14ADA
	03.9861.40ADA
	03.9860.14ADA
	03.9860.40ADA
	05.2172.14ADA
	05.2173.14ADA

	Non Dimmable
	03.9865.14A
	03.9865.40A
	03.9864.14A
	03.9864.40A
	05.2177.14A
	05.2178.14A
	Dali Version
	03.9865.14ADA
	03.9865.40ADA
	03.9864.14ADA
	03.9864.40ADA
	05.2177.14ADA
	05.2178.14ADA

	Non Dimmable
	05.2330.14A
	05.2331.14A
	Dali Version
	05.2330.14ADA
	05.2331.14ADA

	Non Dimmable
	05.2335.14A
	05.2336.14A
	Dali Version
	05.2335.14ADA
	05.2336.14ADA

	Non Dimmable
	05.2370.14A
	05.2371.14A
	Dali Version
	05.2370.14ADA
	05.2371.14ADA

	Non Dimmable
	05.2375.14A
	05.2376.14A
	Dali Version
	05.2375.14ADA
	05.2376.14ADA

	Non Dimmable
	05.2230.14A
	05.2231.14A
	Dali Version
	05.2230.14ADA
	05.2231.14ADA

	Non Dimmable
	05.2235.14A
	05.2236.14A
	Dali Version
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	05.2236.14ADA

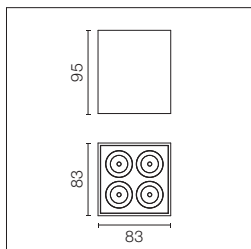
	Non Dimmable
	05.2270.14A
	05.2271.14A
	Dali Version
	05.2270.14ADA
	05.2271.14ADA

	Non Dimmable
	05.2275.14A
	05.2276.14A
	Dali Version
	05.2275.14ADA
	05.2276.14ADA

# LIGHT SHADOW

## Light Shadow Surface 4 Spots Square

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 700 mA 9W - 825 lm - 2700K/CRI 90 / 9W - 840 lm - 3000K/CRI 90



Apparecchio per illuminazione di superficie con 4 spot LED.  
 Fonte di alimentazione 220-240V incorporata.

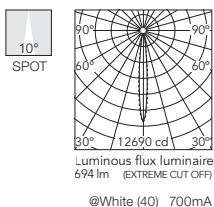
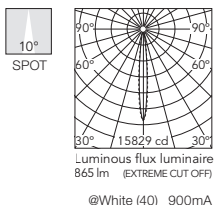
E= Finitura Esterna  
 I= Finitura Interna  
 B= Finitura Box

Surface luminaire with 4 LED lighting spots. Power source 220-240V incorporated.

E= External Finish  
 I= Internal Finish  
 B= Box Finish

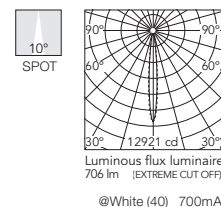
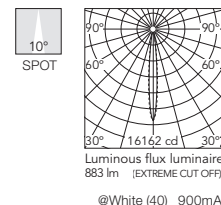
### Optic Spot 2700K

B	E	I	Non Dimmable
05.0700.40			
05.0700.14			
05.0701.40			
05.0701.14			
05.0702.40			
05.0703.40			
Dali Version			
05.0700.40.DA			
05.0700.14.DA			
05.0701.40.DA			
05.0701.14.DA			
05.0702.40.DA			
05.0703.40.DA			
Mains Dimming			
05.0700.40.NI			
05.0700.14.NI			
05.0701.40.NI			
05.0701.14.NI			
05.0702.40.NI			
05.0703.40.NI			



### Optic Spot 3000K

B	E	I	Non Dimmable
05.0705.40			
05.0705.14			
05.0706.40			
05.0706.14			
05.0707.40			
05.0708.40			
Dali Version			
05.0705.40.DA			
05.0705.14.DA			
05.0706.40.DA			
05.0706.14.DA			
05.0707.40.DA			
05.0708.40.DA			
Mains Dimming			
05.0705.40.NI			
05.0705.14.NI			
05.0706.40.NI			
05.0706.14.NI			
05.0707.40.NI			
05.0708.40.NI			



Non Dimmable			
05.0741.14			
05.0741.40			
05.0740.14			
05.0740.40			
05.0742.14			
05.0743.14			
Dali Version			
05.0741.14.DA			
05.0741.40.DA			
05.0740.14.DA			
05.0740.40.DA			
05.0742.14.DA			
05.0743.14.DA			
Mains Dimming			
05.0741.14.NI			
05.0741.40.NI			
05.0740.14.NI			
05.0740.40.NI			
05.0742.14.NI			
05.0743.14.NI			

Non Dimmable			
05.0746.14			
05.0746.40			
05.0745.14			
05.0745.40			
05.0747.14			
05.0748.14			
Dali Version			
05.0746.14.DA			
05.0746.40.DA			
05.0745.14.DA			
05.0745.40.DA			
05.0747.14.DA			
05.0748.14.DA			
Mains Dimming			
05.0746.14.NI			
05.0746.40.NI			
05.0745.14.NI			
05.0745.40.NI			
05.0747.14.NI			
05.0748.14.NI			

Non Dimmable			
05.0900.14			
05.0901.14			
Dali Version			
05.0900.14.DA			
05.0901.14.DA			
Mains Dimming			
05.0900.14.NI			
05.0901.14.NI			

B	E	I	Non Dimmable
05.0800.14			
05.0801.14			
Dali Version			
05.0800.14.DA			
05.0801.14.DA			
Mains Dimming			
05.0800.14.NI			
05.0801.14.NI			

Non Dimmable			
05.0905.14			
05.0906.14			
Dali Version			
05.0905.14.DA			
05.0906.14.DA			
Mains Dimming			
05.0905.14.NI			
05.0906.14.NI			

B	E	I	Non Dimmable
05.0805.14			
05.0806.14			
Dali Version			
05.0805.14.DA			
05.0806.14.DA			
Mains Dimming			
05.0805.14.NI			
05.0806.14.NI			

Non Dimmable			
05.0940.14			
05.0941.14			
Dali Version			
05.0940.14.DA			
05.0941.14.DA			
Mains Dimming			
05.0940.14.NI			
05.0941.14.NI			

Non Dimmable			
05.0840.14			
05.0841.14			
Dali Version			
05.0840.14.DA			
05.0841.14.DA			
Mains Dimming			
05.0840.14.NI			
05.0841.14.NI			

Non Dimmable			
05.0945.14			
05.0946.14			
Dali Version			
05.0945.14.DA			
05.0946.14.DA			
Mains Dimming			
05.0945.14.NI			
05.0946.14.NI			

Non Dimmable			
05.0845.14			
05.0846.14			
Dali Version			
05.0845.14.DA			
05.0846.14.DA			
Mains Dimming			
05.0845.14.NI			
05.0846.14.NI			

# LIGHT SHADOW

## Optic Medium 2700K

Non Dimmable

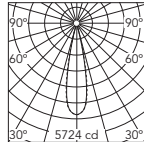
B	E	I
05.0710.40		
05.0710.14		
05.0711.40		
05.0711.14		
05.0712.40		
05.0713.40		

Dali Version

05.0710.40.DA
05.0710.14.DA
05.0711.40.DA
05.0711.14.DA
05.0712.40.DA
05.0713.40.DA

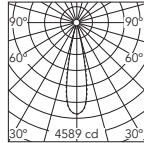
Mains Dimming

05.0710.40.NI
05.0710.14.NI
05.0711.40.NI
05.0711.14.NI
05.0712.40.NI
05.0713.40.NI



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5724	0.39
2	1431	0.78
3	636	1.17
4	358	1.56
5	229	1.95



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4589	0.39
2	1147	0.78
3	510	1.17
4	287	1.56
5	184	1.95

Non Dimmable

05.0751.14
05.0751.40
05.0750.14
05.0750.40
05.0752.14
05.0753.14

Dali Version

05.0751.14.DA
05.0751.40.DA
05.0750.14.DA
05.0750.40.DA
05.0752.14.DA
05.0753.14.DA

Mains Dimming

05.0751.14.NI
05.0751.40.NI
05.0750.14.NI
05.0750.40.NI
05.0752.14.NI
05.0753.14.NI

Non Dimmable

05.0910.14
05.0911.14

Dali Version

05.0910.14.DA
05.0911.14.DA

Mains Dimming

05.0910.14.NI
05.0911.14.NI

Non Dimmable

05.0810.14
05.0811.14

Dali Version

05.0810.14.DA
05.0811.14.DA

Mains Dimming

05.0810.14.NI
05.0811.14.NI

Non Dimmable

05.0850.14
05.0851.14

Dali Version

05.0850.14.DA
05.0851.14.DA

Mains Dimming

05.0850.14.NI
05.0851.14.NI

## Optic Medium 3000K

Non Dimmable

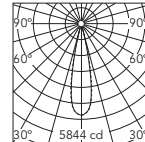
B	E	I
05.0715.40		
05.0715.14		
05.0716.40		
05.0716.14		
05.0717.40		
05.0718.40		

Dali Version

05.0715.40.DA
05.0715.14.DA
05.0716.40.DA
05.0716.14.DA
05.0717.40.DA
05.0718.40.DA

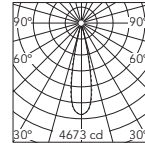
Mains Dimming

05.0715.40.NI
05.0715.14.NI
05.0716.40.NI
05.0716.14.NI
05.0717.40.NI
05.0718.40.NI



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	5844	0.39
2	1461	0.78
3	650	1.17
4	365	1.56
5	233	1.95



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	4673	0.39
2	1168	0.78
3	519	1.17
4	292	1.56
5	187	1.95

Non Dimmable

05.0756.14
05.0756.40
05.0755.14
05.0755.40
05.0757.14
05.0758.14

Dali Version

05.0756.14.DA
05.0756.40.DA
05.0755.14.DA
05.0755.40.DA
05.0757.14.DA
05.0758.14.DA

Mains Dimming

05.0756.14.NI
05.0756.40.NI
05.0755.14.NI
05.0755.40.NI
05.0757.14.NI
05.0758.14.NI

Non Dimmable

05.0915.14
05.0916.14

Dali Version

05.0915.14.DA
05.0916.14.DA

Mains Dimming

05.0915.14.NI
05.0916.14.NI

Non Dimmable

05.0815.14
05.0816.14

Dali Version

05.0815.14.DA
05.0816.14.DA

Mains Dimming

05.0815.14.NI
05.0816.14.NI

Non Dimmable

05.0855.14
05.0856.14

Dali Version

05.0855.14.DA
05.0856.14.DA

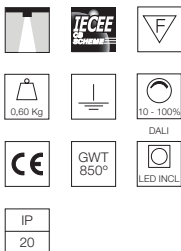
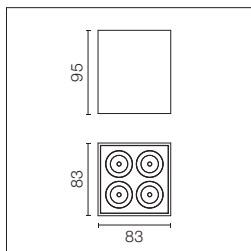
Mains Dimming

05.0855.14.NI
05.0856.14.NI

# LIGHT SHADOW

## Light Shadow Surface 4 Spots Square

**Light Source:** Power LED DC 900 mA 10,8W - 1080 lm - 2700K/CRI 90 / 10,8W - 1140lm - 3000K/CRI 90  
 Mains dimming: Power LED DC 700 mA 9W - 825 lm - 2700K/CRI 90 / 9W - 840 lm - 3000K/CRI 90



Apparecchio per illuminazione di superficie con 4 spot LED.  
 Fonte di alimentazione 220-240V incorporata.

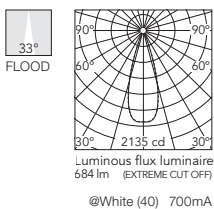
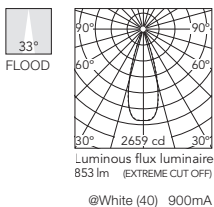
E= Finitura Esterna  
 I= Finitura Interna  
 B= Finitura Box

Surface luminaire with 4 LED lighting spots. Power source 220-240V incorporated.

E= External Finish  
 I= Internal Finish  
 B= Box Finish

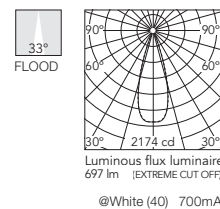
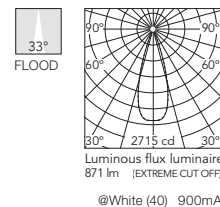
### Optic Flood 2700K

B	E	I	Non Dimmable
05.0720.40			
05.0720.14			
05.0721.40			
05.0721.14			
05.0722.40			
05.0723.40			
Dali Version			
05.0720.40.DA			
05.0720.14.DA			
05.0721.40.DA			
05.0721.14.DA			
05.0722.40.DA			
05.0723.40.DA			
Mains Dimming			
05.0720.40.NI			
05.0720.14.NI			
05.0721.40.NI			
05.0721.14.NI			
05.0722.40.NI			
05.0723.40.NI			



### Optic Flood 3000K

B	E	I	Non Dimmable
05.0725.40			
05.0725.14			
05.0726.40			
05.0726.14			
05.0727.40			
05.0728.40			
Dali Version			
05.0725.40.DA			
05.0725.14.DA			
05.0726.40.DA			
05.0726.14.DA			
05.0727.40.DA			
05.0728.40.DA			
Mains Dimming			
05.0725.40.NI			
05.0725.14.NI			
05.0726.40.NI			
05.0726.14.NI			
05.0727.40.NI			
05.0728.40.NI			



Non Dimmable		
05.0761.14		
05.0761.40		
05.0760.14		
05.0760.40		
05.0762.14		
05.0763.14		
Dali Version		
05.0761.14.DA		
05.0761.40.DA		
05.0760.14.DA		
05.0760.40.DA		
05.0762.14.DA		
05.0763.14.DA		
Mains Dimming		
05.0761.14.NI		
05.0761.40.NI		
05.0760.14.NI		
05.0760.40.NI		
05.0762.14.NI		
05.0763.14.NI		

Non Dimmable		
05.0766.14		
05.0766.40		
05.0765.14		
05.0765.40		
05.0767.14		
05.0768.14		
Dali Version		
05.0766.14.DA		
05.0766.40.DA		
05.0765.14.DA		
05.0765.40.DA		
05.0767.14.DA		
05.0768.14.DA		
Mains Dimming		
05.0766.14.NI		
05.0766.40.NI		
05.0765.14.NI		
05.0765.40.NI		
05.0767.14.NI		
05.0768.14.NI		

Non Dimmable		
05.0920.14		
05.0921.14		
Dali Version		
05.0920.14.DA		
05.0921.14.DA		
Mains Dimming		
05.0920.14.NI		
05.0921.14.NI		

B	E	I	Non Dimmable
05.0820.14			
05.0821.14			
Dali Version			
05.0820.14.DA			
05.0821.14.DA			
Mains Dimming			
05.0820.14.NI			
05.0821.14.NI			

Non Dimmable		
05.0925.14		
05.0926.14		
Dali Version		
05.0925.14.DA		
05.0926.14.DA		
Mains Dimming		
05.0925.14.NI		
05.0926.14.NI		

B	E	I	Non Dimmable
05.0825.14			
05.0826.14			
Dali Version			
05.0825.14.DA			
05.0826.14.DA			
Mains Dimming			
05.0825.14.NI			
05.0826.14.NI			

Non Dimmable		
05.0960.14		
05.0961.14		
Dali Version		
05.0960.14.DA		
05.0961.14.DA		
Mains Dimming		
05.0960.14.NI		
05.0961.14.NI		

Non Dimmable		
05.0860.14		
05.0861.14		
Dali Version		
05.0860.14.DA		
05.0861.14.DA		
Mains Dimming		
05.0860.14.NI		
05.0861.14.NI		

Non Dimmable		
05.0965.14		
05.0966.14		
Dali Version		
05.0965.14.DA		
05.0966.14.DA		
Mains Dimming		
05.0965.14.NI		
05.0966.14.NI		

Non Dimmable		
05.0865.14		
05.0866.14		
Dali Version		
05.0865.14.DA		
05.0866.14.DA		
Mains Dimming		
05.0865.14.NI		
05.0866.14.NI		

# LIGHT SHADOW

## Optic Wide Flood 2700K

Non Dimmable

B	E	I
05.0730.40		
05.0730.14		
05.0731.40		
05.0731.14		
05.0732.40		
05.0733.40		

Dali Version

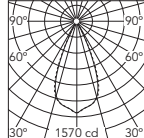
05.0730.40.DA
05.0730.14.DA
05.0731.40.DA
05.0731.14.DA
05.0732.40.DA
05.0733.40.DA

Mains Dimming

05.0730.40.NI
05.0730.14.NI
05.0731.40.NI
05.0731.14.NI
05.0732.40.NI
05.0733.40.NI



WIDE FLOOD



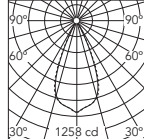
Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1570	0.83
2	392	1.67
3	174	2.50
4	98	3.34
5	63	4.17

Luminous flux luminaire 842 lm (EXTREME CUT OFF)  
@White (40) 900mA



WIDE FLOOD



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1258	0.83
2	315	1.67
3	140	2.50
4	79	3.34
5	50	4.17

Luminous flux luminaire 675 lm (EXTREME CUT OFF)  
@White (40) 700mA

## Optic Wide Flood 3000K

Non Dimmable

B	E	I
05.0735.40		
05.0735.14		
05.0736.40		
05.0736.14		
05.0737.40		
05.0738.40		

Dali Version

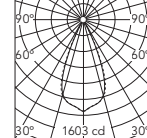
05.0735.40.DA
05.0735.14.DA
05.0736.40.DA
05.0736.14.DA
05.0737.40.DA
05.0738.40.DA

Mains Dimming

05.0735.40.NI
05.0735.14.NI
05.0736.40.NI
05.0736.14.NI
05.0737.40.NI
05.0738.40.NI



WIDE FLOOD



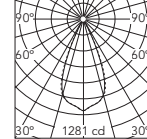
Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1603	0.83
2	401	1.67
3	178	2.50
4	100	3.34
5	64	4.17

Luminous flux luminaire 860 lm (EXTREME CUT OFF)  
@White (40) 900mA



WIDE FLOOD



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	1281	0.83
2	320	1.67
3	142	2.50
4	80	3.34
5	51	4.17

Luminous flux luminaire 688 lm (EXTREME CUT OFF)  
@White (40) 700mA

Non Dimmable

05.0771.14
05.0771.40
05.0770.14
05.0770.40
05.0772.14
05.0773.14

Dali Version

05.0771.14.DA
05.0771.40.DA
05.0770.14.DA
05.0770.40.DA
05.0772.14.DA
05.0773.14.DA

Mains Dimming

05.0771.14.NI
05.0771.40.NI
05.0770.14.NI
05.0770.40.NI
05.0772.14.NI
05.0773.14.NI

Non Dimmable

05.0776.14
05.0776.40
05.0775.14
05.0775.40
05.0777.14
05.0778.14

Dali Version

05.0776.14.DA
05.0776.40.DA
05.0775.14.DA
05.0775.40.DA
05.0777.14.DA
05.0778.14.DA

Mains Dimming

05.0776.14.NI
05.0776.40.NI
05.0775.14.NI
05.0775.40.NI
05.0777.14.NI
05.0778.14.NI

Non Dimmable

05.0930.14
05.0931.14

Dali Version

05.0930.14.DA
05.0931.14.DA

Mains Dimming

05.0930.14.NI
05.0931.14.NI

Non Dimmable

05.0935.14
05.0936.14

Dali Version

05.0935.14.DA
05.0936.14.DA

Mains Dimming

05.0935.14.NI
05.0936.14.NI

Non Dimmable

05.0970.14
05.0971.14

Dali Version

05.0970.14.DA
05.0971.14.DA

Mains Dimming

05.0970.14.NI
05.0971.14.NI

Non Dimmable

05.0975.14
05.0976.14

Dali Version

05.0975.14.DA
05.0976.14.DA

Mains Dimming

05.0975.14.NI
05.0976.14.NI

Non Dimmable

05.0870.14
05.0871.14

Dali Version

05.0870.14.DA
05.0871.14.DA

Mains Dimming

05.0870.14.NI
05.0871.14.NI

Non Dimmable

05.0835.14
05.0836.14

Dali Version

05.0835.14.DA
05.0836.14.DA

Mains Dimming

05.0835.14.NI
05.0836.14.NI

# LIGHT SHADOW PRO&DOTS

DESIGNED BY FLOS ARCHITECTURAL

PRO Ø90  
NO TRIM  
WALL-WASHER

PRO Ø90  
NO TRIM  
FIXED /  
ADJUSTABLE

PRO Ø60  
NO TRIM  
FIXED /  
ADJUSTABLE

PRO Ø45  
NO TRIM  
FIXED / PUSH

DOTS Ø30  
NO TRIM  
FIXED / PUSH

PRO Ø90  
TRIM  
WALL-WASHER

PRO Ø90  
TRIM  
FIXED /  
ADJUSTABLE

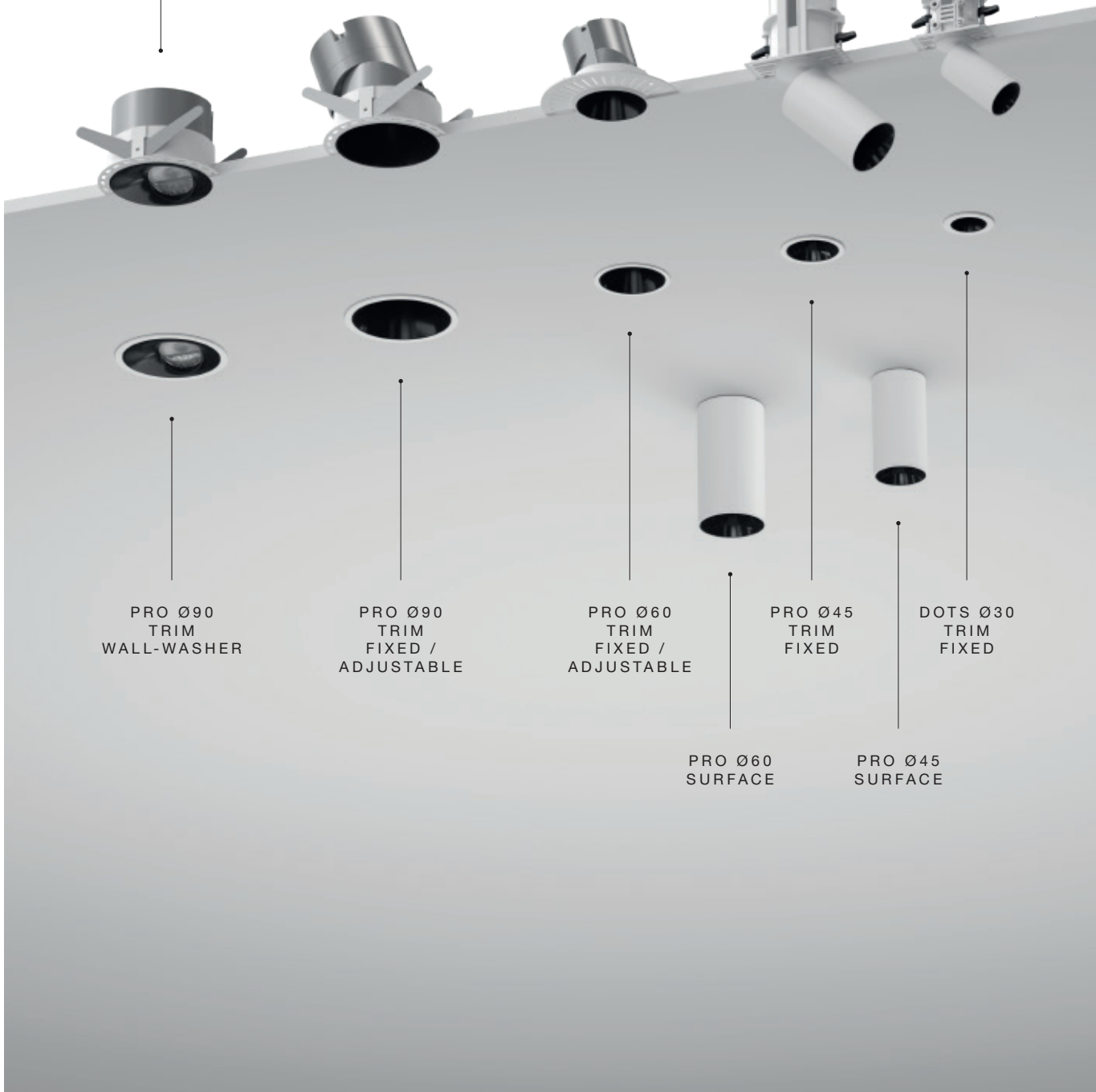
PRO Ø60  
TRIM  
FIXED /  
ADJUSTABLE

PRO Ø45  
TRIM  
FIXED

DOTS Ø30  
TRIM  
FIXED

PRO Ø60  
SURFACE

PRO Ø45  
SURFACE





## Descrizione

Light Shadow Pro&Dots è una famiglia di lampade da soffitto in diverse dimensioni, con possibilità d'installazione a incasso e in superficie. Le applicazioni d'illuminazione di cui dispone vanno dall'emissione downlight ai fasci di luce direzionali (adattabili e push) o asimmetrici (wall-washer). Esistono versioni a tenuta stagna dalla IP20 alla IP 45 (consultare il modello). La filosofia del disegno comune ai modelli Light Shadow Pro&Dots è ottenere il maggior comfort visuale possibile. La loro geometria è stata infatti concepita in modo che la luce rimanga totalmente nell'incassatura rispetto al piano esteriore della lampada. Questa soluzione offre a Light Shadow Pro&Dots un angolo cut-off molto ampio, impedendo l'accesso visuale diretto alla fonte luminosa. Di conseguenza, la fonte luminosa non può essere vista direttamente dal campo visivo che l'utente adotta naturalmente nello spazio a lui circostante. Inoltre, il sistema ottico avanguardista, brevettato da Flos, evita quasi completamente che la luce incida direttamente sullo schermo del prodotto, offrendo così un effetto high-comfort (soprattutto nelle lampade a cono interno negro). La lampada illumina perfettamente lo spazio, ma dandoti l'impressione di essere spenta.

## Sistema ottico

Grazie alle sue lenti ottiche, Light Shadow Pro&Dots offre una gamma di aperture del fascio luminoso che va dall'angolo molto chiuso (Super Spot) a uno estremamente aperto (Wide Flood). Consultare le possibilità d'apertura dei vari modelli.

Nel caso dei modelli Light Shadow Pro, per controllare perfettamente la distribuzione della luce sono state create delle lenti in silicone bifocali, esclusive e brevettate da Flos. Queste lenti eliminano la luce spuria e offrono un'efficienza luminosa L.O.R. (Light Output Ratio) che non ha termine di paragone, approfittando il flusso luminoso bruto del LED. Cosa che le altre tecnologie, come ad esempio riflettori o le lenti di produzione standard, non riescono a ottenere.

D'altra parte, il silicone usato per queste lenti di ultima generazione resistono perfettamente alla temperatura prodotta dal LED e sono molto resistenti al deterioramento termico e all'invecchiamento. A differenza delle altre lenti, con il passo del tempo non si degradano e non si ingialliscono (con la conseguente perdita di rendimento).

## Alimentatori

Le versioni a incasso non includono la cassa dell'alimentazione, che si deve ordinare separatamente seguendo le raccomandazioni. Consultare le dimensioni della cassa: se non entra nella cavità dell'incassatura, è necessaria un'ubicazione remota accessibile. Per i modelli che permettono solo una cassa d'alimentazione e una connessione in parallelo, consultare il quadro informativo corrispondente. Le versioni da superficie vengono con la cassa integrata.

## Sistemi di controllo

Light Shadow Pro&Dots dispone di un sistema per controllare la regolazione delle lampade con protocolli differenti. Consultare le opzioni disponibili per ogni modello e, in certi casi, le opzioni adeguate d'intensità dell'alimentazione che permettono la coincidenza dei flussi luminosi con protocolli differenti.

Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

## Accessori e installazioni

Per l'installazione individuale delle versioni da incasso di Light Shadow Pro&Dots sono necessari degli accessori (precornice), disponibili nella versione Trim e No Trim (consultare in base al modello). L'installazione ad incasso è possibile solo in soffitti di cartongesso (gesso).

Le precornici dei modelli Light Shadow Dots Fixed dispongono di opzioni No Trim per l'installazione in linea di modelli differenti. Sono perfettamente compatibili con le precornici No Trim dei modelli Push e permettono di creare "linee" di Light Shadow Dots e Push con la stessa apparenza e poste alla stessa distanza.

L'alimentazione delle lampade Light Shadow Pro ad incasso è connessa direttamente alla lampada. Nei modelli Light Shadow Dots e Push, la connessione avviene mediante la precornice d'installazione. Questa struttura è protetta con il sistema Hot Plug, che non solo permette di sostituire il prodotto con l'alimentazione accesa, ma impedisce pure la disattivazione di tutte le unità installate su un'unica precornice nel caso in cui solo una fosse difettosa.

## Conformità alla Normativa e il Marchio di Qualità

Lampade in conformità con la Normativa Tecnica Europea EN60598-1 y seconde parti.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Description

Light Shadow Pro&Dots is a family of luminaires for ceiling installation, with different sizes, also allowing recessed and surface installation. The lighting applications of Light Shadow Pro&Dots range from a downlight emission to directional (both adjustable and push) or asymmetric (wall-washer) light beams. The family has watertightness options from IP20 to IP54 (please consult models). All Light Shadow Pro&Dots share a common design philosophy: the achievement of the highest possible visual comfort. To this end, the geometry of the products has been conceived so that the light source is markedly recessed with respect to the outer plane of the luminaire. The cut-off angle of Light Shadow Pro&Dots is therefore very high, making direct visual access to the light source difficult. As a result, the origin of the light source cannot be seen directly from virtually any natural position in the field of view of the users of the room. In addition, the state-of-the-art optical system, patented by Flos, almost completely avoids the incidence of light on the product shade, which achieves the "high-comfort" effect (especially in luminaires with a black inner cone). This effect ensures that the product perfectly illuminates the space, while giving the impression that it remains switched off.

## Optical System

Thanks to its range of optical lenses, Light Shadow Pro&Dots offers a series of beam angles, from very narrow angles (Super Spot) to extremely wide ones (Wide Flood). Please consult beam angle options for each model.

For Light Shadow Pro models, Flos has developed exclusive and patented double focal silicone lenses to achieve perfect control of light distribution. These lenses eliminate stray light and achieve an unparalleled L.O.R. (Light Output Ratio) luminous efficiency. In this way, they take full advantage of the LED's raw luminous flux. This is not the case with other technologies such as reflectors or standard production lenses.

Moreover, thanks to their silicon material, these state-of-the-art lenses manage the temperature produced by the LED in an excellent way and are highly resistant to thermal and over-time deterioration. They thus avoid the degradation and yellowing (with its consequent loss of performance) that occurs over time in other types of lenses.

## Power Supply Units

Recessed versions require a power supply unit which is not included, to be ordered separately according to recommendations. Please consult the dimensions of the unit: when it does not fit through the recessing hole, an accessible remote location for the unit is required. Some models can be powered with a single unit and serial connection, please consult the corresponding information tables. The surface-mounted versions have integrated units.

Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

## Control Systems

Light Shadow Pro&Dots has control systems for dimming the luminaires under different protocols. Please consult the options available for each model and, in some cases, the appropriate power intensity options to match the luminous fluxes of products with different protocols.

## Accessories and Installation

The recessed versions of Light Shadow Pro&Dots require individual installation accessories (pre-installation frames) available in Trim and No Trim versions (depending on the models, please consult). This recessed installation method is valid only for plasterboard ceilings.

For Light Shadow Dots Fixed models, pre-installation frames include No Trim options to install several units in line. These are fully compatible with the No Trim pre-installation frames for the Push models. Thus, "lines" of Light Shadow Dots and Push can be created with the same spacing and appearance.

As for the power supply, in the recessed Light Shadow Pro the power supply is connected directly to the luminaire. In the Light Shadow Dots and Push models, the connection is made through the pre-installation frame. This pre-installation frame is protected with the Hot Plug system that allows the product to be replaced with the power on. In pre-installation frames comprising several units, it also avoids luminaires installed in the same pre-installation frame to stop working if one of them does not work.

## Standard Compliance and Quality Marks

The luminaire complies with the EN60598-1 European Technical Standards and any subsequent additions.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## LIGHT SHADOW PRO&amp;DOTS

DESIGNED BY FLOS ARCHITECTURAL

DOTS Ø30  
FIXED

**LIGHT SOURCE\***  
POWER LED  
Up to 2,7W  
222 lm  
2700K/CRI 90  
236 lm  
3000K/CRI 90  
293 lm  
4000K/CRI 90

PRO Ø45  
FIXED

**LIGHT SOURCE**  
LED ARRAY  
8,8W  
926 lm  
2700K/CRI 90  
834 lm  
3000K/CRI 90  
926 lm  
4000K/CRI 90

PRO Ø60  
FIXED

**LIGHT SOURCE\***  
LED ARRAY  
Up to 15W  
1402 lm  
2700K/CRI 90  
1427 lm  
3000K/CRI 90  
1577 lm  
4000K/CRI 90

PRO Ø90  
FIXED

**LIGHT SOURCE\***  
LED ARRAY  
Up to 22W  
2191 lm  
2700K/CRI 90  
2339 lm  
3000K/CRI 90  
2457 lm  
4000K/CRI 90

DOTS Ø30  
PUSH

**LIGHT SOURCE\***  
POWER LED  
Up to 2,7W  
270 lm  
2700K/CRI 90  
285 lm  
3000K/CRI 90  
295 lm  
4000K/CRI 90

PRO Ø45  
PUSH

**LIGHT SOURCE**  
LED ARRAY  
8,5W  
756 lm  
2700K/CRI 90  
799 lm  
3000K/CRI 90  
866 lm  
4000K/CRI 90

PRO Ø60  
ADJUSTABLE

**LIGHT SOURCE**  
LED ARRAY  
10,5W  
888 lm  
2700K/CRI 90  
923 lm  
3000K/CRI 90  
963 lm  
4000K/CRI 90

PRO Ø90  
ADJUSTABLE

**LIGHT SOURCE\***  
LED ARRAY  
Up to 18W  
1637 lm  
2700K/CRI 90  
1772 lm  
3000K/CRI 90  
1877 lm  
4000K/CRI 90

PRO Ø45  
SURFACE

**LIGHT SOURCE**  
LED ARRAY  
8,8W  
800 lm  
2700K/CRI 90  
845 lm  
3000K/CRI 90  
915 lm  
4000K/CRI 90

PRO Ø60  
SURFACE

**LIGHT SOURCE**  
LED ARRAY  
15W  
1185 lm  
2700K/CRI 90  
1275 lm  
3000K/CRI 90  
1355 lm  
4000K/CRI 90

PRO Ø90  
WALL-WASHER

**LIGHT SOURCE**  
LED ARRAY  
18W  
1593 lm  
2700K/CRI 90  
1752 lm  
3000K/CRI 90  
1867 lm  
4000K/CRI 90

\* Alcuni modelli di questo prodotto sono disponibili con diversi valori luminosi. Consultare la pagina del prodotto.

\* Certain models of this product are available with different light values. See the product page.

Rear Finish (R)

**Light Shadow Pro&Dots Push**

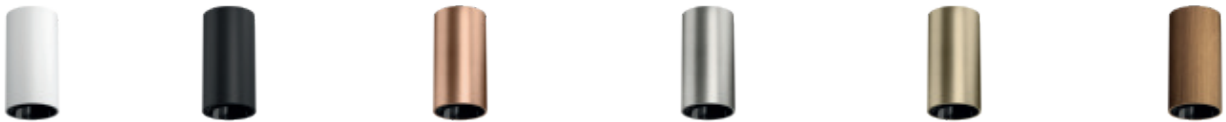
- 40 Bianco  
40 White
- 14 Nero  
14 Black



External Finish (E)

**Light Shadow Dots Push / Light Shadow Pro Push & Surface**

- 40 Bianco  
40 White
- 14 Nero  
14 Black
- EQ Rame Spazzolato  
EQ Brushed Copper
- ER Acciaio Spazzolato  
ER Brushed Steel
- ES Bronzo Spazzolato  
ES Brushed Bronze
- TK Teck  
TK Teak



Internal Finish (I)

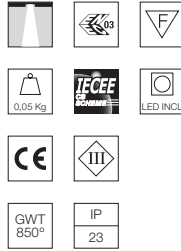
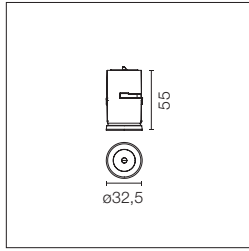
- 40 Bianco  
40 White
- 14 Nero  
14 Black
- ER Acciaio  
ER Steel
- ES Bronzo  
ES Bronze
- EQ Rame  
EQ Copper



# LIGHT SHADOW DOTS

## Light Shadow DOTS Ø30 Fixed - Single Spot Module

**Light Source:** Power LED DC 900 mA - 2,7W - 222 lm - 2700K/CRI 90 / 2,7W - 236 lm - 3000K/CRI 90 / 2,7W - 293 lm - 4000K/CRI 90  
 Set of 1 spot mains dimming. Power LED DC 750 mA - 2,3W - 222 lm - 2700K/CRI 90 / 2,3W - 235 lm - 3000K/CRI 90 / 2,3W - 256 lm - 4000K/CRI 90



Modulo di illuminazione LED, a basso abbagliamento, da installare su cornici da incasso (non incluse), installazione con sistema a baionetta con faretti scambiabili. Disponibile in versioni con un faretto e gruppi di due e quattro faretti. Driver non compreso, il driver si collega direttamente alle cornici da incasso.

LED lighting module, with low glare, to be inserted in the recessed frames (not included), installation through a bayonet system with interchangeable spots. Available in one-light versions and groups of two and four lights. Driver not included, the driver has to be directly connected to the embedding frames.

Alimentazioni raccomandate / Recommended power supply\*:

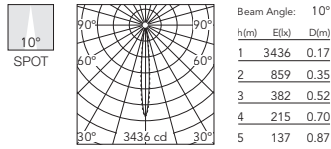
Non Dimmable 100-240V 900mA	60.8911
Non Dimmable 220-240V 900mA	RF27370
Mains Dimming 230-240V 750mA	RF21469
Mains Dimming 220-240V 900mA	60.9467**
Dimmable 0-10V 900mA	60.9414
Dim DALI 900mA	60.9602
Casambi 900mA	60.9207**
Casambi 900mA	70.0637

\* Vedi capitolo Drivers / Refer to the Drivers chapter  
 \*\* Solo connessione seriale / Only Serial Connection

### Optic Spot 2700K

Set of 1 spot

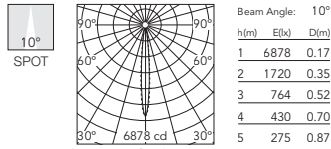
- 03.8600.40B
- 03.8600.14A
- 03.8600.ERA
- 03.8600.ESA
- 03.8600.EQA



Luminous flux luminaire 188 lm

Set of 2 spots

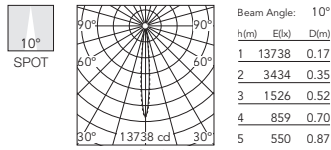
- 03.8640.40B
- 03.8640.14A
- 03.8640.ERA
- 03.8640.ESA
- 03.8640.EQA



Luminous flux luminaire 376 lm

Set of 4 spots

- 03.8610.40B
- 03.8610.14A
- 03.8610.ERA
- 03.8610.ESA
- 03.8610.EQA



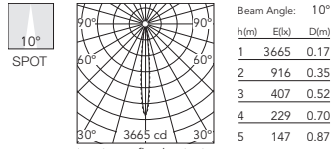
Luminous flux luminaire 751 lm

Internal Finish (I) - White

### 3000K

Set of 1 spot

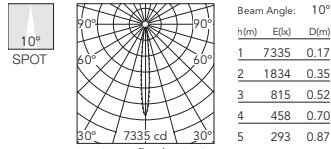
- 03.8603.40B
- 03.8603.14A
- 03.8603.ERA
- 03.8603.ESA
- 03.8603.EQA



Luminous flux luminaire 200 lm

Set of 2 spots

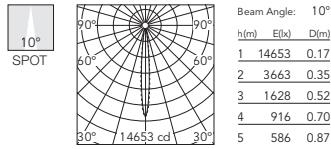
- 03.8643.40B
- 03.8643.14A
- 03.8643.ERA
- 03.8643.ESA
- 03.8643.EQA



Luminous flux luminaire 401 lm

Set of 4 spots

- 03.8613.40B
- 03.8613.14A
- 03.8613.ERA
- 03.8613.ESA
- 03.8613.EQA



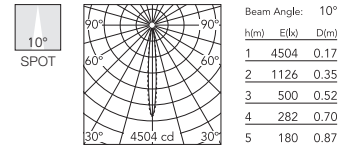
Luminous flux luminaire 801 lm

Internal Finish (I) - White

### Optic Spot 4000K

Set of 1 spot

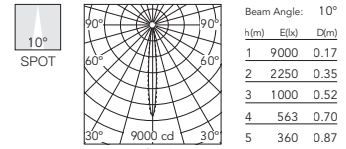
- 03.8606.40A
- 03.8606.14A
- 03.8606.ERA
- 03.8606.ESA
- 03.8606.EQA



Luminous flux luminaire 246 lm (EXTREME CUT OFF)

Set of 2 spots

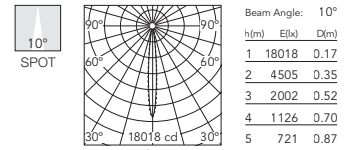
- 03.8671.40A
- 03.8671.14A
- 03.8671.ERA
- 03.8671.ESA
- 03.8671.EQA



Luminous flux luminaire 492 lm (EXTREME CUT OFF)

Set of 4 spots

- 03.8616.40A
- 03.8616.14A
- 03.8616.ERA
- 03.8616.ESA
- 03.8616.EQA



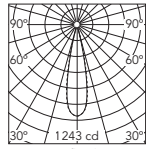
Luminous flux luminaire 985 lm (EXTREME CUT OFF)

Internal Finish (I) - White

# LIGHT SHADOW DOTS

## Optic Medium 2700K

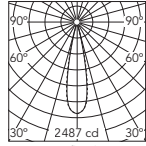
Set of 1 spot  
 03.8601.40B  
 03.8601.14A  
 03.8601.ERA  
 03.8601.ESA  
 03.8601.EQA



Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 1243 0.39  
 2 311 0.78  
 3 138 1.17  
 4 78 1.56  
 5 50 1.95

Luminous flux luminaire  
186 lm

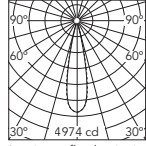
Set of 2 spots  
 03.8641.40B  
 03.8641.14A  
 03.8641.ERA  
 03.8641.ESA  
 03.8641.EQA



Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 2487 0.39  
 2 622 0.78  
 3 276 1.17  
 4 155 1.56  
 5 99 1.95

Luminous flux luminaire  
372 lm

Set of 4 spots  
 03.8611.40B  
 03.8611.14A  
 03.8611.ERA  
 03.8611.ESA  
 03.8611.EQA



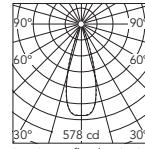
Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 4974 0.39  
 2 1243 0.78  
 3 553 1.17  
 4 311 1.56  
 5 199 1.95

Luminous flux luminaire  
744 lm

Internal Finish (I) - White

## Optic Flood 2700K

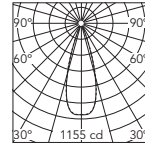
Set of 1 spot  
 03.8602.40B  
 03.8602.14A  
 03.8602.ERA  
 03.8602.ESA  
 03.8602.EQA



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 577 0.59  
 2 144 1.18  
 3 64 1.78  
 4 36 2.37  
 5 23 2.96

Luminous flux luminaire  
185 lm

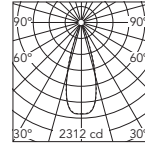
Set of 2 spots  
 03.8642.40B  
 03.8642.14A  
 03.8642.ERA  
 03.8642.ESA  
 03.8642.EQA



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 1153 0.59  
 2 288 1.18  
 3 128 1.78  
 4 72 2.37  
 5 46 2.96

Luminous flux luminaire  
370 lm

Set of 4 spots  
 03.8612.40B  
 03.8612.14A  
 03.8612.ERA  
 03.8612.ESA  
 03.8612.EQA



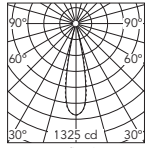
Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 2310 0.59  
 2 578 1.18  
 3 257 1.78  
 4 144 2.37  
 5 92 2.96

Luminous flux luminaire  
741 lm

Internal Finish (I) - White

## 3000K

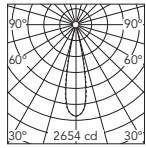
Set of 1 spot  
 03.8604.40B  
 03.8604.14A  
 03.8604.ERA  
 03.8604.ESA  
 03.8604.EQA



Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 1325 0.39  
 2 331 0.78  
 3 147 1.17  
 4 83 1.56  
 5 53 1.95

Luminous flux luminaire  
198 lm

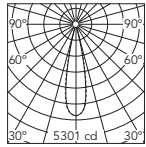
Set of 2 spots  
 03.8644.40B  
 03.8644.14A  
 03.8644.ERA  
 03.8644.ESA  
 03.8644.EQA



Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 2654 0.39  
 2 663 0.78  
 3 295 1.17  
 4 166 1.56  
 5 106 1.95

Luminous flux luminaire  
397 lm

Set of 4 spots  
 03.8614.40B  
 03.8614.14A  
 03.8614.ERA  
 03.8614.ESA  
 03.8614.EQA



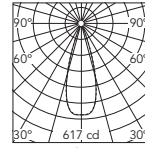
Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 5301 0.39  
 2 1325 0.78  
 3 589 1.17  
 4 331 1.56  
 5 212 1.95

Luminous flux luminaire  
793 lm

Internal Finish (I) - White

## 3000K

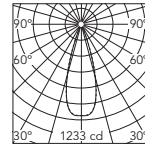
Set of 1 spot  
 03.8605.40B  
 03.8605.14A  
 03.8605.ERA  
 03.8605.ESA  
 03.8605.EQA



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 616 0.59  
 2 154 1.18  
 3 68 1.78  
 4 38 2.37  
 5 25 2.96

Luminous flux luminaire  
198 lm

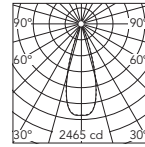
Set of 2 spots  
 03.8645.40B  
 03.8645.14A  
 03.8645.ERA  
 03.8645.ESA  
 03.8645.EQA



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 1231 0.59  
 2 308 1.18  
 3 137 1.78  
 4 77 2.37  
 5 49 2.96

Luminous flux luminaire  
395 lm

Set of 4 spots  
 03.8615.40B  
 03.8615.14A  
 03.8615.ERA  
 03.8615.ESA  
 03.8615.EQA



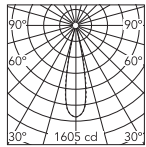
Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 2463 0.59  
 2 616 1.18  
 3 274 1.78  
 4 154 2.37  
 5 99 2.96

Luminous flux luminaire  
790 lm

Internal Finish (I) - White

## 4000K

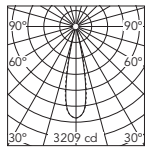
Set of 1 spot  
 03.8607.40A  
 03.8607.14A  
 03.8607.ERA  
 03.8607.ESA  
 03.8607.EQA



Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 1605 0.39  
 2 401 0.78  
 3 178 1.17  
 4 100 1.56  
 5 64 1.95

Luminous flux luminaire  
240 lm (EXTREME CUT OFF)

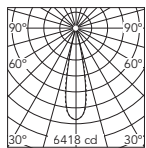
Set of 2 spots  
 03.8672.40A  
 03.8672.14A  
 03.8672.ERA  
 03.8672.ESA  
 03.8672.EQA



Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 3209 0.39  
 2 802 0.78  
 3 357 1.17  
 4 201 1.56  
 5 128 1.95

Luminous flux luminaire  
480 lm (EXTREME CUT OFF)

Set of 4 spots  
 03.8617.40A  
 03.8617.14A  
 03.8617.ERA  
 03.8617.ESA  
 03.8617.EQA



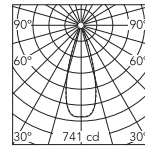
Beam Angle: 22°  
 h(m) E(lx) D(m)  
 1 6418 0.39  
 2 1604 0.78  
 3 713 1.17  
 4 401 1.56  
 5 257 1.95

Luminous flux luminaire  
960 lm (EXTREME CUT OFF)

Internal Finish (I) - White

## 4000K

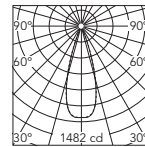
Set of 1 spot  
 03.8608.40A  
 03.8608.14A  
 03.8608.ERA  
 03.8608.ESA  
 03.8608.EQA



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 740 0.59  
 2 185 1.18  
 3 82 1.78  
 4 46 2.37  
 5 30 2.96

Luminous flux luminaire  
237 lm (EXTREME CUT OFF)

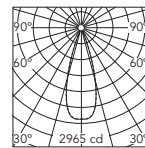
Set of 2 spots  
 03.8673.40A  
 03.8673.14A  
 03.8673.ERA  
 03.8673.ESA  
 03.8673.EQA



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 1481 0.59  
 2 370 1.18  
 3 165 1.78  
 4 93 2.37  
 5 59 2.96

Luminous flux luminaire  
475 lm (EXTREME CUT OFF)

Set of 4 spots  
 03.8618.40A  
 03.8618.14A  
 03.8618.ERA  
 03.8618.ESA  
 03.8618.EQA



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 2962 0.59  
 2 740 1.18  
 3 329 1.78  
 4 185 2.37  
 5 118 2.96

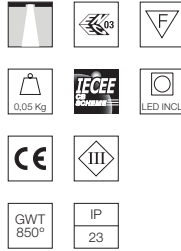
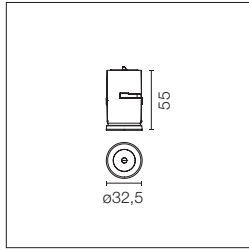
Luminous flux luminaire  
950 lm (EXTREME CUT OFF)

Internal Finish (I) - White

# LIGHT SHADOW DOTS

## Light Shadow DOTS Ø30 Fixed - Single Spot Module

**Light Source:** Power LED DC 900 mA - 2,7W - 222 lm - 2700K/CRI 90 / 2,7W - 236 lm - 3000K/CRI 90 / 2,7W - 293 lm - 4000K/CRI 90  
 Set of 1 spot mains dimming. Power LED DC 750 mA - 2,3W - 222 lm - 2700K/CRI 90 / 2,3W - 235 lm - 3000K/CRI 90 / 2,3W - 256 lm - 4000K/CRI 90



Modulo di illuminazione LED, a basso abbagliamento, da installare su cornici da incasso (non incluse), installazione con sistema a baionetta con faretti scambiabili. Disponibile in versioni con un faretto e gruppi di due e quattro faretti. Driver non compreso, il driver si collega direttamente alle cornici da incasso.

LED lighting module, with low glare, to be inserted in the recessed frames (not included), installation through a bayonet system with interchangeable spots. Available in one-light versions and groups of two and four lights. Driver not included, the driver has to be directly connected to the embedding frames.

Alimentazioni raccomandate / Recommended power supply\*:

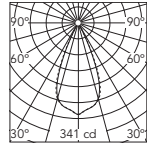
Non Dimmable 100-240V 900mA	60.8911
Non Dimmable 220-240V 900mA	RF27370
Mains Dimming 230-240V 750mA	RF21469
Mains Dimming 220-240V 900mA	60.9467**
Dimmable 0-10V 900mA	60.9414
Dim DALI 900mA	60.9602
Casambi 900mA	60.9207**
Casambi 900mA	70.0637

\* Vedi capitolo Drivers / Refer to the Drivers chapter  
 \*\* Solo connessione seriale / Only Serial Connection

### Optic Wide Flood 2700K

Set of 1 spot

- 03.8630.40B
- 03.8630.14A
- 03.8630.ERA
- 03.8630.ESA
- 03.8630.EQA



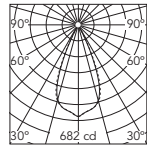
Beam Angle: 45°

h(m)	EI(x)	D(m)
1	341 0.83	
2	85 1.67	
3	38 2.50	
4	21 3.34	
5	14 4.17	

Luminous flux luminaire 183 lm

Set of 2 spots

- 03.8646.40B
- 03.8646.14A
- 03.8646.ERA
- 03.8646.ESA
- 03.8646.EQA



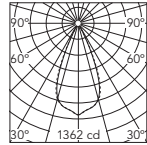
Beam Angle: 45°

h(m)	EI(x)	D(m)
1	682 0.83	
2	171 1.67	
3	76 2.50	
4	43 3.34	
5	27 4.17	

Luminous flux luminaire 366 lm

Set of 4 spots

- 03.8635.40B
- 03.8635.14A
- 03.8635.ERA
- 03.8635.ESA
- 03.8635.EQA



Beam Angle: 45°

h(m)	EI(x)	D(m)
1	1362 0.83	
2	341 1.67	
3	151 2.50	
4	85 3.34	
5	54 4.17	

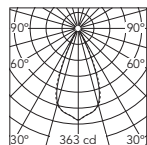
Luminous flux luminaire 731 lm

Internal Finish (I) - White

### 3000K

Set of 1 spot

- 03.8631.40B
- 03.8631.14A
- 03.8631.ERA
- 03.8631.ESA
- 03.8631.EQA



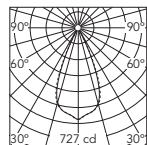
Beam Angle: 45°

h(m)	EI(x)	D(m)
1	363 0.83	
2	91 1.67	
3	40 2.50	
4	23 3.34	
5	15 4.17	

Luminous flux luminaire 195 lm

Set of 2 spots

- 03.8647.40B
- 03.8647.14A
- 03.8647.ERA
- 03.8647.ESA
- 03.8647.EQA



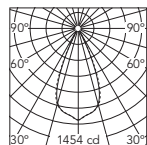
Beam Angle: 45°

h(m)	EI(x)	D(m)
1	727 0.83	
2	182 1.67	
3	81 2.50	
4	45 3.34	
5	29 4.17	

Luminous flux luminaire 390 lm

Set of 4 spots

- 03.8636.40B
- 03.8636.14A
- 03.8636.ERA
- 03.8636.ESA
- 03.8636.EQA



Beam Angle: 45°

h(m)	EI(x)	D(m)
1	1454 0.83	
2	363 1.67	
3	162 2.50	
4	91 3.34	
5	58 4.17	

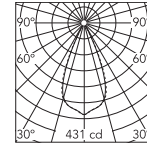
Luminous flux luminaire 780 lm

Internal Finish (I) - White

### Optic Wide Flood 4000K

Set of 1 spot

- 03.8633.40A
- 03.8633.14A
- 03.8633.ERA
- 03.8633.ESA
- 03.8633.EQA



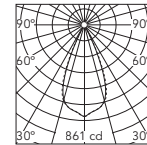
Beam Angle: 45°

h(m)	EI(x)	D(m)
1	431 0.83	
2	108 1.67	
3	48 2.50	
4	27 3.34	
5	17 4.17	

Luminous flux luminaire 231 lm (EXTREME CUT OFF)

Set of 2 spots

- 03.8674.40A
- 03.8674.14A
- 03.8674.ERA
- 03.8674.ESA
- 03.8674.EQA



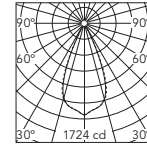
Beam Angle: 45°

h(m)	EI(x)	D(m)
1	861 0.83	
2	215 1.67	
3	96 2.50	
4	54 3.34	
5	34 4.17	

Luminous flux luminaire 462 lm (EXTREME CUT OFF)

Set of 4 spots

- 03.8637.40A
- 03.8637.14A
- 03.8637.ERA
- 03.8637.ESA
- 03.8637.EQA



Beam Angle: 45°

h(m)	EI(x)	D(m)
1	1724 0.83	
2	431 1.67	
3	192 2.50	
4	108 3.34	
5	69 4.17	

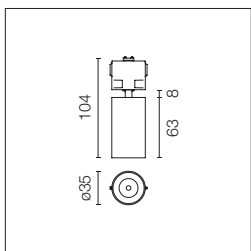
Luminous flux luminaire 925 lm (EXTREME CUT OFF)

Internal Finish (I) - White



## Light Shadow DOTS Ø30 Push

**Light Source:** Power LED DC 900 mA - 2,7W - 270 lm - 2700K/CRI 90 / 2,7W - 285 lm - 3000K/CRI 90 / 2,7W - 295 lm - 4000K/CRI 90  
 Mains Dimming: Power LED DC 750 mA - 2,3W - 222 lm - 2700K/CRI 90 / 2,3W - 235 lm - 3000K/CRI 90 / 2,3W - 256 lm - 4000K/CRI 90



Lampada con doppia funzionalità: funziona come proiettore da incasso (incasso a filo del soffitto) o come proiettore (completamente regolabile). È possibile cambiarlo di posizione muovendolo facilmente con la mano.

Luminaire with 2x1 functionality: it can work as downlight (recessed, flush with ceiling) or as a projector (fully adjustable). The passage from one position to the other can be made by moving the product easily by hand.

R= Rifiniture posteriori  
 E= Finitura esterna  
 I= Finitura interna

R= Rear finish  
 E= External Finish  
 I= Internal Finish

### Optic Spot 2700K

R	E	I	Code
□	□	□	05.9300.40
□	□	■	05.9301.40
□	■	□	05.9302.40
■	□	□	05.9303.40

■	□	□	05.9305.40
■	□	■	05.9304.40
■	■	□	05.9306.40
■	■	■	05.9307.40

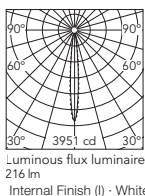
■	□	□	05.9305.14
■	□	■	05.9304.14
■	■	□	05.9306.14
■	■	■	05.9307.14

■	□	□	05.9304.ER
■	□	■	05.9307.ER

■	■	□	05.9304.ES
■	■	■	05.9308.ES

■	■	■	05.9304.EQ
■	■	■	05.9306.EQ

■	■	■	05.9304.TK
■	■	■	05.9306.TK



### Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 100-240V 900mA	60.8911
Non Dimmable 220-240V 900mA	RF27370
Mains Dimming 230-240V 750mA	RF21469
Mains Dimming 220-240V 900mA	60.9467**
Dimmable 0-10V 900mA	60.9414
Dim DALI 900mA	60.9602
Casambi 900mA	60.9207**
Casambi 900mA	70.0637

\* Vedi capitolo Drivers / Refer to the Drivers chapter  
 \*\* Solo connessione seriale / Only Serial Connection

### Optic Spot 3000K

R	E	I	Code
□	□	□	05.9350.40
□	□	■	05.9351.40
□	■	□	05.9352.40
■	□	□	05.9353.40

■	□	□	05.9355.40
■	□	■	05.9354.40
■	■	□	05.9356.40
■	■	■	05.9357.40

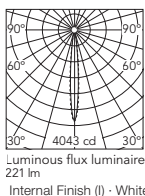
■	□	□	05.9355.14
■	□	■	05.9354.14
■	■	□	05.9356.14
■	■	■	05.9357.14

■	□	□	05.9354.ER
■	□	■	05.9357.ER

■	■	□	05.9354.ES
■	■	■	05.9358.ES

■	■	■	05.9354.EQ
■	■	■	05.9356.EQ

■	■	■	05.9354.TK
■	■	■	05.9356.TK



### Optic Spot 4000K

R	E	I	Code
□	□	□	05.9400.40
□	□	■	05.9401.40
□	■	□	05.9402.40
■	□	□	05.9403.40

■	□	□	05.9405.40
■	□	■	05.9404.40
■	■	□	05.9406.40
■	■	■	05.9407.40

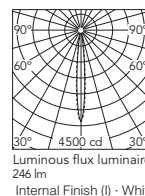
■	□	□	05.9405.14
■	□	■	05.9404.14
■	■	□	05.9406.14
■	■	■	05.9407.14

■	□	□	05.9404.ER
■	□	■	05.9407.ER

■	■	□	05.9404.ES
■	■	■	05.9408.ES

■	■	■	05.9404.EQ
■	■	■	05.9406.EQ

■	■	■	05.9404.TK
■	■	■	05.9406.TK





## Optic Medium 2700K

R	E	I

- 05.9310.40
- 05.9311.40
- 05.9312.40
- 05.9313.40


- 05.9315.40
- 05.9314.40
- 05.9316.40
- 05.9317.40

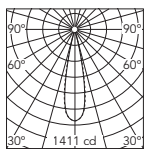

- 05.9315.14
- 05.9314.14
- 05.9316.14
- 05.9317.14


- 05.9314.ER
- 05.9317.ER


- 05.9314.ES
- 05.9318.ES


- 05.9314.EQ
- 05.9316.EQ


- 05.9314.TK
- 05.9316.TK



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1411	0.39
2	353	0.78
3	157	1.17
4	88	1.56
5	56	1.95

Luminous flux luminaire  
211 lm

Internal Finish (I) - White

## Optic Medium 3000K

R	E	I

- 05.9360.40
- 05.9361.40
- 05.9362.40
- 05.9363.40


- 05.9365.40
- 05.9364.40
- 05.9366.40
- 05.9367.40

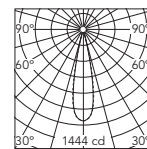

- 05.9365.14
- 05.9364.14
- 05.9366.14
- 05.9367.14


- 05.9364.ER
- 05.9367.ER


- 05.9364.ES
- 05.9368.ES


- 05.9364.EQ
- 05.9366.EQ


- 05.9364.TK
- 05.9366.TK



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1444	0.39
2	361	0.78
3	160	1.17
4	90	1.56
5	58	1.95

Luminous flux luminaire  
216 lm

Internal Finish (I) - White

## Optic Medium 4000K

R	E	I

- 05.9410.40
- 05.9411.40
- 05.9412.40
- 05.9413.40


- 05.9415.40
- 05.9414.40
- 05.9416.40
- 05.9417.40

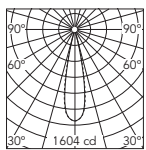

- 05.9415.14
- 05.9414.14
- 05.9416.14
- 05.9417.14


- 05.9414.ER
- 05.9417.ER


- 05.9414.ES
- 05.9418.ES


- 05.9414.EQ
- 05.9416.EQ


- 05.9414.TK
- 05.9416.TK



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1604	0.39
2	401	0.78
3	178	1.17
4	100	1.56
5	64	1.95

Luminous flux luminaire  
240 lm

Internal Finish (I) - White

## Accessori / Accessories

### Light Shadow PRO Ø30 Push

Pannello nido d'ape

Honeycomb



08.0790.00

Filtro bicromatico CCT

Dichroic CCT Filter



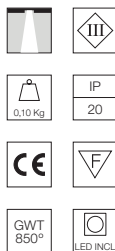
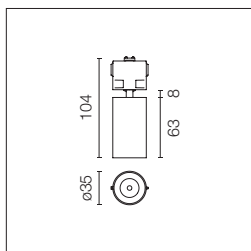
Increase  
2700K >> 3125±75K  
3000K >> 3600±75K  
4000K >> 5100±75K  
08.0791.00



Decrease  
2700K >> 2450±75K  
3000K >> 2700±75K  
4000K >> 3400±75K  
08.0792.00

## Light Shadow DOTS Ø30 Push

**Light Source:** Power LED DC 900 mA - 2,7W - 270 lm - 2700K/CRI 90 / 2,7W - 285 lm - 3000K/CRI 90 / 2,7W - 295 lm - 4000K/CRI 90  
 Mains Dimming: Power LED DC 750 mA - 2,3W - 222 lm - 2700K/CRI 90 / 2,3W - 235 lm - 3000K/CRI 90 / 2,3W - 256 lm - 4000K/CRI 90



Lampada con doppia funzionalità: funziona come proiettore da incasso (incasso a filo del soffitto) o come proiettore (completamente regolabile). È possibile cambiarlo di posizione muovendolo facilmente con la mano.

Luminaire with 2x1 functionality: it can work as downlight (recessed, flush with ceiling) or as a projector (fully adjustable). The passage from one position to the other can be made by moving the product easily by hand.

R= Rifiniture posteriori  
 E= Finitura esterna  
 I= Finitura interna

R= Rear finish  
 E= External Finish  
 I= Internal Finish

## Optic Flood

R	E	I	Product Code
□	□	□	05.9320.40
□	□	■	05.9321.40
□	■	□	05.9322.40
■	□	□	05.9323.40

■	□	□	05.9325.40
■	□	■	05.9324.40
■	■	□	05.9326.40
■	■	■	05.9327.40

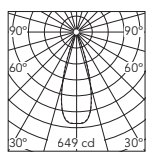
■	□	□	05.9325.14
■	□	■	05.9324.14
■	■	□	05.9326.14
■	■	■	05.9327.14

■	□	□	05.9324.ER
■	□	■	05.9327.ER

■	■	□	05.9324.ES
■	■	■	05.9328.ES

■	■	■	05.9324.EQ
■	■	■	05.9326.EQ

■	■	■	05.9324.TK
■	■	■	05.9326.TK



Beam Angle:	33°	
h(m)	E(lx)	D(m)
1	648	0.59
2	162	1.18
3	72	1.78
4	41	2.37
5	26	2.96

Luminous flux luminaire 208 lm  
 Internal Finish (I) - White

## Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 100-240V 900mA	60.8911
Non Dimmable 220-240V 900mA	RF27370
Mains Dimming 230-240V 750mA	RF21469
Mains Dimming 220-240V 900mA	60.9467**
Dimmable 0-10V 900mA	60.9414
Dim DALI 900mA	60.9602
Casambi 900mA	60.9207**
Casambi 900mA	70.0637

\* Vedi capitolo Drivers / Refer to the Drivers chapter

\*\* Solo connessione seriale / Only Serial Connection

## Optic Flood

R	E	I	Product Code
□	□	□	05.9370.40
□	□	■	05.9371.40
□	■	□	05.9372.40
■	□	□	05.9373.40

■	□	□	05.9375.40
■	□	■	05.9374.40
■	■	□	05.9376.40
■	■	■	05.9377.40

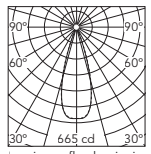
■	□	□	05.9375.14
■	□	■	05.9374.14
■	■	□	05.9376.14
■	■	■	05.9377.14

■	□	□	05.9374.ER
■	□	■	05.9377.ER

■	■	□	05.9374.ES
■	■	■	05.9378.ES

■	■	■	05.9374.EQ
■	■	■	05.9376.EQ

■	■	■	05.9374.TK
■	■	■	05.9376.TK



Beam Angle:	33°	
h(m)	E(lx)	D(m)
1	664	0.59
2	166	1.18
3	74	1.78
4	42	2.37
5	27	2.96

Luminous flux luminaire 213 lm  
 Internal Finish (I) - White

## Optic Flood

R	E	I	Product Code
□	□	□	05.9420.40
□	□	■	05.9421.40
□	■	□	05.9422.40
■	□	□	05.9423.40

■	□	□	05.9425.40
■	□	■	05.9424.40
■	■	□	05.9426.40
■	■	■	05.9427.40

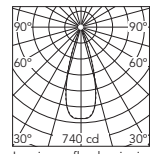
■	□	□	05.9425.14
■	□	■	05.9424.14
■	■	□	05.9426.14
■	■	■	05.9427.14

■	□	□	05.9424.ER
■	□	■	05.9427.ER

■	■	□	05.9424.ES
■	■	■	05.9428.ES

■	■	■	05.9424.EQ
■	■	■	05.9426.EQ

■	■	■	05.9424.TK
■	■	■	05.9426.TK



Beam Angle:	33°	
h(m)	E(lx)	D(m)
1	739	0.59
2	185	1.18
3	82	1.78
4	46	2.37
5	30	2.96

Luminous flux luminaire 237 lm  
 Internal Finish (I) - White

# LIGHT SHADOW DOTS

## Optic Wide Flood 2700K

R	E	I

- 05.9330.40
- 05.9331.40
- 05.9332.40
- 05.9333.40


- 05.9335.40
- 05.9334.40
- 05.9336.40
- 05.9337.40

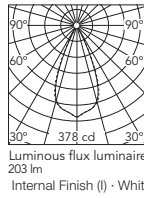

- 05.9335.14
- 05.9334.14
- 05.9336.14
- 05.9337.14


- 05.9334.ER
- 05.9337.ER


- 05.9334.ES
- 05.9338.ES


- 05.9334.EQ
- 05.9336.EQ


- 05.9334.TK
- 05.9336.TK



h(m)	E(lx)	D(m)
1	378	0.83
2	95	1.67
3	42	2.50
4	24	3.34
5	15	4.17

## Optic Wide Flood 3000K

R	E	I

- 05.9380.40
- 05.9381.40
- 05.9382.40
- 05.9383.40


- 05.9385.40
- 05.9384.40
- 05.9386.40
- 05.9387.40

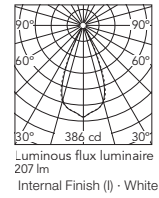

- 05.9385.14
- 05.9384.14
- 05.9386.14
- 05.9387.14


- 05.9384.ER
- 05.9387.ER


- 05.9384.ES
- 05.9388.ES


- 05.9384.EQ
- 05.9386.EQ


- 05.9384.TK
- 05.9386.TK



h(m)	E(lx)	D(m)
1	386	0.83
2	96	1.67
3	43	2.50
4	24	3.34
5	15	4.17

## Optic Wide Flood 4000K

R	E	I

- 05.9430.40
- 05.9431.40
- 05.9432.40
- 05.9433.40


- 05.9435.40
- 05.9434.40
- 05.9436.40
- 05.9437.40

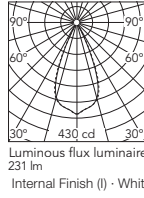

- 05.9435.14
- 05.9434.14
- 05.9436.14
- 05.9437.14


- 05.9434.ER
- 05.9437.ER


- 05.9434.ES
- 05.9438.ES


- 05.9434.EQ
- 05.9436.EQ


- 05.9434.TK
- 05.9436.TK



h(m)	E(lx)	D(m)
1	430	0.83
2	108	1.67
3	48	2.50
4	27	3.34
5	17	4.17

### Accessori / Accessories

#### Light Shadow PRO Ø30 Push

Pannello nido d'ape

Honeycomb



08.0790.00

Filtro bicromatico CCT

Dichroic CCT Filter



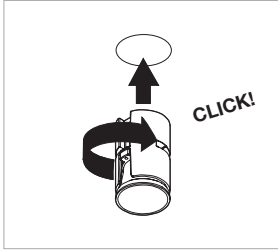
Increase  
2700K >> 3125±75K  
3000K >> 3600±75K  
4000K >> 5100±75K  
08.0791.00



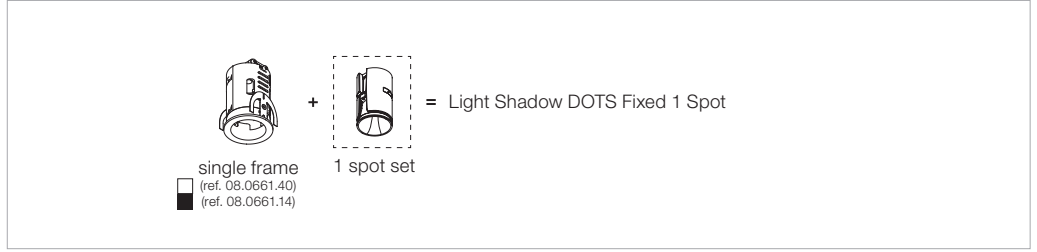
Decrease  
2700K >> 2450±75K  
3000K >> 2700±75K  
4000K >> 3400±75K  
08.0792.00

## HOW TO ORDER LIGHT SHADOW DOTS

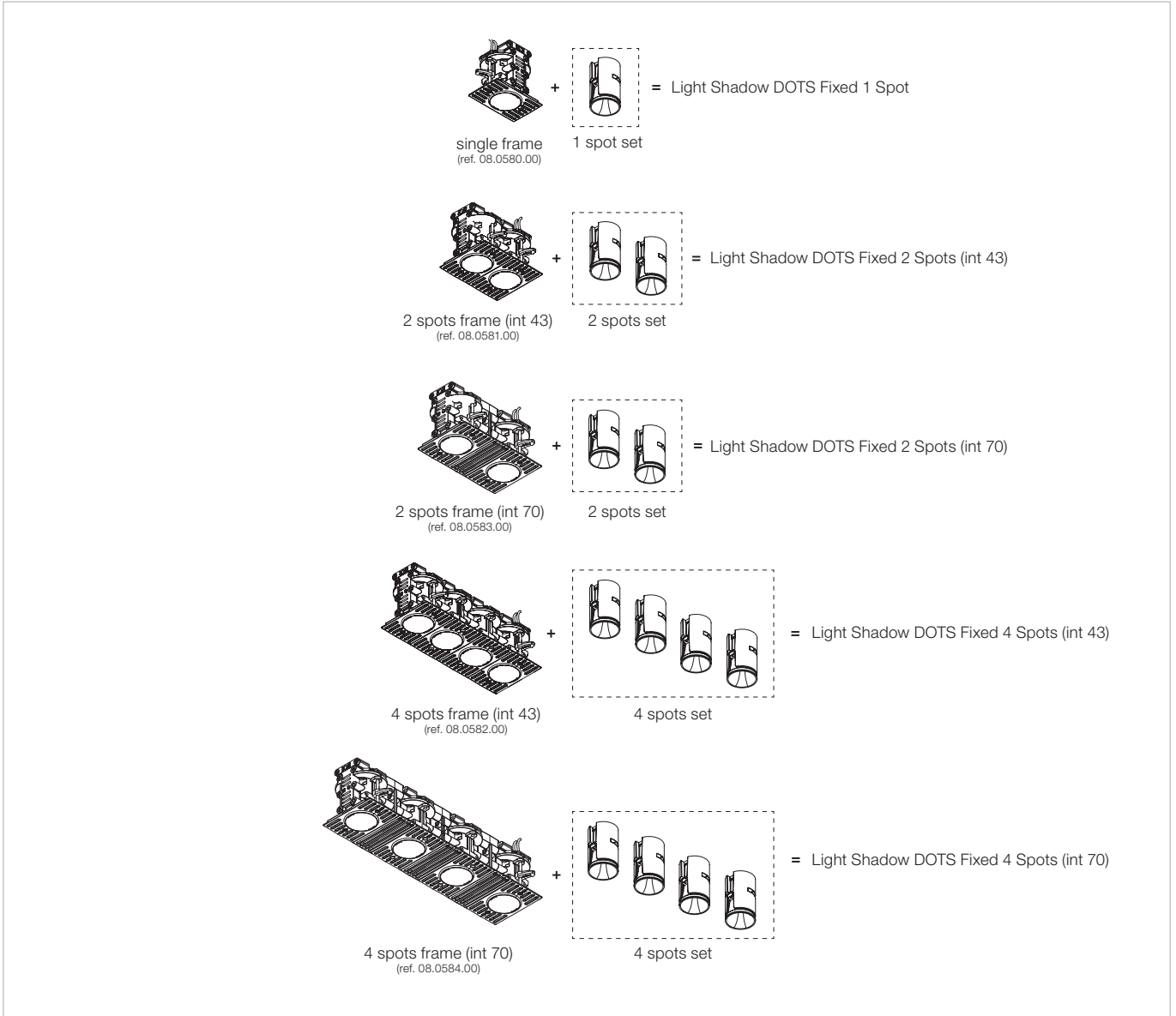
## Dots Fixed



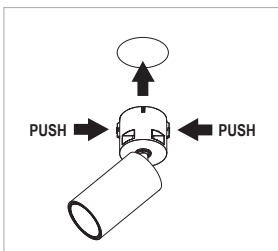
## Dots Fixed Trim



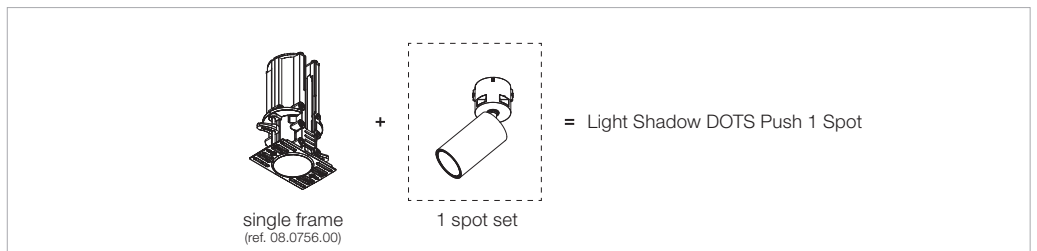
## Dots Fixed No Trim



## Dots Push



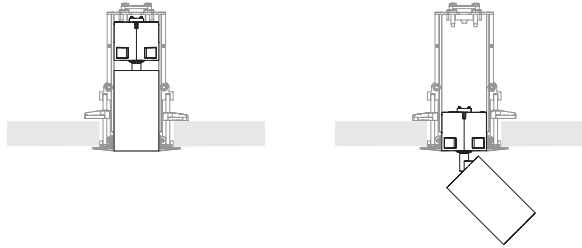
## Dots Push No Trim



## Dots Push - Functionality and Positioning

È possibile collocare Light Shadow in posizione superiore -come un downlight (perfettamente a filo con il soffitto)- o in posizione inferiore -come un proiettore orientabile-.

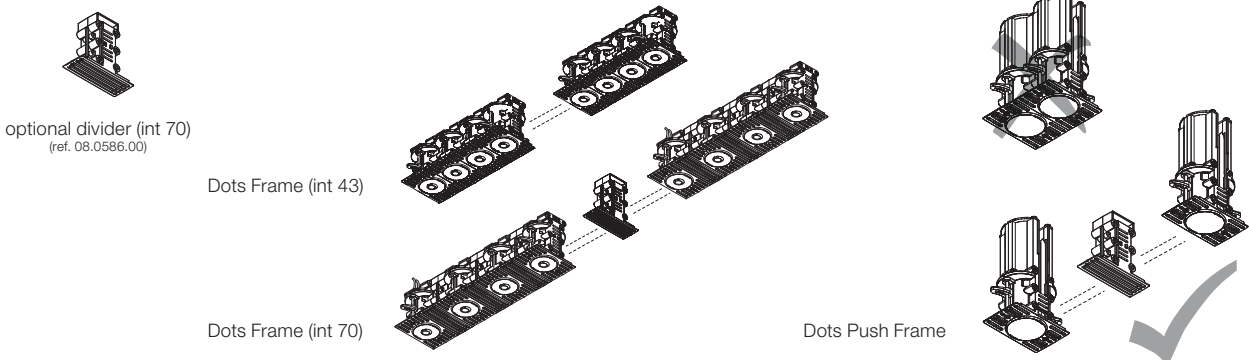
Light Shadow Push can be placed in top position, functioning as a downlight (perfectly flush to ceiling), or in bottom position, functioning as an adjustable spotlight.



## Dots Fixed & Push No Trim Frames - Continuity and Interdistance

Nella progettazione dell'illuminazione di un ambiente, la linea Light Shadow Dots permette di proiettare linee di luce continue grazie al semplice collegamento tra gli apparecchi (1, 2 e 4 luci) senza essere necessario l'uso di strumenti aggiuntivi. Durante la progettazione, l'utente potrà scegliere una delle due distanze predefinite tra punti di luce, 43 e 70mm; per la versione di 70mm è richiesto il montaggio di un accessorio indipendente (cod. 08.0586.00) tra gli apparecchi.

When planning the lighting of an environment, the Light Shadow Dots family allows to project continuous light lines or random figures thanks to the simple interconnection between its luminaires (1, 2 and 4 lights) without the need for an additional tool. For the lighting designing and planning, the user can choose between two predefined distances of 43 and 70 mm between light points. For the 70 mm version, it is necessary to assemble an independent accessory (reference: 08.0586.00) between the luminaires.

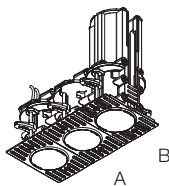


Dettaglio di connessione per costruire una linea continua / Interconnection information to build a continuous line

## Dots Fixed & Push No Trim Frames - Compatibility

Le precornici No Trim di Light Shadow Dots Fixed e Push sono compatibili e possono essere installate una di seguito all'altra e alla stessa distanza. In questo modo, se i modelli Push vengono installati ad incasso, si differenziano dalle versioni Fixed.

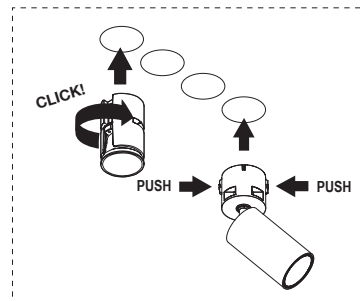
Light Shadow Dots Fixed and Push No Trim pre-installation frames are compatible and can be installed continuously, maintaining the spacing. In this way, when the Push models are in recessed position, they are indistinguishable from the Fixed versions.



A: Dots Fixed no trim frames 1/2/4 (int 43/70)

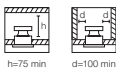
+

B: Dots Push no trim frame 1



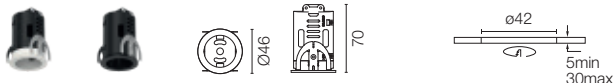
## Accessori / Accessories

## Dots Fixed Trim

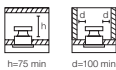


Cornice di pre-installazione.  
Pre-installation frame.

1L  
08.0661.40  
08.0661.14

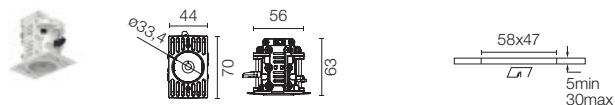


## Dots Fixed No Trim - Single &amp; Int 43 Frames



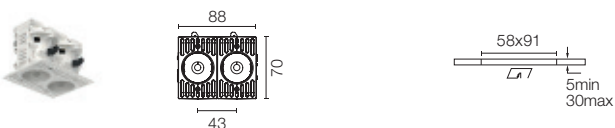
Cornice di pre-installazione.  
Pre-installation frame.

1L  
08.0580.00



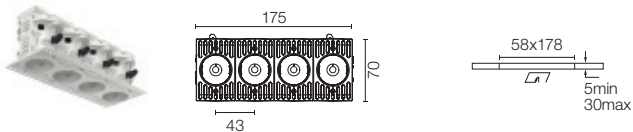
Cornice di pre-installazione.  
Pre-installation frame.

2L - Int 43  
08.0581.00

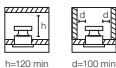


Cornice di pre-installazione.  
Pre-installation frame.

4L - Int 43  
08.0582.00



## Dots Push No Trim



Cornice di pre-installazione.  
Pre-installation frame.

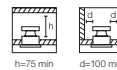
1L  
08.0756.00



## Drivers per la connessione in serie / Drivers for Serial Connection

Driver	DIM Protocol	Driving current	Min-Max Spot(s) per Driver
60.8911	Non Dimmable	900	1 - 6
RF27370	Non Dimmable	900	2 - 11
RF21469	Mains Dimming	750	1 - 9
60.9467	Mains Dimming	900	2 - 6
60.9414	Dimmable 0-10V	900	1 - 6
60.9602	Dim DALI	900	1 - 6
60.9207	Casambi	900	3 - 10

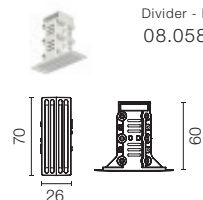
## Dots Fixed No Trim - Divider &amp; Int 70 Frames



Separatore di 70mm per  
mantenere la distanza che si  
crea tra i faretti unendo moduli  
di 70mm.

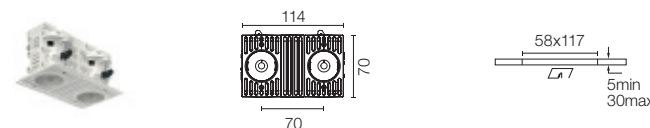
Divider - Int 70  
08.0586.00

70 mm divider to keep the  
spacing between spots when  
putting together 70 mm  
modules.



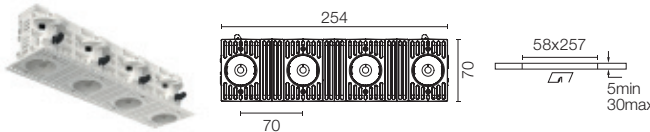
Cornice di pre-installazione.  
Pre-installation frame.

2L - Int 70  
08.0583.00



Cornice di pre-installazione.  
Pre-installation frame.

4L - Int 70  
08.0584.00



⚠ Register for service  
operation is required

POWER SUPPLY

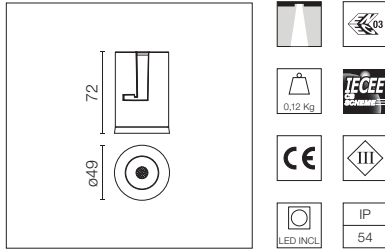




# LIGHT SHADOW PRO

## Light Shadow PRO Ø45 Fixed

Light Source: LED Array DC 700 mA 8,8W - 926 lm - 2700K/CRI 90 / 8,8W - 834 lm - 3000K/CRI 90 / 8,8W - 926 lm - 4000K/CRI 90



Modulo di illuminazione LED, a basso abbagliamento, da installare su cornici da incasso (non incluse), installazione con sistema a baionetta. Driver remoto non incluso.

LED lighting module, with low glare, to be inserted in the recessed frames (not included), installation through a bayonet system with interchangeable spots. Remote driver not included.

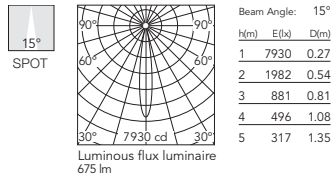
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 100-240V 12W	60.8529A
Non Dimmable 100-277V 18W	60.9387
Non Dimmable 220-240V 32W	60.9592
Non Dimmable 220-240V 42W	RF27370
Dim Dali 2 220-240V 38W	RF30699
Dim Dali 2 220-240V 20W	60.9713.0700
Dim 1-10V/Push 110-240V	60.9208
Dim 1-10V	60.9845
Mains Dimming	60.9467
Mains Dimming	60.9692
Dim Casambi/Push	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

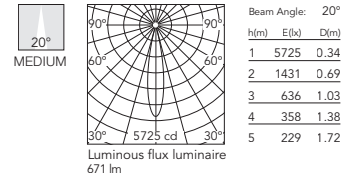
### Optic Spot 2700K

- 05.2500.40
- 05.2500.14
- 05.2500.ER
- 05.2500.ES
- 05.2500.EQ



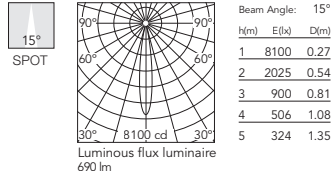
### Optic Medium 2700K

- 05.2501.40
- 05.2501.14
- 05.2501.ER
- 05.2501.ES
- 05.2501.EQ



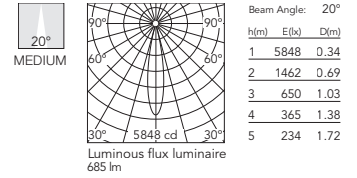
### 3000K

- 05.2505.40
- 05.2505.14
- 05.2505.ER
- 05.2505.ES
- 05.2505.EQ



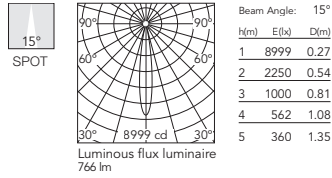
### 3000K

- 05.2506.40
- 05.2506.14
- 05.2506.ER
- 05.2506.ES
- 05.2506.EQ



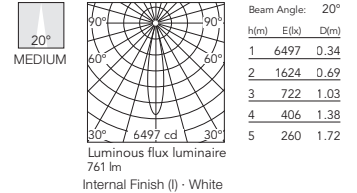
### 4000K

- 05.2510.40
- 05.2510.14
- 05.2510.ER
- 05.2510.ES
- 05.2510.EQ



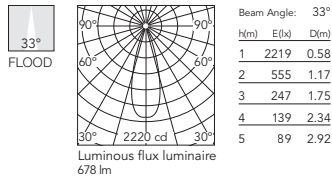
### 4000K

- 05.2511.40
- 05.2511.14
- 05.2511.ER
- 05.2511.ES
- 05.2511.EQ



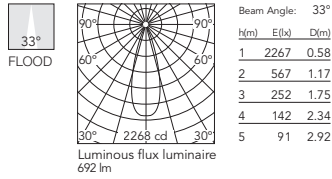
### Optic Flood 2700K

- 05.2502.40
- 05.2502.14
- 05.2502.ER
- 05.2502.ES
- 05.2502.EQ



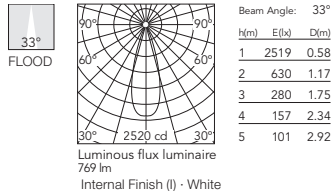
### 3000K

- 05.2507.40
- 05.2507.14
- 05.2507.ER
- 05.2507.ES
- 05.2507.EQ



### 4000K

- 05.2512.40
- 05.2512.14
- 05.2512.ER
- 05.2512.ES
- 05.2512.EQ



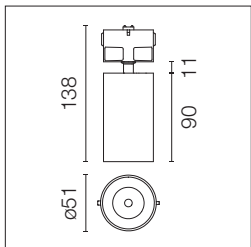




# LIGHT SHADOW PRO

## Light Shadow PRO Ø45 Push

Light Source: LED Array DC 700 mA 8,5W - 756 lm - 2700K/CRI 90 / 8,5W - 799 lm - 3000K/CRI 90 / 8,5W - 866 lm - 4000K/CRI 90



Lampada con doppia funzionalità: funziona come proiettore da incasso (incasso a filo del soffitto) o come proiettore (completamente regolabile). È possibile cambiarlo di posizione muovendolo facilmente con la mano.

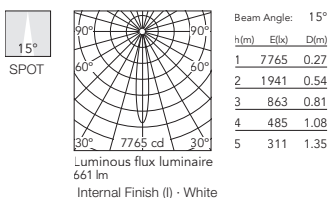
Luminaire with 2x1 functionality: it can work as downlight (recessed, flush with ceiling) or as a projector (fully adjustable). The passage from one position to the other can be made by moving the product easily by hand.

R= Rifiniture posteriori  
E= Finitura esterna  
I= Finitura interna

R= Rear finish  
E= External Finish  
I= Internal Finish

### Optic Spot 2700K

R	E	I	Code
□	□	□	05.9500.40
□	□	■	05.9501.40
□	□	■	05.9502.40
□	□	■	05.9503.40
■	□	□	05.9505.40
■	□	□	05.9504.40
■	□	■	05.9506.40
■	□	■	05.9507.40
■	■	□	05.9505.14
■	■	□	05.9504.14
■	■	■	05.9506.14
■	■	■	05.9507.14
■	■	■	05.9504.ER
■	■	■	05.9507.ER
■	■	■	05.9504.ES
■	■	■	05.9508.ES
■	■	■	05.9504.EQ
■	■	■	05.9506.EQ
■	■	■	05.9504.TK
■	■	■	05.9506.TK



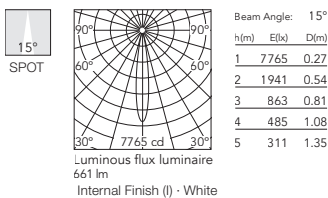
### Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 100-240V 12W	60.8529A
Non Dimmable 100-277V 18W	60.9387
Non Dimmable 220-240V 32W	60.9592
Non Dimmable 220-240V 42W	RF27370
Dim Dali 2 220-240V 38W	RF30699
Dim Dali 2 220-240V 20W	60.9713.0700
Dim 1-10V/Push 110-240V	60.9208
Dim 1-10V	60.9845
Mains Dimming	60.9467
Mains Dimming	60.9692
Dim Casambi/Push	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

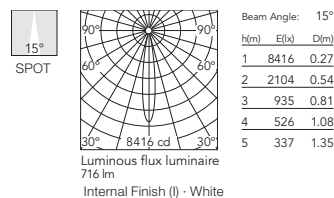
### Optic Spot 3000K

R	E	I	Code
□	□	□	05.9530.40
□	□	■	05.9531.40
□	□	■	05.9532.40
□	□	■	05.9533.40
■	□	□	05.9535.40
■	□	□	05.9534.40
■	□	■	05.9536.40
■	□	■	05.9537.40
■	■	□	05.9535.14
■	■	□	05.9534.14
■	■	■	05.9536.14
■	■	■	05.9537.14
■	■	■	05.9534.ER
■	■	■	05.9537.ER
■	■	■	05.9534.ES
■	■	■	05.9538.ES
■	■	■	05.9534.EQ
■	■	■	05.9536.EQ
■	■	■	05.9534.TK
■	■	■	05.9536.TK



### Optic Spot 4000K

R	E	I	Code
□	□	□	05.9560.40
□	□	■	05.9561.40
□	□	■	05.9562.40
□	□	■	05.9563.40
■	□	□	05.9565.40
■	□	□	05.9564.40
■	□	■	05.9566.40
■	□	■	05.9567.40
■	■	□	05.9565.14
■	■	□	05.9564.14
■	■	■	05.9566.14
■	■	■	05.9567.14
■	■	■	05.9564.ER
■	■	■	05.9567.ER
■	■	■	05.9564.ES
■	■	■	05.9568.ES
■	■	■	05.9564.EQ
■	■	■	05.9566.EQ
■	■	■	05.9564.TK
■	■	■	05.9566.TK

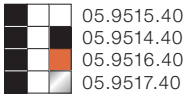


# LIGHT SHADOW PRO

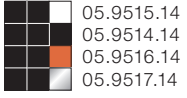
## Optic Medium 2700K



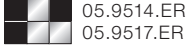
05.9510.40  
05.9511.40  
05.9512.40  
05.9513.40



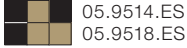
05.9515.40  
05.9514.40  
05.9516.40  
05.9517.40



05.9515.14  
05.9514.14  
05.9516.14  
05.9517.14



05.9514.ER  
05.9517.ER



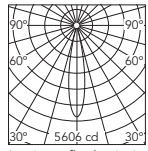
05.9514.ES  
05.9518.ES



05.9514.EQ  
05.9516.EQ



05.9514.TK  
05.9516.TK

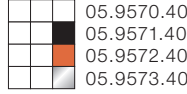


Beam Angle: 20°

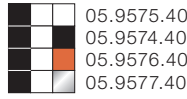
h(m)	E(lx)	D(m)
1	5606	0.34
2	1401	0.69
3	623	1.03
4	350	1.38
5	224	1.72

Luminous flux luminaire  
657 lm  
Internal Finish (I) - White

## Optic Medium 4000K



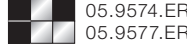
05.9570.40  
05.9571.40  
05.9572.40  
05.9573.40



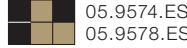
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05.9574.40  
05.9576.40  
05.9577.40



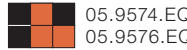
05.9575.14  
05.9574.14  
05.9576.14  
05.9577.14



05.9574.ER  
05.9577.ER



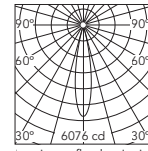
05.9574.ES  
05.9578.ES



05.9574.EQ  
05.9576.EQ



05.9574.TK  
05.9576.TK



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	6076	0.34
2	1519	0.69
3	675	1.03
4	380	1.38
5	243	1.72

Luminous flux luminaire  
712 lm  
Internal Finish (I) - White

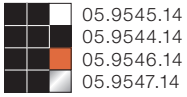
## Optic Medium 3000K



05.9540.40  
05.9541.40  
05.9542.40  
05.9543.40



05.9545.40  
05.9544.40  
05.9546.40  
05.9547.40



05.9545.14  
05.9544.14  
05.9546.14  
05.9547.14



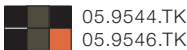
05.9544.ER  
05.9547.ER



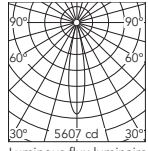
05.9544.ES  
05.9548.ES



05.9544.EQ  
05.9546.EQ



05.9544.TK  
05.9546.TK



Beam Angle: 20°

h(m)	E(lx)	D(m)
1	5607	0.34
2	1402	0.69
3	623	1.03
4	350	1.38
5	224	1.72

Luminous flux luminaire  
657 lm  
Internal Finish (I) - White

## Accessori / Accessories

### Light Shadow PRO Ø45 Push

Pannello nido d'ape

Honeycomb



08.0793.00

Filtro bicromatico CCT

Dichroic CCT Filter



Increase  
2700K >> 3125±75K  
3000K >> 3600±75K  
4000K >> 5100±75K  
08.0794.00

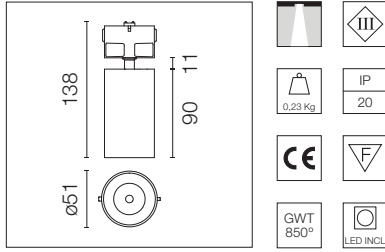


Decrease  
2700K >> 2450±75K  
3000K >> 2700±75K  
4000K >> 3400±75K  
08.0795.00

# LIGHT SHADOW PRO

## Light Shadow PRO Ø45 Push

Light Source: LED Array DC 700 mA 8,5W - 756 lm - 2700K/CRI 90 / 8,5W - 799 lm - 3000K/CRI 90 / 8,5W - 866 lm - 4000K/CRI 90



Lampada con doppia funzionalità: funziona come proiettore da incasso (incasso a filo del soffitto) o come proiettore (completamente regolabile). È possibile cambiarlo di posizione muovendolo facilmente con la mano.

Luminaire with 2x1 functionality: it can work as downlight (recessed, flush with ceiling) or as a projector (fully adjustable). The passage from one position to the other can be made by moving the product easily by hand.

R= Rifiniture posteriori  
E= Finitura esterna  
I= Finitura interna

R= Rear finish  
E= External Finish  
I= Internal Finish

### Optic Flood 2700K

R	E	I	Code
White	White	White	05.9520.40
White	White	Black	05.9521.40
White	Black	White	05.9522.40
White	Black	Black	05.9523.40

Black	White	White	05.9525.40
Black	White	Black	05.9524.40
Black	Black	White	05.9526.40
Black	Black	Black	05.9527.40

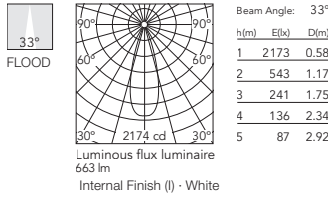
Black	White	White	05.9525.14
Black	White	Black	05.9524.14
Black	Black	White	05.9526.14
Black	Black	Black	05.9527.14

Black	White	White	05.9524.ER
Black	Black	White	05.9527.ER

Black	White	White	05.9524.ES
Black	Black	White	05.9528.ES

Black	White	White	05.9524.EQ
Black	Black	White	05.9526.EQ

Black	White	White	05.9524.TK
Black	Black	White	05.9526.TK



### Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 100-240V 12W	60.8529A
Non Dimmable 100-277V 18W	60.9387
Non Dimmable 220-240V 32W	60.9592
Non Dimmable 220-240V 42W	RF27370
Dim Dali 2 220-240V 38W	RF30699
Dim Dali 2 220-240V 20W	60.9713.0700
Dim 1-10V/Push 110-240V	60.9208
Dim 1-10V	60.9845
Mains Dimming	60.9467
Mains Dimming	60.9692
Dim Casambi/Push	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Flood 3000K

R	E	I	Code
White	White	White	05.9550.40
White	White	Black	05.9551.40
White	Black	White	05.9552.40
White	Black	Black	05.9553.40

Black	White	White	05.9555.40
Black	White	Black	05.9554.40
Black	Black	White	05.9556.40
Black	Black	Black	05.9557.40

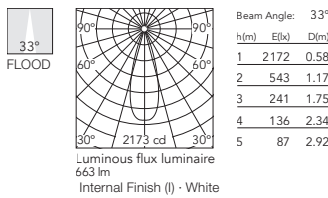
Black	White	White	05.9555.14
Black	White	Black	05.9554.14
Black	Black	White	05.9556.14
Black	Black	Black	05.9557.14

Black	White	White	05.9554.ER
Black	Black	White	05.9557.ER

Black	White	White	05.9554.ES
Black	Black	White	05.9558.ES

Black	White	White	05.9554.EQ
Black	Black	White	05.9556.EQ

Black	White	White	05.9554.TK
Black	Black	White	05.9556.TK



### Optic Flood 4000K

R	E	I	Code
White	White	White	05.9580.40
White	White	Black	05.9581.40
White	Black	White	05.9582.40
White	Black	Black	05.9583.40

Black	White	White	05.9585.40
Black	White	Black	05.9584.40
Black	Black	White	05.9586.40
Black	Black	Black	05.9587.40

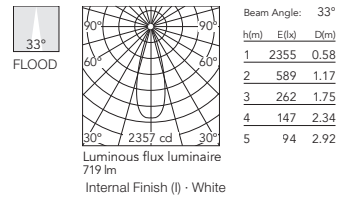
Black	White	White	05.9585.14
Black	White	Black	05.9584.14
Black	Black	White	05.9586.14
Black	Black	Black	05.9587.14

Black	White	White	05.9584.ER
Black	Black	White	05.9587.ER

Black	White	White	05.9584.ES
Black	Black	White	05.9588.ES

Black	White	White	05.9584.EQ
Black	Black	White	05.9586.EQ

Black	White	White	05.9584.TK
Black	Black	White	05.9586.TK



Accessori / Accessories

Light Shadow PRO Ø45 Push

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Pannello nido d'ape	Honeycomb		08.0793.00
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Filtro bicromatico CCT	Dichroic CCT Filter	 	<p>Increase</p> <p>2700K &gt;&gt; 3125±75K                  3000K &gt;&gt; 3600±75K                  4000K &gt;&gt; 5100±75K                  08.0794.00</p> <p>Decrease</p> <p>2700K &gt;&gt; 2450±75K                  3000K &gt;&gt; 2700±75K                  4000K &gt;&gt; 3400±75K                  08.0795.00</p>
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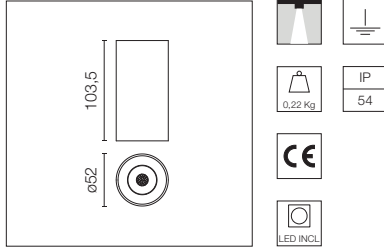
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Disponibile solo in colore nero. Per altri colori, verificare la disponibilità. / Only available in black. For other colours, please ask.

# LIGHT SHADOW PRO

## Light Shadow PRO Ø45 Surface

**Light Source:** LED Array DC 250 mA 8,8W - 800 lm - 2700K/CRI 90 / 8,8W - 845 lm - 3000K/CRI 90 / 8,8W - 915 lm - 4000K/CRI 90



Lampada da installare in superficie.  
Fonte di alimentazione 220-240V  
integrata. Tenuta stagna IP54.

Luminaire for surface installation.  
Integrated 220-240 V power supply.  
IP54 watertightness.

E= Finitura esterna  
I= Finitura interna

E= External Finish  
I= Internal Finish

### Optic Spot 2700K

E	I	
■	■	05.2700.40
■	■	05.2701.40
■	■	05.2702.40
■	■	05.2703.40

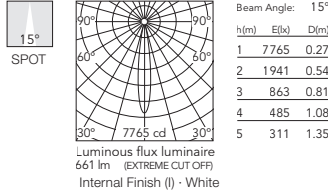
■	■	05.2700.14
■	■	05.2701.14
■	■	05.2702.14
■	■	05.2703.14

■	■	05.2701.ER
■	■	05.2703.ER

■	■	05.2701.ES
■	■	05.2704.ES

■	■	05.2701.EQ
■	■	05.2702.EQ

■	■	05.2701.TK
■	■	05.2702.TK



### Optic Medium 2700K

E	I	
■	■	05.2705.40
■	■	05.2706.40
■	■	05.2707.40
■	■	05.2708.40

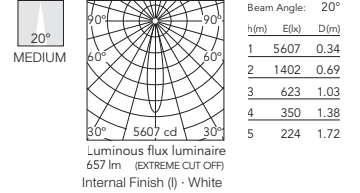
■	■	05.2705.14
■	■	05.2706.14
■	■	05.2707.14
■	■	05.2708.14

■	■	05.2706.ER
■	■	05.2708.ER

■	■	05.2706.ES
■	■	05.2709.ES

■	■	05.2706.EQ
■	■	05.2707.EQ

■	■	05.2706.TK
■	■	05.2707.TK



### 3000K

E	I	
■	■	05.2720.40
■	■	05.2721.40
■	■	05.2722.40
■	■	05.2723.40

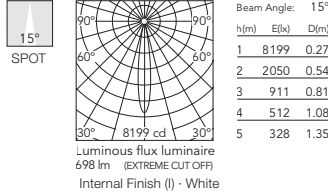
■	■	05.2720.14
■	■	05.2721.14
■	■	05.2722.14
■	■	05.2723.14

■	■	05.2721.ER
■	■	05.2723.ER

■	■	05.2721.ES
■	■	05.2724.ES

■	■	05.2721.EQ
■	■	05.2722.EQ

■	■	05.2721.TK
■	■	05.2722.TK



### 3000K

E	I	
■	■	05.2725.40
■	■	05.2726.40
■	■	05.2727.40
■	■	05.2728.40

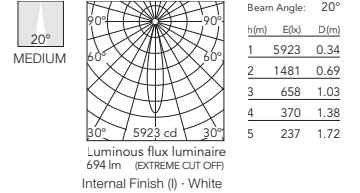
■	■	05.2725.14
■	■	05.2726.14
■	■	05.2727.14
■	■	05.2728.14

■	■	05.2726.ER
■	■	05.2728.ER

■	■	05.2726.ES
■	■	05.2729.ES

■	■	05.2726.EQ
■	■	05.2727.EQ

■	■	05.2726.TK
■	■	05.2727.TK



### 4000K

E	I	
■	■	05.2740.40
■	■	05.2741.40
■	■	05.2742.40
■	■	05.2743.40

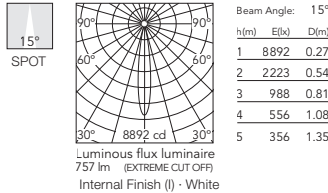
■	■	05.2740.14
■	■	05.2741.14
■	■	05.2742.14
■	■	05.2743.14

■	■	05.2741.ER
■	■	05.2743.ER

■	■	05.2741.ES
■	■	05.2744.ES

■	■	05.2741.EQ
■	■	05.2742.EQ

■	■	05.2741.TK
■	■	05.2742.TK



### 4000K

E	I	
■	■	05.2745.40
■	■	05.2746.40
■	■	05.2747.40
■	■	05.2748.40

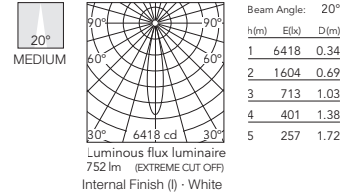
■	■	05.2745.14
■	■	05.2746.14
■	■	05.2747.14
■	■	05.2748.14

■	■	05.2746.ER
■	■	05.2748.ER

■	■	05.2746.ES
■	■	05.2749.ES

■	■	05.2746.EQ
■	■	05.2747.EQ

■	■	05.2746.TK
■	■	05.2747.TK



# LIGHT SHADOW PRO

## Optic Flood

E	I	
		05.2710.40
	■	05.2711.40
■	■	05.2712.40
■	■	05.2713.40

■	■	05.2710.14
■	■	05.2711.14
■	■	05.2712.14
■	■	05.2713.14

■	■	05.2711.ER
■	■	05.2713.ER

■	■	05.2711.ES
■	■	05.2714.ES

■	■	05.2711.EQ
■	■	05.2712.EQ

■	■	05.2711.TK
■	■	05.2712.TK

## 3000K

E	I	
		05.2730.40
	■	05.2731.40
■	■	05.2732.40
■	■	05.2733.40

■	■	05.2730.14
■	■	05.2731.14
■	■	05.2732.14
■	■	05.2733.14

■	■	05.2731.ER
■	■	05.2733.ER

■	■	05.2731.ES
■	■	05.2734.ES

■	■	05.2731.EQ
■	■	05.2732.EQ

■	■	05.2731.TK
■	■	05.2732.TK

## 4000K

E	I	
		05.2750.40
	■	05.2751.40
■	■	05.2752.40
■	■	05.2753.40

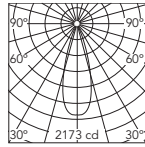
■	■	05.2750.14
■	■	05.2751.14
■	■	05.2752.14
■	■	05.2753.14

■	■	05.2751.ER
■	■	05.2753.ER

■	■	05.2751.ES
■	■	05.2754.ES

■	■	05.2751.EQ
■	■	05.2752.EQ

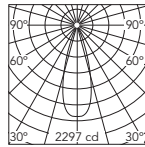
■	■	05.2751.TK
■	■	05.2752.TK



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2172	0.58
2	543	1.17
3	241	1.75
4	136	2.34
5	87	2.92

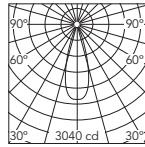
Luminous flux luminaire  
663 lm (EXTREME CUT OFF)  
Internal Finish (I) - White



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	2296	0.58
2	574	1.17
3	255	1.75
4	144	2.34
5	92	2.92

Luminous flux luminaire  
701 lm (EXTREME CUT OFF)  
Internal Finish (I) - White



Beam Angle: 33°

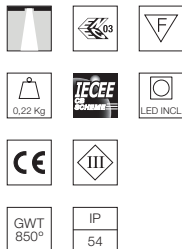
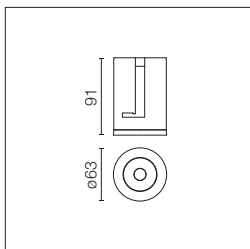
h(m)	E(lx)	D(m)
1	2490	0.58
2	622	1.17
3	277	1.75
4	156	2.34
5	100	2.92

Luminous flux luminaire  
760 lm (EXTREME CUT OFF)  
Internal Finish (I) - White

# LIGHT SHADOW PRO

## Light Shadow PRO Ø60 Fixed

Light Source: LED Array DC Up to 400 mA 15W - 1402 lm - 2700K/CRI 90 / 15W - 1427 lm - 3000K/CRI 90 / 15W - 1577 lm - 4000K/CRI 90  
LED Array DC 250 mA\*\* 9.5W - 883 lm - 2700K/CRI 90 / 9.5W - 950 lm - 3000K/CRI 90 / 9.5W - 1009 lm - 4000K/CRI 90



Modulo di illuminazione LED, a basso abbagliamento, da installare su cornici da incasso (non incluse), installazione con sistema a baionetta. Driver remoto non incluso.

\*\*Selezionare l'impostazione 250 mA nel driver remoto in modo che corrisponda alla potenza della versione "Adjustable".

LED lighting module, with low glare, to be inserted in the recessed frames (not included), installation through a bayonet system with interchangeable spots. Remote driver not included.

\*\*Please select 250 mA setting in the remote driver to match the power of the Adjustable version.

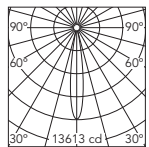
### Alimentazioni raccomandate / Recommended power supply\*:

	250mA	400mA
Non Dimmable 220-240V	RF31855	RF27370
Mains Dimming	60.9467	60.9467
Dim 1-10V 220-240V	60.9405	60.9439
Dim 0/1-10V/Push 110-240V	RF27961	RF27961
Dim Dali 2 220-240V	60.9406	RF30699
Dim Dali 2 110-240V	60.9222	60.9222
Dim Casambi	60.9874	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 03.9950.40A
- 03.9950.14
- 03.9950.ER
- 03.9950.ES
- 03.9950.EQ



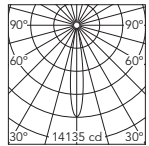
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	13613	0.27
2	3403	0.55
3	1513	0.82
4	850	1.09
5	544	1.36

Luminous flux luminaire 1191 lm

### 3000K

- 03.9954.40A
- 03.9954.14
- 03.9954.ER
- 03.9954.ES
- 03.9954.EQ



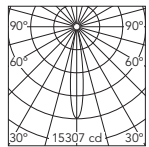
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	14135	0.27
2	3533	0.55
3	1571	0.82
4	883	1.09
5	565	1.36

Luminous flux luminaire 1237 lm

### 4000K

- 03.9910.40A
- 03.9910.14
- 03.9910.ER
- 03.9910.ES
- 03.9910.EQ



Beam Angle: 16°

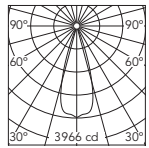
h(m)	E(lx)	D(m)
1	15307	0.27
2	3826	0.55
3	1701	0.82
4	956	1.09
5	612	1.36

Luminous flux luminaire 1339 lm

Internal Finish (I) - White

### Optic Flood 2700K

- 03.9952.40A
- 03.9952.14
- 03.9952.ER
- 03.9952.ES
- 03.9952.EQ



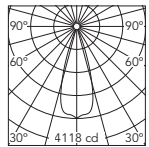
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3966	0.61
2	992	1.22
3	441	1.83
4	247	2.44
5	158	3.05

Luminous flux luminaire 1201 lm

### 3000K

- 03.9956.40A
- 03.9956.14
- 03.9956.ER
- 03.9956.ES
- 03.9956.EQ



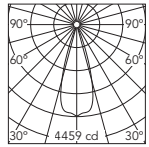
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	4118	0.61
2	1030	1.22
3	458	1.83
4	257	2.44
5	165	3.05

Luminous flux luminaire 1247 lm

### 4000K

- 03.9912.40A
- 03.9912.14
- 03.9912.ER
- 03.9912.ES
- 03.9912.EQ



Beam Angle: 34°

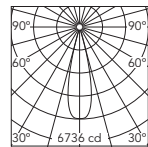
h(m)	E(lx)	D(m)
1	4459	0.61
2	1115	1.22
3	495	1.83
4	278	2.44
5	178	3.05

Luminous flux luminaire 1350 lm

Internal Finish (I) - White

### Optic Medium 2700K

- 03.9951.40A
- 03.9951.14
- 03.9951.ER
- 03.9951.ES
- 03.9951.EQ



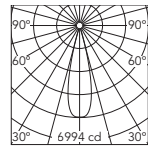
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	6736	0.45
2	1684	0.90
3	748	1.36
4	421	1.81
5	269	2.26

Luminous flux luminaire 1180 lm

### 3000K

- 03.9955.40A
- 03.9955.14
- 03.9955.ER
- 03.9955.ES
- 03.9955.EQ



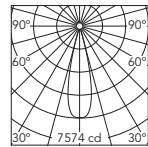
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	6994	0.45
2	1749	0.90
3	777	1.36
4	438	1.81
5	279	2.26

Luminous flux luminaire 1226 lm

### 4000K

- 03.9911.40A
- 03.9911.14
- 03.9911.ER
- 03.9911.ES
- 03.9911.EQ



Beam Angle: 25°

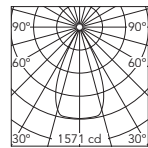
h(m)	E(lx)	D(m)
1	7574	0.45
2	1894	0.90
3	841	1.36
4	474	1.81
5	303	2.26

Luminous flux luminaire 1327 lm

Internal Finish (I) - White

### Optic Wide Flood 2700K

- 03.9953.40A
- 03.9953.14
- 03.9953.ER
- 03.9953.ES
- 03.9953.EQ



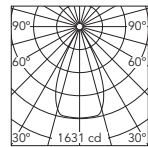
Beam Angle: 51°

h(m)	E(lx)	D(m)
1	1571	0.95
2	393	1.89
3	174	2.84
4	98	3.79
5	63	4.74

Luminous flux luminaire 1171 lm

### 3000K

- 03.9957.40A
- 03.9957.14
- 03.9957.ER
- 03.9957.ES
- 03.9957.EQ



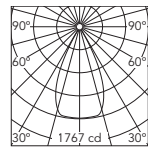
Beam Angle: 51°

h(m)	E(lx)	D(m)
1	1631	0.95
2	408	1.89
3	181	2.84
4	102	3.79
5	66	4.74

Luminous flux luminaire 1216 lm

### 4000K

- 03.9913.40A
- 03.9913.14
- 03.9913.ER
- 03.9913.ES
- 03.9913.EQ



Beam Angle: 51°

h(m)	E(lx)	D(m)
1	1767	0.95
2	442	1.89
3	196	2.84
4	111	3.79
5	71	4.74

Luminous flux luminaire 1316 lm

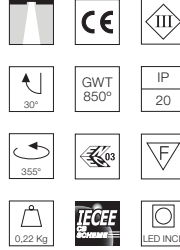
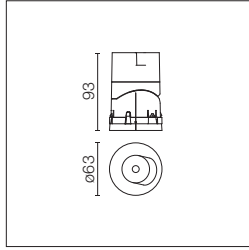
Internal Finish (I) - White



# LIGHT SHADOW PRO

## Light Shadow PRO Ø60 Adjustable

Light Source: LED Array DC 800 mA 10,5W - 888 lm - 2700K/CRI 90 / 10,5W - 923 lm - 3000K/CRI 90 / 10,5W - 963 lm - 4000K/CRI 90



Modulo di illuminazione LED, a basso abbagliamento, da installare su cornici da incasso (non incluse), con spots intercambiabili. Driver remoto non incluso.

LED lighting module, with low glare, to be inserted in the recessed frames (not included), with interchangeable spots. Remote driver not included.

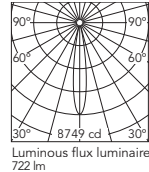
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 220-240V	RF27370
Mains Dimming	60.9467
Dim 1-10V 220-240V	60.9439
Dim 0/1-10V/Push 110-240V	RF27961
Dim Dali 2 220-240V	RF30699
Dim Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 03.9971.40B
- 03.9971.14A
- 03.9971.ERA
- 03.9971.ESA
- 03.9971.EQA

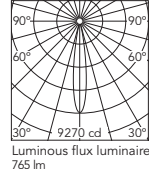


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	8749	0.28
2	2187	0.55
3	972	0.83
4	547	1.11
5	350	1.39

### 3000K

- 03.9976.40B
- 03.9976.14A
- 03.9976.ERA
- 03.9976.ESA
- 03.9976.EQA

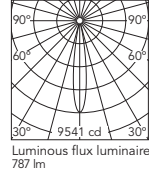


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	9270	0.28
2	2317	0.55
3	1030	0.83
4	579	1.11
5	371	1.39

### 4000K

- 03.9931.40B
- 03.9931.14A
- 03.9931.ERA
- 03.9931.ESA
- 03.9931.EQA

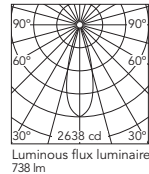


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	9541	0.28
2	2385	0.55
3	1060	0.83
4	596	1.11
5	382	1.39

### Optic Flood 2700K

- 03.9973.40B
- 03.9973.14A
- 03.9973.ERA
- 03.9973.ESA
- 03.9973.EQA

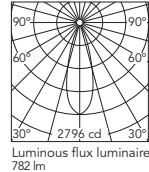


Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2638	0.56
2	659	1.11
3	293	1.67
4	165	2.23
5	106	2.79

### 3000K

- 03.9978.40B
- 03.9978.14A
- 03.9978.ERA
- 03.9978.ESA
- 03.9978.EQA

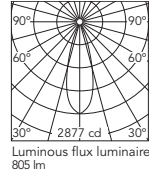


Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2796	0.56
2	699	1.11
3	311	1.67
4	174	2.23
5	112	2.79

### 4000K

- 03.9933.40B
- 03.9933.14A
- 03.9933.ERA
- 03.9933.ESA
- 03.9933.EQA

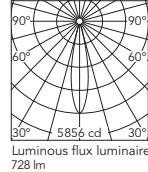


Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2877	0.56
2	719	1.11
3	320	1.67
4	180	2.23
5	115	2.79

### Optic Medium 2700K

- 03.9972.40B
- 03.9972.14A
- 03.9972.ERA
- 03.9972.ESA
- 03.9972.EQA

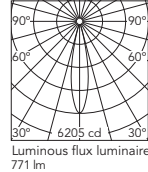


Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5856	0.37
2	1464	0.73
3	651	1.10
4	366	1.47
5	234	1.83

### 3000K

- 03.9977.40B
- 03.9977.14A
- 03.9977.ERA
- 03.9977.ESA
- 03.9977.EQA

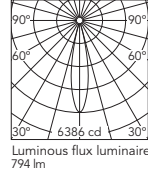


Beam Angle: 21°

h(m)	E(lx)	D(m)
1	6205	0.37
2	1552	0.73
3	689	1.10
4	388	1.47
5	248	1.83

### 4000K

- 03.9932.40B
- 03.9932.14A
- 03.9932.ERA
- 03.9932.ESA
- 03.9932.EQA



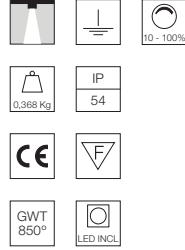
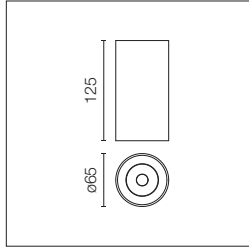
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	6386	0.37
2	1597	0.73
3	710	1.10
4	399	1.47
5	256	1.83

# LIGHT SHADOW PRO

## Light Shadow PRO Ø60 Surface

Light Source: LED Array DC Up to 300 mA 15W - 1185 lm - 2700K/CRI 90 / 15W - 1275 lm - 3000K/CRI 90 / 15W - 1355 lm - 4000K/CRI 90



Lampada da installazione in superficie. Fonte di alimentazione 220-240V integrata. Per le versioni regolabili, consultare i dimmers raccomandati. Tenuta stagna IP54.

Luminaire for surface installation. Integrated 220-240 V power supply. For dimmable versions, please refer to the recommended dimmers. IP54 watertightness.

E= Finitura esterna  
I= Finitura interna

E= External Finish  
I= Internal Finish

### Non Dimmable Optic Spot - 2700K

E	I	05.2600.40
E	I	05.2601.40
E	I	05.2602.40
E	I	05.2603.40

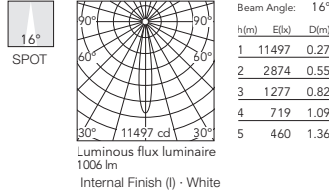
E	I	05.2600.14
E	I	05.2601.14
E	I	05.2602.14
E	I	05.2603.14

E	I	05.2601.ER
E	I	05.2603.ER

E	I	05.2601.ES
E	I	05.2604.ES

E	I	05.2601.EQ
E	I	05.2602.EQ

E	I	05.2601.TK
E	I	05.2602.TK



### Mains Dimming Optic Spot -2700K

E	I	05.2600.40.NI
E	I	05.2601.40.NI
E	I	05.2602.40.NI
E	I	05.2603.40.NI

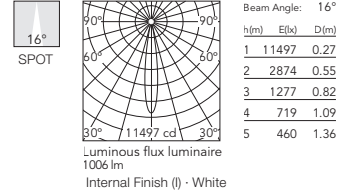
E	I	05.2600.14.NI
E	I	05.2601.14.NI
E	I	05.2602.14.NI
E	I	05.2603.14.NI

E	I	05.2601.ER.NI
E	I	05.2603.ER.NI

E	I	05.2601.ES.NI
E	I	05.2604.ES.NI

E	I	05.2601.EQ.NI
E	I	05.2602.EQ.NI

E	I	05.2601.TK.NI
E	I	05.2602.TK.NI



### Optic Spot - 3000K

E	I	05.2620.40
E	I	05.2621.40
E	I	05.2622.40
E	I	05.2623.40

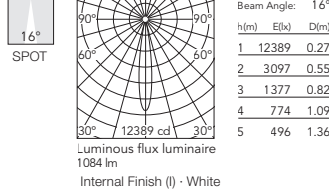
E	I	05.2620.14
E	I	05.2621.14
E	I	05.2622.14
E	I	05.2623.14

E	I	05.2621.ER
E	I	05.2623.ER

E	I	05.2621.ES
E	I	05.2624.ES

E	I	05.2621.EQ
E	I	05.2622.EQ

E	I	05.2621.TK
E	I	05.2622.TK



### Optic Spot - 3000K

E	I	05.2620.40.NI
E	I	05.2621.40.NI
E	I	05.2622.40.NI
E	I	05.2623.40.NI

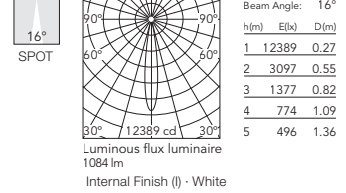
E	I	05.2620.14.NI
E	I	05.2621.14.NI
E	I	05.2622.14.NI
E	I	05.2623.14.NI

E	I	05.2621.ER.NI
E	I	05.2623.ER.NI

E	I	05.2621.ES.NI
E	I	05.2624.ES.NI

E	I	05.2621.EQ.NI
E	I	05.2622.EQ.NI

E	I	05.2621.TK.NI
E	I	05.2622.TK.NI



### Optic Spot - 4000K

E	I	05.2640.40
E	I	05.2641.40
E	I	05.2642.40
E	I	05.2643.40

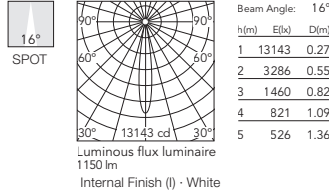
E	I	05.2640.14
E	I	05.2641.14
E	I	05.2642.14
E	I	05.2643.14

E	I	05.2641.ER
E	I	05.2643.ER

E	I	05.2641.ES
E	I	05.2644.ES

E	I	05.2641.EQ
E	I	05.2642.EQ

E	I	05.2641.TK
E	I	05.2642.TK



### Optic Spot - 4000K

E	I	05.2640.40.NI
E	I	05.2641.40.NI
E	I	05.2642.40.NI
E	I	05.2643.40.NI

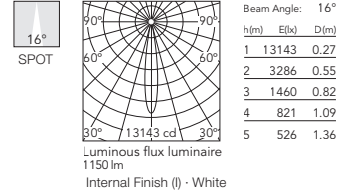
E	I	05.2640.14.NI
E	I	05.2641.14.NI
E	I	05.2642.14.NI
E	I	05.2643.14.NI

E	I	05.2641.ER.NI
E	I	05.2643.ER.NI

E	I	05.2641.ES.NI
E	I	05.2644.ES.NI

E	I	05.2641.EQ.NI
E	I	05.2642.EQ.NI

E	I	05.2641.TK.NI
E	I	05.2642.TK.NI



# LIGHT SHADOW PRO

## Non Dimmable Optic Medium - 2700K

E	I	Code
□	□	05.2605.40
□	■	05.2606.40
□	■	05.2607.40
□	■	05.2608.40

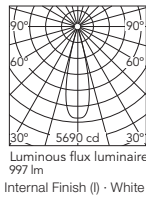
■	□	05.2605.14
■	□	05.2606.14
■	□	05.2607.14
■	□	05.2608.14

■	■	05.2606.ER
■	■	05.2608.ER

■	■	05.2606.ES
■	■	05.2609.ES

■	■	05.2606.EQ
■	■	05.2607.EQ

■	■	05.2606.TK
■	■	05.2607.TK



## Mains Dimming Optic Medium - 2700K

E	I	Code
□	□	05.2605.40.NI
□	■	05.2606.40.NI
□	■	05.2607.40.NI
□	■	05.2608.40.NI

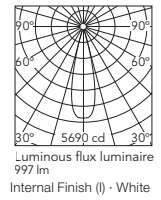
■	□	05.2605.14.NI
■	□	05.2606.14.NI
■	□	05.2607.14.NI
■	□	05.2608.14.NI

■	■	05.2606.ER.NI
■	■	05.2608.ER.NI

■	■	05.2606.ES.NI
■	■	05.2609.ES.NI

■	■	05.2606.EQ.NI
■	■	05.2607.EQ.NI

■	■	05.2606.TK.NI
■	■	05.2607.TK.NI



## Optic Medium - 3000K

E	I	Code
□	□	05.2625.40
□	■	05.2626.40
□	■	05.2627.40
□	■	05.2628.40

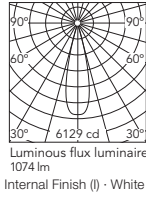
■	□	05.2625.14
■	□	05.2626.14
■	□	05.2627.14
■	□	05.2628.14

■	■	05.2626.ER
■	■	05.2628.ER

■	■	05.2626.ES
■	■	05.2629.ES

■	■	05.2626.EQ
■	■	05.2627.EQ

■	■	05.2626.TK
■	■	05.2627.TK



## Optic Medium - 3000K

E	I	Code
□	□	05.2625.40.NI
□	■	05.2626.40.NI
□	■	05.2627.40.NI
□	■	05.2628.40.NI

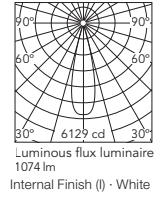
■	□	05.2625.14.NI
■	□	05.2626.14.NI
■	□	05.2627.14.NI
■	□	05.2628.14.NI

■	■	05.2626.ER.NI
■	■	05.2628.ER.NI

■	■	05.2626.ES.NI
■	■	05.2629.ES.NI

■	■	05.2626.EQ.NI
■	■	05.2627.EQ.NI

■	■	05.2626.TK.NI
■	■	05.2627.TK.NI



## Optic Medium - 4000K

E	I	Code
□	□	05.2645.40
□	■	05.2646.40
□	■	05.2647.40
□	■	05.2648.40

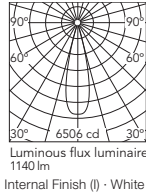
■	□	05.2645.14
■	□	05.2646.14
■	□	05.2647.14
■	□	05.2648.14

■	■	05.2646.ER
■	■	05.2648.ER

■	■	05.2646.ES
■	■	05.2649.ES

■	■	05.2646.EQ
■	■	05.2647.EQ

■	■	05.2646.TK
■	■	05.2647.TK



## Optic Medium - 4000K

E	I	Code
□	□	05.2645.40.NI
□	■	05.2646.40.NI
□	■	05.2647.40.NI
□	■	05.2648.40.NI

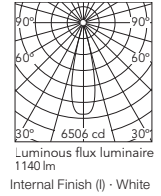
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■	□	05.2646.14.NI
■	□	05.2647.14.NI
■	□	05.2648.14.NI

■	■	05.2646.ER.NI
■	■	05.2648.ER.NI

■	■	05.2646.ES.NI
■	■	05.2649.ES.NI

■	■	05.2646.EQ.NI
■	■	05.2647.EQ.NI

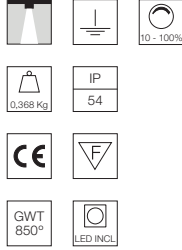
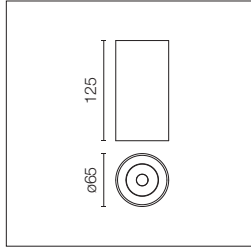
■	■	05.2646.TK.NI
■	■	05.2647.TK.NI



# LIGHT SHADOW PRO

## Light Shadow PRO Ø60 Surface

**Light Source:** LED Array DC Up to 300 mA 15W - 1185 lm - 2700K/CRI 90 / 15W - 1275 lm - 3000K/CRI 90 / 15W - 1355 lm - 4000K/CRI 90



Lampada da installazione in superficie. Fonte di alimentazione 220-240V integrata. Per le versioni regolabili, consultare i dimmers raccomandati. Tenuta stagna IP54.

Luminaire for surface installation. Integrated 220-240 V power supply. For dimmable versions, please refer to the recommended dimmers. IP54 watertightness.

E= Finitura esterna  
I= Finitura interna

E= External Finish  
I= Internal Finish

### Non Dimmable Optic Flood - 2700K

E	I	Code
□	□	05.2610.40
□	■	05.2611.40
■	□	05.2612.40
■	■	05.2613.40

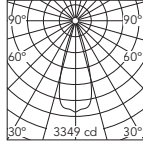
■	□	05.2610.14
■	■	05.2611.14
■	■	05.2612.14
■	■	05.2613.14

■	■	05.2611.ER
■	■	05.2613.ER

■	■	05.2611.ES
■	■	05.2614.ES

■	■	05.2611.EQ
■	■	05.2612.EQ

■	■	05.2611.TK
■	■	05.2612.TK



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3349	0.61
2	837	1.22
3	372	1.83
4	209	2.44
5	134	3.05

Luminous flux luminaire  
1014 lm  
Internal Finish (I) - White

### Mains Dimming Optic Flood - 2700K

E	I	Code
□	□	05.2610.40.NI
□	■	05.2611.40.NI
■	□	05.2612.40.NI
■	■	05.2613.40.NI

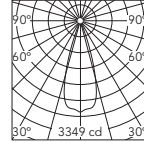
■	□	05.2610.14.NI
■	■	05.2611.14.NI
■	■	05.2612.14.NI
■	■	05.2613.14.NI

■	■	05.2611.ER.NI
■	■	05.2613.ER.NI

■	■	05.2611.ES.NI
■	■	05.2614.ES.NI

■	■	05.2611.EQ.NI
■	■	05.2612.EQ.NI

■	■	05.2611.TK.NI
■	■	05.2612.TK.NI



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3349	0.61
2	837	1.22
3	372	1.83
4	209	2.44
5	134	3.05

Luminous flux luminaire  
1014 lm  
Internal Finish (I) - White

### Optic Flood - 3000K

E	I	Code
□	□	05.2630.40
□	■	05.2631.40
■	□	05.2632.40
■	■	05.2633.40

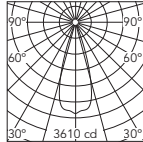
■	□	05.2630.14
■	■	05.2631.14
■	■	05.2632.14
■	■	05.2633.14

■	■	05.2631.ER
■	■	05.2633.ER

■	■	05.2631.ES
■	■	05.2634.ES

■	■	05.2631.EQ
■	■	05.2632.EQ

■	■	05.2631.TK
■	■	05.2632.TK



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3610	0.61
2	903	1.22
3	401	1.83
4	226	2.44
5	144	3.05

Luminous flux luminaire  
1093 lm  
Internal Finish (I) - White

### Optic Flood - 3000K

E	I	Code
□	□	05.2630.40.NI
□	■	05.2631.40.NI
■	□	05.2632.40.NI
■	■	05.2633.40.NI

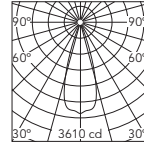
■	□	05.2630.14.NI
■	■	05.2631.14.NI
■	■	05.2632.14.NI
■	■	05.2633.14.NI

■	■	05.2631.ER.NI
■	■	05.2633.ER.NI

■	■	05.2631.ES.NI
■	■	05.2634.ES.NI

■	■	05.2631.EQ.NI
■	■	05.2632.EQ.NI

■	■	05.2631.TK.NI
■	■	05.2632.TK.NI



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3610	0.61
2	903	1.22
3	401	1.83
4	226	2.44
5	144	3.05

Luminous flux luminaire  
1093 lm  
Internal Finish (I) - White

### Optic Flood - 4000K

E	I	Code
□	□	05.2650.40
□	■	05.2651.40
■	□	05.2652.40
■	■	05.2653.40

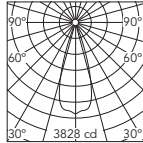
■	□	05.2650.14
■	■	05.2651.14
■	■	05.2652.14
■	■	05.2653.14

■	■	05.2651.ER
■	■	05.2653.ER

■	■	05.2651.ES
■	■	05.2654.ES

■	■	05.2651.EQ
■	■	05.2652.EQ

■	■	05.2651.TK
■	■	05.2652.TK



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3828	0.61
2	957	1.22
3	425	1.83
4	239	2.44
5	153	3.05

Luminous flux luminaire  
1159 lm  
Internal Finish (I) - White

### Optic Flood - 4000K

E	I	Code
□	□	05.2650.40.NI
□	■	05.2651.40.NI
■	□	05.2652.40.NI
■	■	05.2653.40.NI

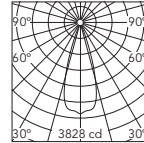
■	□	05.2650.14.NI
■	■	05.2651.14.NI
■	■	05.2652.14.NI
■	■	05.2653.14.NI

■	■	05.2651.ER.NI
■	■	05.2653.ER.NI

■	■	05.2651.ES.NI
■	■	05.2654.ES.NI

■	■	05.2651.EQ.NI
■	■	05.2652.EQ.NI

■	■	05.2651.TK.NI
■	■	05.2652.TK.NI



Beam Angle: 34°

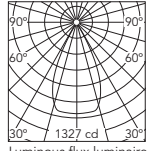
h(m)	E(lx)	D(m)
1	3828	0.61
2	957	1.22
3	425	1.83
4	239	2.44
5	153	3.05

Luminous flux luminaire  
1159 lm  
Internal Finish (I) - White

# LIGHT SHADOW PRO

## Non Dimmable Optic Wide Flood - 2700K

E	I	
		05.2615.40
		05.2616.40
		05.2617.40
		05.2618.40



Luminous flux luminaire  
989 lm  
Internal Finish (I) - White

		05.2615.14
		05.2616.14
		05.2617.14
		05.2618.14

		05.2616.ER
		05.2618.ER

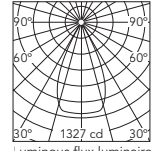
		05.2616.ES
		05.2619.ES

		05.2616.EQ
		05.2617.EQ

		05.2616.TK
		05.2617.TK

## Mains Dimming Optic Wide Flood - 2700K

E	I	
		05.2615.40.NI
		05.2616.40.NI
		05.2617.40.NI
		05.2618.40.NI



Luminous flux luminaire  
989 lm  
Internal Finish (I) - White

		05.2615.14.NI
		05.2616.14.NI
		05.2617.14.NI
		05.2618.14.NI

		05.2616.ER.NI
		05.2618.ER.NI

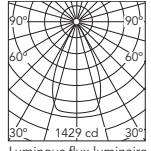
		05.2616.ES.NI
		05.2619.ES.NI

		05.2616.EQ.NI
		05.2617.EQ.NI

		05.2616.TK.NI
		05.2617.TK.NI

## Optic Wide Flood - 3000K

E	I	
		05.2635.40
		05.2636.40
		05.2637.40
		05.2638.40



Luminous flux luminaire  
1065 lm  
Internal Finish (I) - White

		05.2635.14
		05.2636.14
		05.2637.14
		05.2638.14

		05.2636.ER
		05.2638.ER

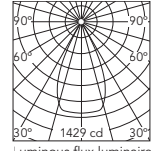
		05.2636.ES
		05.2639.ES

		05.2636.EQ
		05.2637.EQ

		05.2636.TK
		05.2637.TK

## Optic Wide Flood - 3000K

E	I	
		05.2635.40.NI
		05.2636.40.NI
		05.2637.40.NI
		05.2638.40.NI



Luminous flux luminaire  
1065 lm  
Internal Finish (I) - White

		05.2635.14.NI
		05.2636.14.NI
		05.2637.14.NI
		05.2638.14.NI

		05.2636.ER.NI
		05.2638.ER.NI

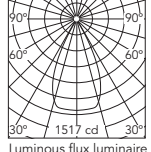
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		05.2639.ES.NI

		05.2636.EQ.NI
		05.2637.EQ.NI

		05.2636.TK.NI
		05.2637.TK.NI

## Optic Wide Flood - 4000K

E	I	
		05.2655.40
		05.2656.40
		05.2657.40
		05.2658.40



Luminous flux luminaire  
1130 lm  
Internal Finish (I) - White

		05.2655.14
		05.2656.14
		05.2657.14
		05.2658.14

		05.2656.ER
		05.2658.ER

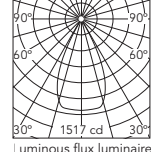
		05.2656.ES
		05.2659.ES

		05.2656.EQ
		05.2657.EQ

		05.2656.TK
		05.2657.TK

## Optic Wide Flood - 4000K

E	I	
		05.2655.40.NI
		05.2656.40.NI
		05.2657.40.NI
		05.2658.40.NI



Luminous flux luminaire  
1130 lm  
Internal Finish (I) - White

		05.2655.14.NI
		05.2656.14.NI
		05.2657.14.NI
		05.2658.14.NI

		05.2656.ER.NI
		05.2658.ER.NI

		05.2656.ES.NI
		05.2659.ES.NI

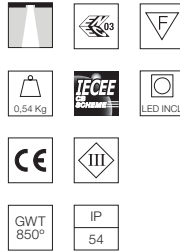
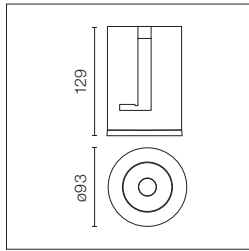
		05.2656.EQ.NI
		05.2657.EQ.NI

		05.2656.TK.NI
		05.2657.TK.NI

# LIGHT SHADOW PRO

## Light Shadow PRO Ø90 Fixed

**Light Source:** Super Spot: LED Array DC 500 mA 18W - 1636 lm - 2700K/CRI 90 / 18W - 1723 lm - 3000K/CRI 90 / 18W - 1815 lm - 4000K/CRI 90  
 S/M/F/WF: LED Array DC 600 mA 22W - 2191 lm - 2700K/CRI 90 / 22W - 2339 lm - 3000K/CRI 90 / 22W - 2457 lm - 4000K/CRI 90  
 S/M/F/WF: LED Array DC 500 mA\*\* 18W - 1803 lm - 2700K/CRI 90 / 18W - 1921 lm - 3000K/CRI 90 / 18W - 2057 lm - 4000K/CRI 90



Modulo di illuminazione LED, a basso abbagliamento, da installare su cornici da incasso (non incluse), installazione con sistema a baionetta. Driver remoto non incluso.

\*\*Selezionare l'impostazione 500 mA nel driver remoto in modo che corrisponda alla potenza della versione "Adjustable".

LED lighting module, with low glare, to be inserted in the recessed frames (not included), installation through a bayonet system with interchangeable spots. Remote driver not included.

\*\*Please select 500 mA setting in the remote driver to match the power of the Adjustable version.

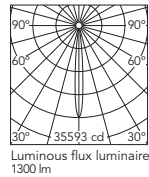
### Alimentazioni raccomandate / Recommended power supply\*:

	500mA	600mA
Non Dimmable 220-240V	RF27370	RF27370
Non Dimmable 110-240V	60.9387	60.9387
Mains Dimming	60.9467	60.9692
Dim 1-10V 220-240V	60.9439	60.9439
Dim 0/1-10V/Push 110-240V	RF27961	RF21466
Dim Dali 2 220-240V	RF30699	RF30699
Dim Casambi	60.9207	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Super Spot 2700K

- 03.9968.40A
- 03.9968.14
- 03.9968.ER
- 03.9968.ES
- 03.9968.EQ

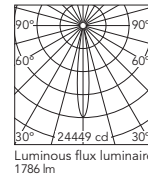


Beam Angle: 10°	h(m)	E(lx)	D(m)
1	35593	0.17	
2	8898	0.34	
3	3955	0.51	
4	2225	0.67	
5	1424	0.84	

Luminous flux luminaire 1300 lm

### Optic Spot 2700K

- 03.9960.40A
- 03.9960.14
- 03.9960.ER
- 03.9960.ES
- 03.9960.EQ

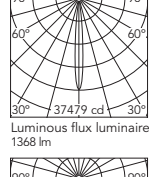


Beam Angle: 14°	h(m)	E(lx)	D(m)
1	24449	0.25	
2	6112	0.50	
3	2717	0.75	
4	1528	1.00	
5	978	1.25	

Luminous flux luminaire 1786 lm

### 3000K

- 03.9969.40A
- 03.9969.14
- 03.9969.ER
- 03.9969.ES
- 03.9969.EQ

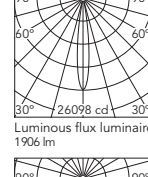


Beam Angle: 10°	h(m)	E(lx)	D(m)
1	37479	0.17	
2	9370	0.34	
3	4164	0.51	
4	2342	0.67	
5	1499	0.84	

Luminous flux luminaire 1368 lm

### 3000K

- 03.9964.40A
- 03.9964.14
- 03.9964.ER
- 03.9964.ES
- 03.9964.EQ

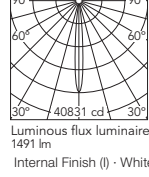


Beam Angle: 14°	h(m)	E(lx)	D(m)
1	26098	0.25	
2	6524	0.50	
3	2900	0.75	
4	1631	1.00	
5	1044	1.25	

Luminous flux luminaire 1906 lm

### 4000K

- 03.9924.40A
- 03.9924.14
- 03.9924.ER
- 03.9924.ES
- 03.9924.EQ

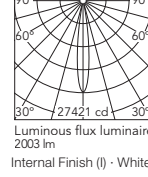


Beam Angle: 10°	h(m)	E(lx)	D(m)
1	40831	0.17	
2	10208	0.34	
3	4537	0.51	
4	2552	0.67	
5	1633	0.84	

Luminous flux luminaire 1491 lm

### 4000K

- 03.9920.40A
- 03.9920.14
- 03.9920.ER
- 03.9920.ES
- 03.9920.EQ

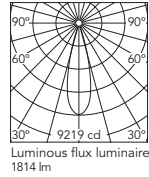


Beam Angle: 14°	h(m)	E(lx)	D(m)
1	27421	0.25	
2	6855	0.50	
3	3047	0.75	
4	1714	1.00	
5	1097	1.25	

Luminous flux luminaire 2003 lm

### Optic Medium 2700K

- 03.9961.40A
- 03.9961.14
- 03.9961.ER
- 03.9961.ES
- 03.9961.EQ

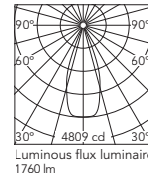


Beam Angle: 27°	h(m)	E(lx)	D(m)
1	9219	0.48	
2	2305	0.95	
3	1024	1.43	
4	576	1.90	
5	369	2.38	

Luminous flux luminaire 1814 lm

### Optic Flood 2700K

- 03.9962.40A
- 03.9962.14
- 03.9962.ER
- 03.9962.ES
- 03.9962.EQ

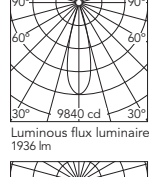


Beam Angle: 39°	h(m)	E(lx)	D(m)
1	4809	0.71	
2	1202	1.42	
3	534	2.13	
4	301	2.85	
5	192	3.56	

Luminous flux luminaire 1760 lm

### 3000K

- 03.9965.40A
- 03.9965.14
- 03.9965.ER
- 03.9965.ES
- 03.9965.EQ

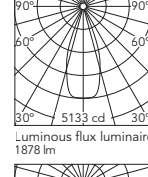


Beam Angle: 27°	h(m)	E(lx)	D(m)
1	9840	0.48	
2	2460	0.95	
3	1093	1.43	
4	615	1.90	
5	394	2.38	

Luminous flux luminaire 1936 lm

### 3000K

- 03.9966.40A
- 03.9966.14
- 03.9966.ER
- 03.9966.ES
- 03.9966.EQ

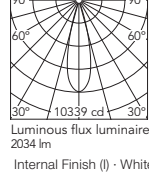


Beam Angle: 39°	h(m)	E(lx)	D(m)
1	5133	0.71	
2	1283	1.42	
3	570	2.13	
4	321	2.85	
5	205	3.56	

Luminous flux luminaire 1878 lm

### 4000K

- 03.9921.40A
- 03.9921.14
- 03.9921.ER
- 03.9921.ES
- 03.9921.EQ

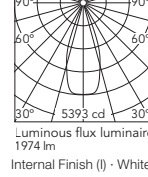


Beam Angle: 27°	h(m)	E(lx)	D(m)
1	10339	0.48	
2	2585	0.95	
3	1149	1.43	
4	646	1.90	
5	414	2.38	

Luminous flux luminaire 2034 lm

### 4000K

- 03.9922.40A
- 03.9922.14
- 03.9922.ER
- 03.9922.ES
- 03.9922.EQ



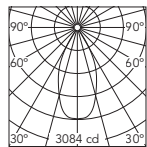
Beam Angle: 39°	h(m)	E(lx)	D(m)
1	5393	0.71	
2	1348	1.42	
3	599	2.13	
4	337	2.85	
5	216	3.56	

Luminous flux luminaire 1974 lm

# LIGHT SHADOW PRO

## Optic Wide Flood 2700K

- 03.9963.40A
- 03.9963.14
- 03.9963.ER
- 03.9963.ES
- 03.9963.EQ



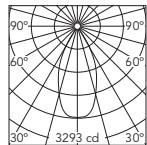
Beam Angle: 48°

h(m)	E(lx)	D(m)
1	3084	0.89
2	771	1.79
3	343	2.68
4	193	3.58
5	123	4.47

Luminous flux luminaire  
1872 lm

## 3000K

- 03.9967.40A
- 03.9967.14
- 03.9967.ER
- 03.9967.ES
- 03.9967.EQ



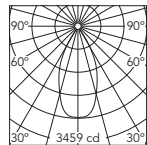
Beam Angle: 48°

h(m)	E(lx)	D(m)
1	3293	0.89
2	823	1.79
3	366	2.68
4	206	3.58
5	132	4.47

Luminous flux luminaire  
1999 lm

## 4000K

- 03.9923.40A
- 03.9923.14
- 03.9923.ER
- 03.9923.ES
- 03.9923.EQ



Beam Angle: 48°

h(m)	E(lx)	D(m)
1	3459	0.89
2	865	1.79
3	384	2.68
4	216	3.58
5	138	4.47

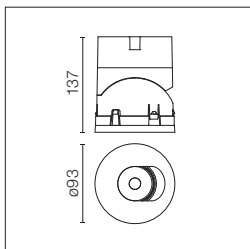
Luminous flux luminaire  
2100 lm

Internal Finish (I) - White

# LIGHT SHADOW PRO

## Light Shadow PRO Ø90 Adjustable

**Light Source:** Super Spot: LED Array DC 800 mA 10W - 870 lm - 2700K/CRI 90 / 10W - 914 lm - 3000K/CRI 90 / 10W - 949 lm - 4000K/CRI 90  
 S/M/F: LED Array DC 500 mA 18W - 1637 lm - 2700K/CRI 90 / 18W - 1722 lm - 3000K/CRI 90 / 18W - 1877 lm - 4000K/CRI 90



Modulo di illuminazione LED, a basso abbagliamento, da installare su cornici da incasso (non incluse), con spots intercambiabili. Driver remoto non incluso.

LED lighting module, with low glare, to be inserted in the recessed frames (not included), with interchangeable spots. Remote driver not included.

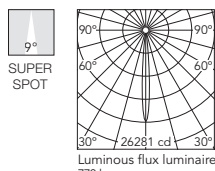
### Alimentazioni raccomandate / Recommended power supply\*:

	500mA 18W	800mA 10W
Non Dimmable 220-240V	RF27370	RF27370
Mains Dimming	60.9467	60.9467
Dim 1-10V 220-240V	60.9439	60.9439
Dim 0/1-10V/Push 110-240V	RF27961	RF27961
Dim Dali 2 220-240V	RF30699	RF30699
Dim Dali 2 110-240V	60.9222	60.9222
Dim Casambi	60.9207	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Super Spot 2700K

- 03.9980.40A
- 03.9980.14
- 03.9980.ER
- 03.9980.ES
- 03.9980.EQ

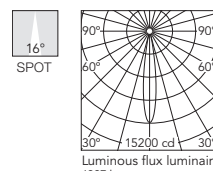


Beam Angle: 9°  
 h(m) E(lx) D(m)  
 1 26281 0.16  
 2 6570 0.31  
 3 2920 0.47  
 4 1643 0.62  
 5 1051 0.78

Luminous flux luminaire 770 lm

### Optic Spot 2700K

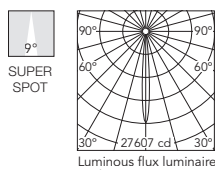
- 03.9981.40A
- 03.9981.14
- 03.9981.ER
- 03.9981.ES
- 03.9981.EQ



Beam Angle: 16°  
 h(m) E(lx) D(m)  
 1 15200 0.27  
 2 3800 0.54  
 3 1689 0.82  
 4 950 1.09  
 5 608 1.36

Luminous flux luminaire 1327 lm

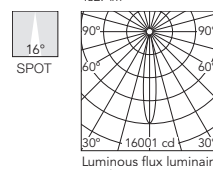
- ### 3000K
- 03.9985.40A
  - 03.9985.14
  - 03.9985.ER
  - 03.9985.ES
  - 03.9985.EQ



Beam Angle: 9°  
 h(m) E(lx) D(m)  
 1 27607 0.16  
 2 6902 0.31  
 3 3067 0.47  
 4 1725 0.62  
 5 1104 0.78

Luminous flux luminaire 808 lm

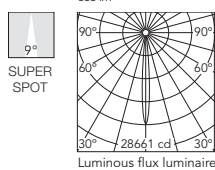
- ### 3000K
- 03.9986.40A
  - 03.9986.14
  - 03.9986.ER
  - 03.9986.ES
  - 03.9986.EQ



Beam Angle: 16°  
 h(m) E(lx) D(m)  
 1 16001 0.27  
 2 4000 0.54  
 3 1778 0.82  
 4 1000 1.09  
 5 640 1.36

Luminous flux luminaire 1397 lm

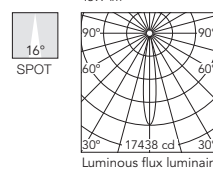
- ### 4000K
- 03.9940.40A
  - 03.9940.14
  - 03.9940.ER
  - 03.9940.ES
  - 03.9940.EQ



Beam Angle: 9°  
 h(m) E(lx) D(m)  
 1 28661 0.16  
 2 7165 0.31  
 3 3185 0.47  
 4 1791 0.62  
 5 1146 0.78

Luminous flux luminaire 839 lm

- ### 4000K
- 03.9941.40A
  - 03.9941.14
  - 03.9941.ER
  - 03.9941.ES
  - 03.9941.EQ

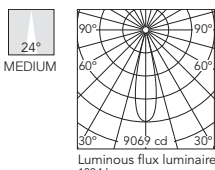


Beam Angle: 16°  
 h(m) E(lx) D(m)  
 1 17438 0.27  
 2 4359 0.54  
 3 1938 0.82  
 4 1090 1.09  
 5 698 1.36

Luminous flux luminaire 1522 lm

### Optic Medium 2700K

- 03.9982.40A
- 03.9982.14
- 03.9982.ER
- 03.9982.ES
- 03.9982.EQ

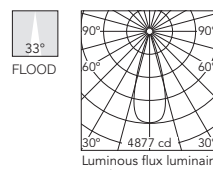


Beam Angle: 24°  
 h(m) E(lx) D(m)  
 1 9069 0.42  
 2 2267 0.83  
 3 1008 1.25  
 4 567 1.67  
 5 363 2.09

Luminous flux luminaire 1334 lm

### Optic Flood 2700K

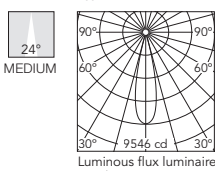
- 03.9983.40A
- 03.9983.14
- 03.9983.ER
- 03.9983.ES
- 03.9983.EQ



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 4877 0.60  
 2 1219 1.19  
 3 542 1.79  
 4 305 2.39  
 5 195 2.98

Luminous flux luminaire 1404 lm

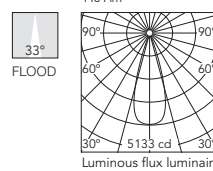
- ### 3000K
- 03.9987.40A
  - 03.9987.14
  - 03.9987.ER
  - 03.9987.ES
  - 03.9987.EQ



Beam Angle: 24°  
 h(m) E(lx) D(m)  
 1 9546 0.42  
 2 2386 0.83  
 3 1061 1.25  
 4 597 1.67  
 5 382 2.09

Luminous flux luminaire 1404 lm

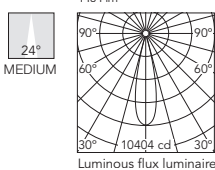
- ### 3000K
- 03.9988.40A
  - 03.9988.14
  - 03.9988.ER
  - 03.9988.ES
  - 03.9988.EQ



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 5133 0.60  
 2 1283 1.19  
 3 570 1.79  
 4 321 2.39  
 5 205 2.98

Luminous flux luminaire 1478 lm

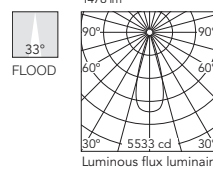
- ### 4000K
- 03.9942.40A
  - 03.9942.14
  - 03.9942.ER
  - 03.9942.ES
  - 03.9942.EQ



Beam Angle: 24°  
 h(m) E(lx) D(m)  
 1 10404 0.42  
 2 2601 0.83  
 3 1156 1.25  
 4 650 1.67  
 5 416 2.09

Luminous flux luminaire 1530 lm

- ### 4000K
- 03.9943.40A
  - 03.9943.14
  - 03.9943.ER
  - 03.9943.ES
  - 03.9943.EQ



Beam Angle: 33°  
 h(m) E(lx) D(m)  
 1 5533 0.60  
 2 1383 1.19  
 3 615 1.79  
 4 346 2.39  
 5 221 2.98

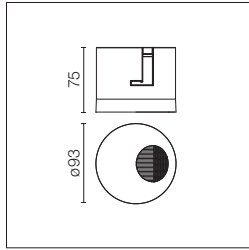
Luminous flux luminaire 1593 lm



# LIGHT SHADOW PRO

## Light Shadow PRO Ø90 Wall-Washer

**Light Source:** LED Array DC 500 mA 18W - 1593 lm - 2700K/CRI 90 / 18W - 1752 lm - 3000K/CRI 90 / 18W - 1867 lm - 4000K/CRI 90



Modulo di illuminazione LED, a basso abbagliamento, da installare su cornici da incasso (non incluse), installazione con sistema a baionetta. Driver remoto non incluso.

LED lighting module, with low glare, to be inserted in the recessed frames (not included), installation through a bayonet system with interchangeable spots. Remote driver not included.

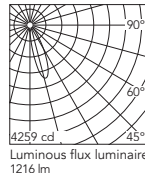
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 100-277V 18W	60.9387
Non Dimmable 220-240V 22W	RF31855
Non Dimmable 220-240V 42W	RF27370
Dim Dali 2 220-240V 38W	RF30699
Dim Dali 2 110-240V 20W	60.9222
Dim 1-10V/Push 110-240V	60.9208
Dim 1-10V	60.9845
Phase cut DIM	60.9467
Dim Casambi/Push	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Medium 2700K

- 03.9890.40
- 03.9890.14
- 03.9890.ER
- 03.9890.ES
- 03.9890.EQ

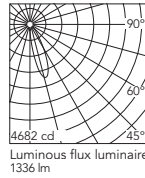


Beam Angle: 24°

h(m)	El(x)	D(m)
1	3773	0.47
2	943	0.94
3	419	1.41
4	236	1.88
5	151	2.34

### 3000K

- 03.9891.40
- 03.9891.14
- 03.9891.ER
- 03.9891.ES
- 03.9891.EQ

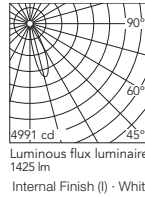


Beam Angle: 24°

h(m)	El(x)	D(m)
1	4147	0.47
2	1037	0.94
3	461	1.41
4	259	1.88
5	166	2.34

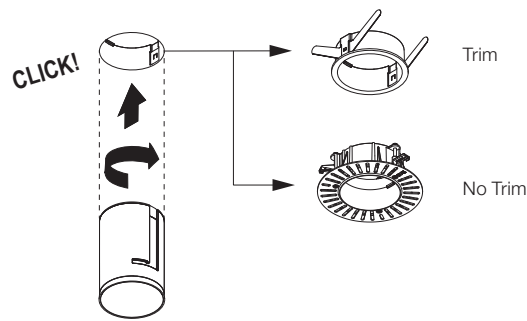
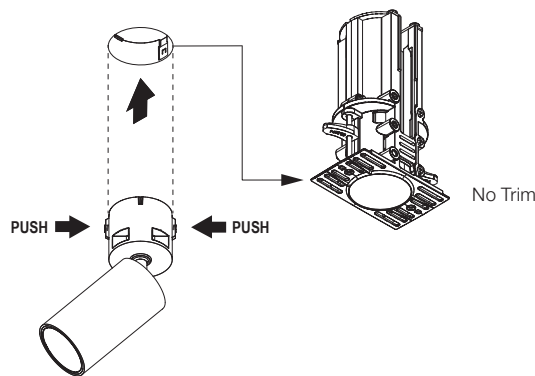
### 4000K

- 03.9892.40
- 03.9892.14
- 03.9892.ER
- 03.9892.ES
- 03.9892.EQ



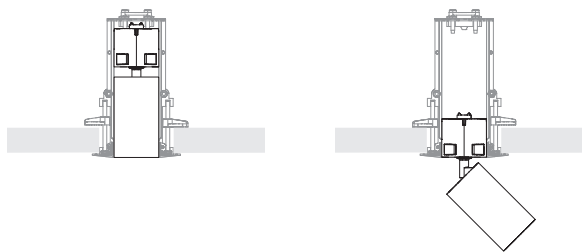
Beam Angle: 24°

h(m)	El(x)	D(m)
1	4421	0.47
2	1105	0.94
3	491	1.41
4	276	1.88
5	177	2.34

**Fixed, Adjustable & Wall-Washer****Push****Pro Push - Functionality and Positioning**

È possibile collocare Light Shadow in posizione superiore -come un downlight (perfettamente a filo con il soffitto)- o in posizione inferiore -come un proiettore orientabile-.

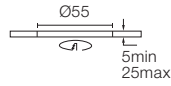
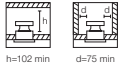
Light Shadow Push can be placed in top position, functioning as a downlight (perfectly flush to ceiling), or in bottom position, functioning as an adjustable spotlight.



## Accessori Ø45 / Accessories Ø45

Cornice di installazione Trim Ø45.

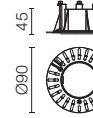
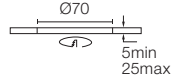
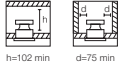
Frame Trim Ø45.



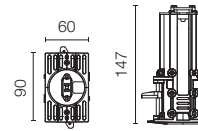
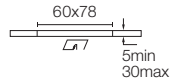
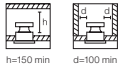
Fixed  
 08.0360.40  
 08.0360.14

Cornice di installazione No Trim Ø45.

Frame No Trim Ø45.



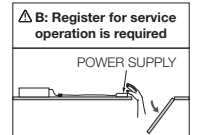
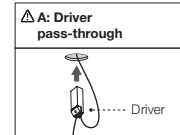
Fixed  
08.0361.00



Push  
08.0757.00

## Drivers per la connessione in serie / Drivers for Serial Connection\*

Driver	DIM Protocol	Min-Max Spot(s) per Driver	⚠
60.8529	Non Dimmable 100-240V 12W	1 - 1	A** - B**
60.9387	Non Dimmable 100-277V 18W	1 - 3	B
60.9592	Non Dimmable 220-240V 32W	1 - 3	B
RF27370	Non Dimmable 220-240V 42W	1 - 3	B
RF30699	Dim Dali 2 220-240V 38W	1 - 3	B
60.9713.0700	Dim Dali 2 220-240V 20W	1 - 2	B
60.9208	Dim 1-10V/Push 110-240V	1 - 2	B
60.9845	Dim 1-10V	1 - 3	B
60.9467	Mains Dimming 220-240V 20W	1 - 2	B
60.9692	Mains Dimming 220-240V 30W	1 - 3	B
60.9716	Dim Casambi/Push	1 - 2	B



\* Vedi capitolo Drivers / Refer to the Drivers chapter

\*\* Driver pass-through per il modello Fisso.

Per il driver nei modelli Push, è necessario la cassaforma. /

Driver pass-through for Fixed model.

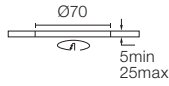
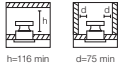
Register for service operation is required for Push model.

# HOW TO ORDER LIGHT SHADOW PRO

## Accessori Ø60 / Accessories Ø60

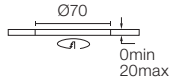
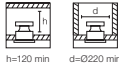
Cornice di installazione Trim Ø60.

Frame Trim Ø60.



Fixed  
 08.0160.40  
 08.0160.14

Fixed Multipack 30U\*  
 M8.0160.40  
 M8.0160.14

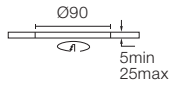
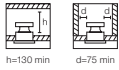


Adjustable  
 08.0164.40  
 08.0164.14

Adjustable Multipack 30U\*  
 M8.0164.40  
 M8.0164.14

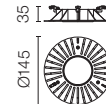
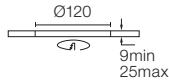
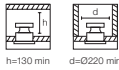
Cornice di installazione No Trim Ø60.

Frame No Trim Ø60.



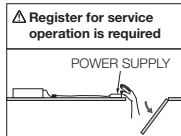
Fixed  
 08.0192.00

Fixed Multipack 48U\*  
 M8.0192.00



Adjustable  
 08.0166.00

Adjustable Multipack 48U\*  
 M8.0166.00



\* Confezione multipla disponibile. Si prega di consultare.

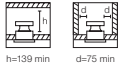
\* Multipack available. Please consult.

# HOW TO ORDER LIGHT SHADOW PRO

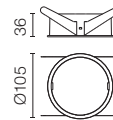
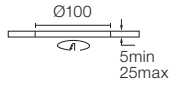
## Accessori Ø90 / Accessories Ø90

Cornice di installazione Trim Ø90.

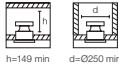
Frame Trim Ø90.



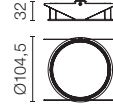
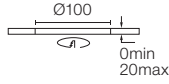
h=139 min  
d=75 min



Fixed & Wall-Washer\*\*  
 08.0161.40  
 08.0161.14



h=149 min  
d=Ø250 min



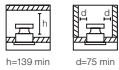
Fixed & Wall-Washer\*\* Multipack 20U\*  
 M8.0161.40  
 M8.0161.14

Adjustable  
 08.0165.40  
 08.0165.14

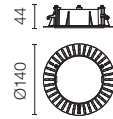
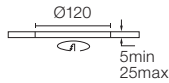
Adjustable Multipack 20U\*  
 M8.0165.40  
 M8.0165.14

Cornice di installazione No Trim Ø90.

Frame No Trim Ø90.

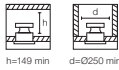


h=139 min  
d=75 min

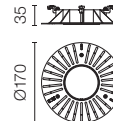
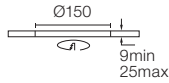


Fixed & Wall-Washer\*\*  
 08.0193.00

Fixed & Wall-Washer\*\* Multipack 48U\*  
 M8.0193.00



h=149 min  
d=Ø250 min



Adjustable  
 08.0167.00

Adjustable Multipack 48U\*  
 M8.0167.00



\* Confezione multipla disponibile. Si prega di consultare.

\* Multipack available. Please consult.

\*\* Wall-Washer: Vedere la corretta distanza dalla parete e la spaziatura tra le unità nelle istruzioni di installazione.

\*\* Wall-Washer: See the proper distance to wall and spacing between units in the installation instructions.

# ECLECTIC

DESIGNED BY FLOS ARCHITECTURAL

ECLECTIC Ø70  
FIXED



ECLECTIC Ø70  
ADJUSTABLE



**LIGHT SOURCE**  
LED ARRAY  
7,5W  
686 lm  
2700K/CRI 90  
768 lm  
3000K/CRI 90

ECLECTIC Ø90  
FIXED



ECLECTIC Ø90  
ADJUSTABLE



**LIGHT SOURCE**  
LED ARRAY  
10,5W  
1114 lm  
2700K/CRI 90  
1162 lm  
3000K/CRI 90

**LIGHT SOURCE**  
POWER LED  
7W  
534 lm  
2700K/CRI 90  
572 lm  
3000K/CRI 90

**LIGHT SOURCE**  
LED ARRAY  
13W  
1026 lm  
1800K-3000K  
CRI 90

La foto superiore mostra il prodotto Eclectic equipaggiato con un Cone Style Module  
The product pictures above represent Eclectic equipped with a Cone Style Module

## Cone Style Module

□ 40 Bianco\*  
40 White\*    ■ 14 Nero  
14 Black



## Soft Style Module

□ 40 Bianco\*  
40 White\*    ■ 14 Nero  
14 Black



## Flat Style Module

□ 40 Bianco\*  
40 White\*    ■ 14 Nero  
14 Black



\* Aggrappante per verniciatura a colori / Adherent base suitable for painting

**FLOS**  
CONTROL BY CASAMBI



## Descrizione

Eclectic è una lampada da interni ad incasso nel soffitto, la cui concezione completamente modulare segue i principi del disegno e dell'economia circolare. Questo fa sì che il prodotto, commercializzato come un apparecchio completo, può essere scomposto in una serie di moduli che ne definiscono le caratteristiche e, allo stesso tempo, permettono la loro vendita come pezzi di ricambio.

I moduli possono venir aggiunti, combinati o abbinati per creare l'illuminazione che più si adatta alle esigenze di qualsiasi progetto specifico. Inoltre, è possibile modificare la disposizione in qualsiasi momento (anche ad avvenuta installazione). Ecco perché il disegno di Eclectic è "future proof" (a prova di obsolescenza): grazie alla sua versatilità, si adatta ai cambi e alle esigenze future.

Per far sì che questa concezione del prodotto sia pratica, tutte le parti di Eclectic possono essere smontate facilmente, senza l'uso di utensili. I moduli vengono combinati tra loro mediante unioni meccaniche (componenti a scatto e a vite) o magnetiche (con cala-mite), non essendo necessario nessun tipo di colla o saldatura. Questo permette inoltre di separare facilmente le parti del prodotto per il loro riciclaggio. Caratteristica che lo rende un prodotto sostenibile e rispettoso con l'ambiente.

## Sistema ottico

Eclectic è dotata di un sistema ottico patentato con lenti d'ingrandimento doppio. Questa tecnologia offre a Eclectic non solo la possibilità di controllare la distribuzione luminosa, di eliminare l'abbagliamento e di ottenere un elevato comfort visivo, ma offre anche un'efficienza luminosa ad alto LOR (*Light Output Ratio*). Inoltre, per offrire una gamma completa di aperture del fascio luminoso, Eclectic combina una sorgente LED Array con un'altra Power LED. In questo modo, Eclectic dispone di un modificatore con aperture *Super Spot*, *Spot*, *Medium*, *Flood* e *Wide Flood* (\*consultare la corrispondenza tra apertura, dimensioni e tipo di sorgente LED).

Oltre alle differenti lenti, completa il sistema ottico uno schermo fabbricato con policarbonato tecnico ad alta luminosità e con proprietà antiabbaglianti. La posizione del LED, arretrata rispetto al piano esteriore dell'apparecchio, favorisce un angolo *cut-off* di 45-55° (a seconda del modello). In questo modo si riduce la visione diretta della fonte luminosa da parte dell'utente e si ottiene un effetto "high comfort".

## Alimentazione elettrica

Nei modelli Dim to Warm il driver è incluso. Nel resto dei modelli viene fornito separatamente. I drivers entrano attraverso i fori dell'incasso. Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

## Sistema di controllo

Eclectic è disponibile con protocolli di controllo Casambi (individuale, punto a punto), DALI2 Push, 0-10V, Taglio di fase (*mains DIM*) e on/off.

## Ricambio

Di tutti i moduli (parti) di Eclectic, Flos commercializza — di serie — come pezzi indipendenti: la cornice di montaggio (*Trim / No Trim*), le differenti lenti (*Super Spot*, *Spot*, *Medium*, *Flood* e *Wide Flood*\*\*), i moduli di orientabilità (fisso o regolabile) e i moduli estetici (*Flat*, *Soft* e *Cone*). Il modulo che funziona da motore della luce, nel catalogo non viene offerto come pezzo di ricambio di serie.

(\*\*consultare la corrispondenza tra apertura, dimensioni e tipo di sorgente LED).

## Accessori

Eclectic dispone di accessori che aumentano il carattere tecnico dell'apparecchio, come il pannello a nido d'ape antiabbagliante, gli accessori IP54 per la versione regolabile e i filtri dicroici per la correzione della temperatura del colore.

## Installazione

Una volta applicata la cornice di montaggio, Eclectic viene fissata mediante un sistema magnetico di ancoraggio, il cui uso è molto semplice e gradevole. Questo metodo sopporta molto bene il peso del prodotto e ha superato i più esigenti test di qualità, tenuta e sforzo che ne garantiscono l'assoluta sicurezza.

## Conforme con le Norme e i Marchi di Qualità

Apparecchi conformi con la Normativa Tecnica Europea EN60598-1 e parte seconda.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Description

Eclectic is a recessed in ceiling, indoor luminaire, designed with a fully modular concept, following the principles of circular design and economy. This means that the product, which is marketed as a complete luminaire, can be broken down into a series of modules that define its features and which, in turn, are offered as spare parts.

These modules can be added, combined or mixed to configure a luminaire that specifically meets the requirements of each specific project. Even the aesthetics of the product are interchangeable. Moreover, modifications can be made at any point in the life cycle, even after it has been installed. Eclectic is therefore a "future-proof" design due to its versatility in adapting to changes in future needs.

To make this product design idea pragmatic, all parts of Eclectic can be easily disassembled without tools. Modules are combined using mechanical (clipping and threading) or magnetic (with magnets) connections, without the need for any glue, adhesive or soldering. This, in turn, makes the product easily separable for recycling, making it a sustainable and environmentally friendly product.

## Optical System

Eclectic is equipped with a patented optical system with double focal lenses. This technology provides Eclectic with extraordinary control of light distribution, eliminating glare and achieving visual comfort, while providing high LOR (Light Output Ratio) and high luminous efficiency. In addition, in order to offer a complete range of light beam angles, Eclectic combines an Array LED source with a Power LED source. Thus, Eclectic's range provides the specifier with Super Spot, Spot, Medium, Flood and Wide Flood beam angles (\*check correspondence between beam angles, sizes and type of LED source).

In addition to the different lenses, the optical system is complemented by a screen made of high-gloss technical polycarbonate with anti-glare properties. The position of the LED, recessed with respect to the outer plane of the luminaire, provides a cut-off angle between 41° and 55° (depending on the model). Thanks to this, direct visual access to the light source by the user is limited and a "high comfort" effect is achieved.

## Power Supplies

In Dim to Warm models the driver is included. In the rest of the models, it is supplied separately.

The drivers fit through the recessing hole.

Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

## Control System

Eclectic is available with Casambi (individual, point to point), DALI2 - Push, 0-10V, Phase cut (mains DIM) and on/off control protocols.

## Spare Parts

Among all Eclectic modules (parts), Flos markets the following ones as independent, and as standard: mounting pre-frames (Trim / No Trim), the different lenses (Super Spot, Spot, Medium, Flood and Wide Flood\*\*), the orientation modules (fixed or adjustable) and the style modules (flat, soft and cone) The module that acts as a light engine is not offered as a standard spare part in the catalog.

(\*\*check correspondence between lenses, sizes and type of LED source).

## Accessories

Eclectic is fitted with accessories that enhance the technical character of the luminaire, such as the anti-glare honeycomb grid, the IP54 accessories for the adjustable versions and dichroic filters for color temperature correction.

## Installation

Once the installation pre-frames have been applied, Eclectic is fixed to them by means of a magnetic attachment system that is extremely easy and pleasant to use. This attachment method withstands the weight of the product and has passed the most demanding quality, durability and stress tests that guarantee its absolute safety.

## Standard Compliance and Quality Marks

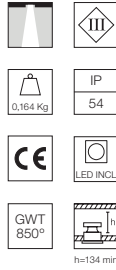
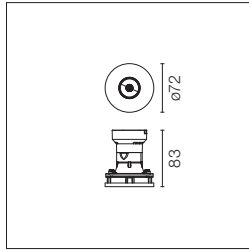
The luminaire complies with the EN60598-1 European Technical Standards and any subsequent additions.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

# ECLECTIC

## Eclectic Ø70 - Fixed Cone

Light Source: LED Array DC 600 mA - 7,5W - 686 lm - 2700K/CRI 90 / 7,5W - 768 lm - 3000K/CRI 90



Eclectic Ø70. Downlight non orientabile. Frontale estetico tipo 'Cone'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 47°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

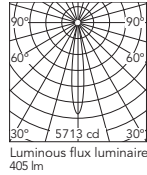
Eclectic Ø70. Non-adjustable Downlight. "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 47° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

Alimentazioni raccomandate / Recommended power supply\*:

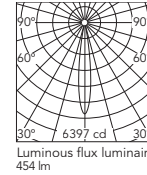
Non Dimmable 32W	60.9592
Non Dimmable 42W	60.9162
Dimmable Dali 2 38W	RF30699
Dimmable Dali 2 20W	60.9713.0600
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 40W	60.9845
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

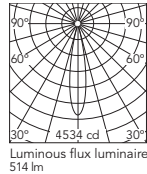
### 2700K Optic Spot



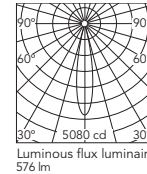
### 3000K Optic Spot



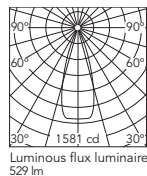
### Optic Medium



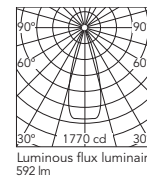
### Optic Medium



### Optic Flood



### Optic Flood

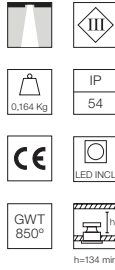
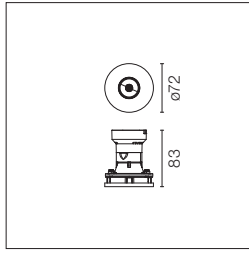




# ECLECTIC

## Eclectic Ø70 - Fixed Soft

Light Source: LED Array DC 600 mA - 7,5W - 686 lm - 2700K/CRI 90 / 7,5W - 768 lm - 3000K/CRI 90



Eclectic Ø70. Downlight non orientabile. Frontale estetico tipo 'Soft'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 47°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø70. Non-adjustable Downlight. "Soft" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 47° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

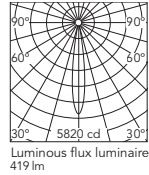
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 32W	60.9592
Non Dimmable 42W	60.9162
Dimmable Dali 2 38W	RF30699
Dimmable Dali 2 20W	60.9713.0600
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 40W	60.9845
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Spot

05.8003.40  
05.8003.14

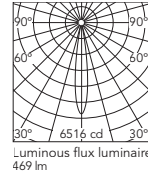


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5820	0.26
2	1455	0.53
3	647	0.79
4	364	1.05
5	233	1.31

### 3000K Optic Spot

05.8013.40  
05.8013.14

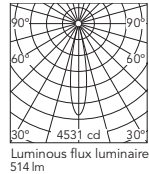


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	6516	0.26
2	1629	0.53
3	724	0.79
4	407	1.05
5	261	1.31

### Optic Medium

05.8004.40  
05.8004.14

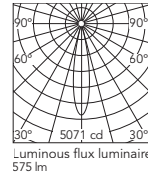


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	4531	0.34
2	1133	0.69
3	503	1.03
4	283	1.38
5	181	1.72

### Optic Medium

05.8014.40  
05.8014.14

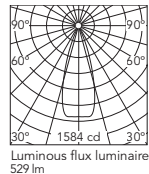


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	5071	0.34
2	1268	0.69
3	563	1.03
4	317	1.38
5	203	1.72

### Optic Flood

05.8005.40  
05.8005.14

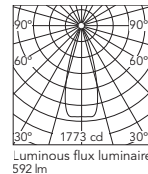


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1574	0.63
2	394	1.26
3	175	1.89
4	98	2.52
5	63	3.15

### Optic Flood

05.8015.40  
05.8015.14



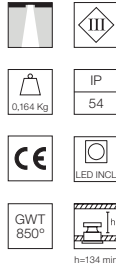
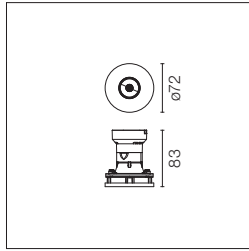
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1763	0.63
2	441	1.26
3	196	1.89
4	110	2.52
5	71	3.15

# ECLECTIC

## Eclectic Ø70 - Fixed Flat

Light Source: LED Array DC 600 mA - 7,5W - 686 lm - 2700K/CRI 90 / 7,5W - 768 lm - 3000K/CRI 90



Eclectic Ø70. Downlight non orientabile. Frontale estetico tipo 'Flat'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 55°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø70. Non-adjustable Downlight. "Flat" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 55° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

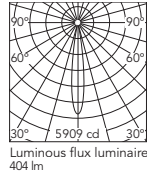
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 32W	60.9592
Non Dimmable 42W	60.9162
Dimmable Dalí 2 38W	RF30699
Dimmable Dalí 2 20W	60.9713.0600
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 40W	60.9845
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Spot

05.8006.40  
05.8006.14

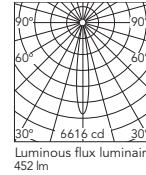


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5909	0.26
2	1477	0.52
3	657	0.77
4	369	1.03
5	236	1.29

### 3000K Optic Spot

05.8016.40  
05.8016.14

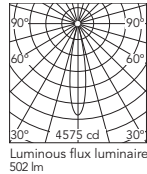


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	6616	0.26
2	1654	0.52
3	735	0.77
4	413	1.03
5	265	1.29

### Optic Medium

05.8007.40  
05.8007.14

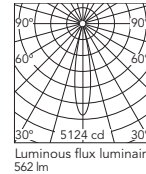


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	4575	0.34
2	1144	0.68
3	508	1.02
4	286	1.36
5	183	1.70

### Optic Medium

05.8017.40  
05.8017.14

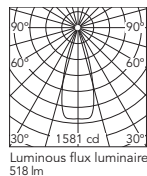


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	5124	0.34
2	1281	0.68
3	569	1.02
4	320	1.36
5	205	1.70

### Optic Flood

05.8008.40  
05.8008.14

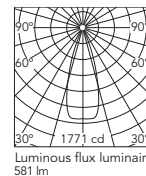


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1577	0.63
2	394	1.25
3	175	1.88
4	99	2.50
5	63	3.13

### Optic Flood

05.8018.40  
05.8018.14



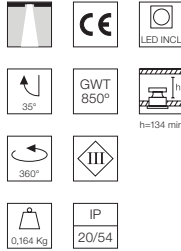
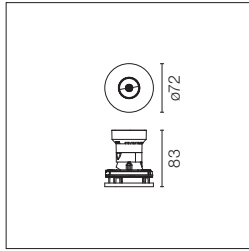
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1766	0.63
2	441	1.25
3	196	1.88
4	110	2.50
5	71	3.13

# ECLECTIC

## Eclectic Ø70 - Adjustable Cone

Light Source: LED Array DC 600 mA - 7,5W - 686 lm - 2700K/CRI 90 / 7,5W - 768 lm - 3000K/CRI 90



Eclectic Ø70. Downlight orientabile (basculaggio 35°, giro 360°). Frontale estetico tipo 'Cone'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 47°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø70. Adjustable Downlight (35° tilt, 360° rotation). "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 47° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

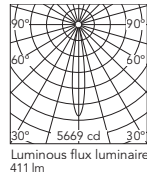
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 32W	60.9592
Non Dimmable 42W	60.9162
Dimmable Dali 2 38W	RF30699
Dimmable Dali 2 20W	60.9713.0600
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 40W	60.9845
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Spot

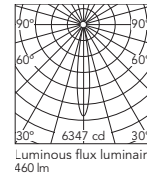
05.8020.40  
05.8020.14



h(m)	E(lx)	D(m)
1	5669	0.26
2	1417	0.53
3	630	0.79
4	354	1.06
5	227	1.32

### 3000K Optic Spot

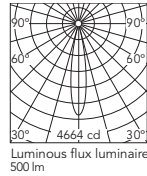
05.8030.40  
05.8030.14



h(m)	E(lx)	D(m)
1	6347	0.26
2	1587	0.53
3	705	0.79
4	397	1.06
5	254	1.32

### Optic Medium

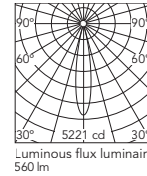
05.8021.40  
05.8021.14



h(m)	E(lx)	D(m)
1	4664	0.33
2	1166	0.66
3	518	0.98
4	291	1.31
5	187	1.64

### Optic Medium

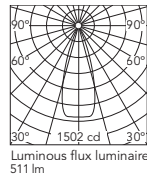
05.8031.40  
05.8031.14



h(m)	E(lx)	D(m)
1	5221	0.33
2	1305	0.66
3	580	0.98
4	326	1.31
5	209	1.64

### Optic Flood

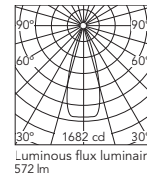
05.8022.40  
05.8022.14



h(m)	E(lx)	D(m)
1	1499	0.64
2	375	1.28
3	167	1.92
4	94	2.56
5	60	3.20

### Optic Flood

05.8032.40  
05.8032.14

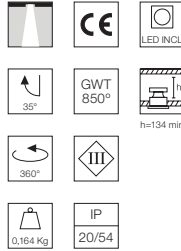
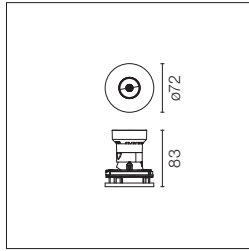


h(m)	E(lx)	D(m)
1	1679	0.64
2	420	1.28
3	187	1.92
4	105	2.56
5	67	3.20

# ECLECTIC

## Eclectic Ø70 - Adjustable Soft

Light Source: LED Array DC 600 mA - 7,5W - 686 lm - 2700K/CRI 90 / 7,5W - 768 lm - 3000K/CRI 90



Eclectic Ø70. Downlight orientabile (basculaggio 35°, giro 360°). Frontale estetico tipo 'Soft'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 47°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø70. Adjustable Downlight (35° tilt, 360° rotation). "Soft" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 47° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

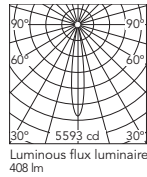
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 32W	60.9592
Non Dimmable 42W	60.9162
Dimmable Dalí 2 38W	RF30699
Dimmable Dalí 2 20W	60.9713.0600
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 40W	60.9845
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Spot

05.8023.40  
05.8023.14

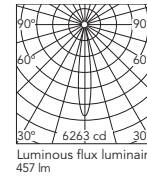


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5593	0.27
2	1398	0.53
3	621	0.80
4	350	1.06
5	224	1.33

### 3000K Optic Spot

05.8033.40  
05.8033.14

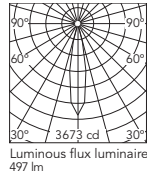


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	6263	0.27
2	1566	0.53
3	696	0.80
4	391	1.06
5	251	1.33

### Optic Medium

05.8024.40  
05.8024.14

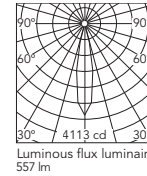


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	3673	0.36
2	918	0.72
3	408	1.08
4	230	1.44
5	147	1.80

### Optic Medium

05.8034.40  
05.8034.14

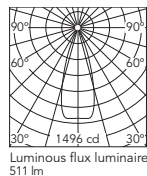


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	4113	0.36
2	1028	0.72
3	457	1.08
4	257	1.44
5	165	1.80

### Optic Flood

05.8025.40  
05.8025.14

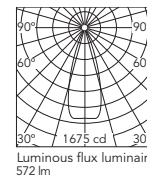


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1484	0.64
2	371	1.28
3	165	1.92
4	93	2.56
5	59	3.20

### Optic Flood

05.8035.40  
05.8035.14

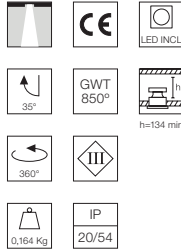
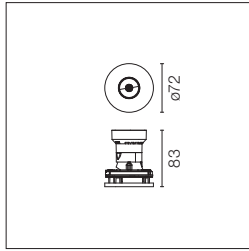


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1662	0.64
2	415	1.28
3	185	1.92
4	104	2.56
5	66	3.20

## Eclectic Ø70 - Adjustable Flat

**Light Source:** LED Array DC 600 mA - 7,5W - 686 lm - 2700K/CRI 90 / 7,5W - 768 lm - 3000K/CRI 90



Eclectic Ø70. Downlight orientabile (basculaggio 35°, giro 360°). Frontale estetico tipo 'Flat'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 55°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø70. Adjustable Downlight (35° tilt, 360° rotation). "Flat" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 55° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

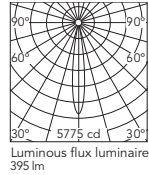
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 32W	60.9592
Non Dimmable 42W	60.9162
Dimmable Dali 2 38W	RF30699
Dimmable Dali 2 20W	60.9713.0600
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 40W	60.9845
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Spot

05.8026.40  
05.8026.14

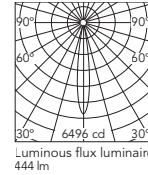


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5775	0.26
2	1444	0.52
3	642	0.77
4	361	1.03
5	231	1.29

### 3000K Optic Spot

05.8036.40  
05.8036.14

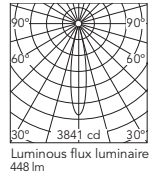


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	6496	0.26
2	1624	0.52
3	722	0.77
4	406	1.03
5	260	1.29

### Optic Medium

05.8027.40  
05.8027.14

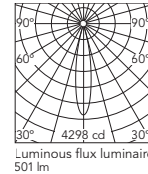


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	3841	0.34
2	960	0.68
3	427	1.02
4	240	1.35
5	154	1.69

### Optic Medium

05.8037.40  
05.8037.14

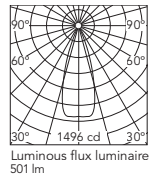


Beam Angle: 19°

h(m)	E(lx)	D(m)
1	4298	0.34
2	1075	0.68
3	478	1.02
4	269	1.35
5	172	1.69

### Optic Flood

05.8028.40  
05.8028.14

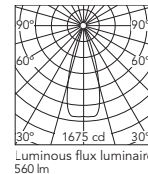


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1490	0.63
2	372	1.27
3	166	1.90
4	93	2.54
5	60	3.17

### Optic Flood

05.8038.40  
05.8038.14

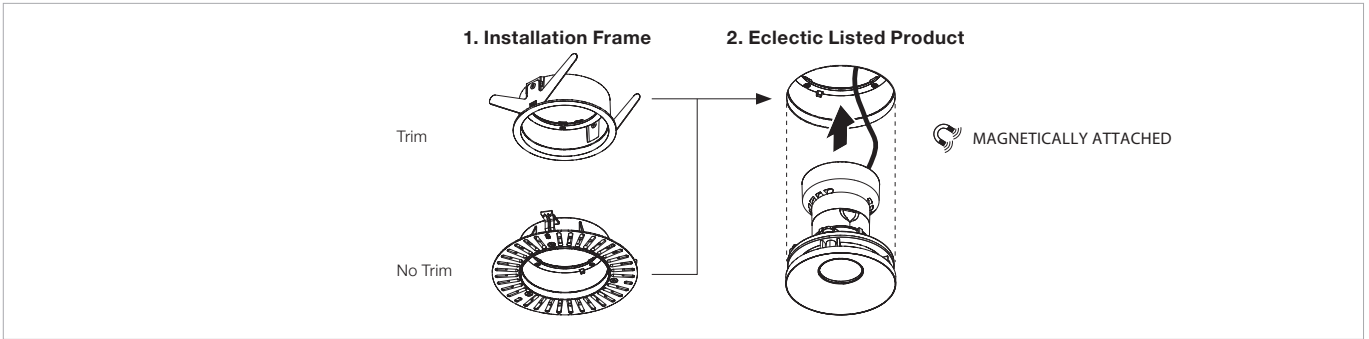


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1668	0.63
2	417	1.27
3	185	1.90
4	104	2.54
5	67	3.17

# ECLECTIC

## HOW TO ORDER ECLECTIC Ø70



## ACCESSORIES & SPARE PARTS ECLECTIC Ø70

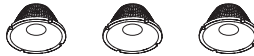
### LIGHT ENGINE MODULE\*

Not Sold as Spare Part



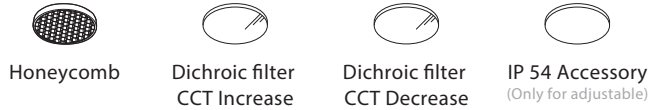
### LENS MODULE

Spare Part



Spot Medium Flood

### ACCESSORIES



### ORIENTATION MODULE

Spare Part

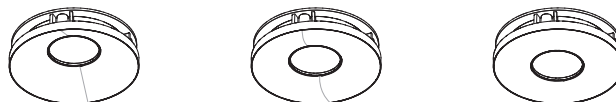


Fixed Adjustable

MAGNETICALLY ATTACHED

### STYLE MODULE

Spare Part



Cone Soft Flat

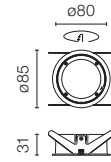
Light Engine Module not Sold as Spare Part. Special Orders Please Consult.

# ECLECTIC

## Accessori Ø70 / Accessories Ø70

Struttura Trim.  
Per ulteriori richieste e misure di installazione, consultare il manuale delle istruzioni.

Trim Frame.  
For further and full installation measures & requirements, please consult mounting instructions.



08.0670.40  
08.0670.14

Struttura No Trim.  
Per ulteriori richieste e misure di installazione, consultare il manuale delle istruzioni.

No Trim Frame.  
For further and full installation measures & requirements, please consult mounting instructions.



08.0672.00

Pannello nido d'ape

Honeycomb



08.0727.00

Regolabile IP54

Adjustable IP 54



08.0729.00

Filtro bicromatico CCT

Dichroic CCT Filter



Increase  
2700K >> 3125±75K  
3000K >> 3600±75K  
08.0731.00

Decrease  
2700K >> 2450±75K  
3000K >> 2700±75K  
08.0732.00

## Ricambio Ø70 / Spare parts Ø70

Lenti

Lenses



Opic Spot  
08.0711.00

Opic Medium  
08.0712.00

Opic Flood  
08.0713.00

Modulo d'orientazione

Orientation Module



Fixed  
08.0739.00

Adjustable  
08.0740.00

Modulo di stile

Style Modules



Cone  
08.0721.40  
08.0721.14

Soft  
08.0722.40  
08.0722.14

Flat  
08.0723.40  
08.0723.14

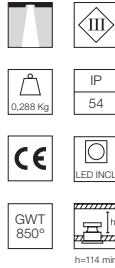
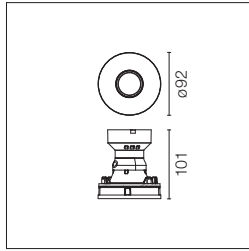
## Drivers per la connessione in serie / Drivers for Serial Connection

Driver	DIM Protocol	Min-Max Eclectic(s) per Driver.
60.9592	Non Dimmable 32W	1 - 3
60.9162	Non Dimmable 42W	1 - 3
RF30699	Dimmable Dali 2 38W	1 - 4
60.9713.0600	Dimmable Dali 2 20W	1 - 2
60.9208	Dimmable 0-10V 20W	1 - 2
60.9845	Dimmable 0-10V 40W	1 - 3
60.9467	Mains Dimming 20W	1 - 2
60.9716	Casambi 26W	1 - 3

\* Vedi capitolo Drivers / Refer to the Drivers chapter

## Eclectic Ø90 - Fixed Cone

Light Source: LED Array DC 300 mA - 10,5W - 1114 lm - 2700K/CRI 90 / 10,5W - 1162 lm - 3000K/CRI 90



Eclectic Ø90. Downlight non orientabile. Frontale estetico tipo 'Cone'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

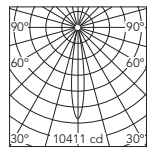
Eclectic Ø90. Non-adjustable Downlight. "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 22W	RF31855
Non Dimmable 42W	60.9162
Dimmable Dalì 2 38W	RF30699
Dimmable Dalì 2 20W	60.9713.0300
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 20W	60.9843
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K  
Optic Spot**  
05.8100.40  
05.8100.14

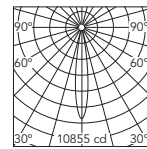


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	10411 0.27	
2	2603 0.54	
3	1157 0.81	
4	651 1.08	
5	416 1.36	

Luminous flux luminaire 862 lm

**3000K  
Optic Spot**  
05.8120.40  
05.8120.14

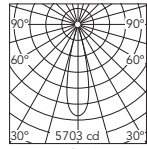


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	10855 0.27	
2	2714 0.54	
3	1206 0.81	
4	678 1.08	
5	434 1.36	

Luminous flux luminaire 899 lm

**Optic Medium**  
05.8101.40  
05.8101.14

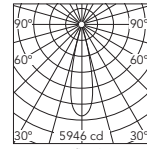


Beam Angle: 24°

h(m)	E(lx)	D(m)
1	5703 0.43	
2	1426 0.87	
3	634 1.30	
4	356 1.73	
5	228 2.17	

Luminous flux luminaire 923 lm

**Optic Medium**  
05.8121.40  
05.8121.14

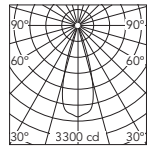


Beam Angle: 24°

h(m)	E(lx)	D(m)
1	5946 0.43	
2	1486 0.87	
3	661 1.30	
4	372 1.73	
5	238 2.17	

Luminous flux luminaire 963 lm

**Optic Flood**  
05.8102.40  
05.8102.14

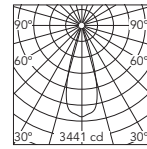


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	3300 0.59	
2	825 1.18	
3	367 1.78	
4	206 2.37	
5	132 2.96	

Luminous flux luminaire 925 lm

**Optic Flood**  
05.8122.40  
05.8122.14

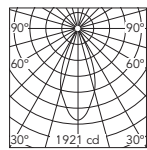


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	3441 0.59	
2	860 1.18	
3	382 1.78	
4	215 2.37	
5	138 2.96	

Luminous flux luminaire 964 lm

**Optic Wide Flood**  
05.8103.40  
05.8103.14

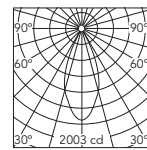


Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1921 0.77	
2	480 1.54	
3	213 2.31	
4	120 3.08	
5	77 3.85	

Luminous flux luminaire 861 lm

**Optic Wide Flood**  
05.8123.40  
05.8123.14



Beam Angle: 42°

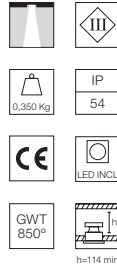
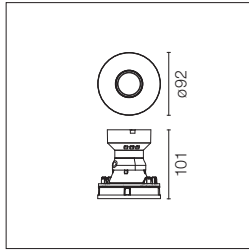
h(m)	E(lx)	D(m)
1	2003 0.77	
2	501 1.54	
3	223 2.31	
4	125 3.08	
5	80 3.85	

Luminous flux luminaire 898 lm



## Eclectic Ø90 - Fixed Cone

**Light Source:** Power LED DC 600 mA - 7W - 534 lm - 2700K/CRI 90 / 7W - 572 lm - 3000K/CRI 90



Eclectic Ø90. Downlight non orientabile. Frontale estetico tipo 'Cone'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP54. Sorgente di luce, Power LED\*. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90. Non-adjustable Downlight. "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP54 water tightness. Power LED light source\*. Alternative options for lenses, orientation modules and style façades are available as spare parts.

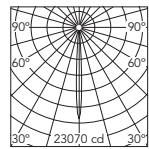
Alimentazioni raccomandate / Recommended power supply\*:

		Serial Con.
Non Dimmable 32W	60.9592	1 - 3
Non Dimmable 42W	60.9162	1 - 3
Dimmable Dalí 2 38W	RF30699	1 - 4
Dimmable Dalí 2 20W	60.9713.0600	1 - 2
Dimmable 0-10V 20W	60.9208	1 - 2
Dimmable 0-10V 40W	60.9845	1 - 3
Mains Dimming 20W	60.9467	1 - 2
Casambi 26W	60.9716	1 - 3

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Super Spot

05.8200.40  
05.8200.14



Beam Angle: 7°

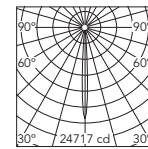
h(m)	E(lx)	D(m)
1	23070	0.12
2	5768	0.23
3	2563	0.35
4	1442	0.46
5	923	0.58

Luminous flux luminaire  
23070 cd

Luminous flux luminaire  
399 lm

### 3000K Optic Super Spot

05.8210.40  
05.8210.14



Beam Angle: 7°

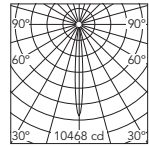
h(m)	E(lx)	D(m)
1	24717	0.12
2	6179	0.23
3	2746	0.35
4	1545	0.46
5	989	0.58

Luminous flux luminaire  
24717 cd

Luminous flux luminaire  
428 lm

### Optic Spot

05.8201.40  
05.8201.14



Beam Angle: 10°

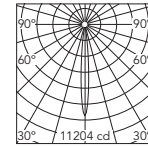
h(m)	E(lx)	D(m)
1	10468	0.17
2	2617	0.34
3	1163	0.50
4	654	0.67
5	419	0.84

Luminous flux luminaire  
10468 cd

Luminous flux luminaire  
386 lm

### Optic Spot

05.8211.40  
05.8211.14



Beam Angle: 10°

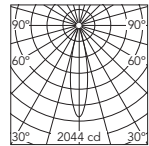
h(m)	E(lx)	D(m)
1	11204	0.17
2	2801	0.34
3	1245	0.50
4	700	0.67
5	448	0.84

Luminous flux luminaire  
11204 cd

Luminous flux luminaire  
413 lm

### Optic Medium

05.8202.40  
05.8202.14



Beam Angle: 22°

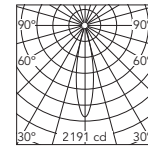
h(m)	E(lx)	D(m)
1	2044	0.38
2	511	0.76
3	227	1.14
4	128	1.52
5	82	1.90

Luminous flux luminaire  
2044 cd

Luminous flux luminaire  
313 lm

### Optic Medium

05.8212.40  
05.8212.14



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2191	0.38
2	548	0.76
3	243	1.14
4	137	1.52
5	88	1.90

Luminous flux luminaire  
2191 cd

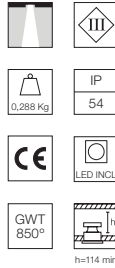
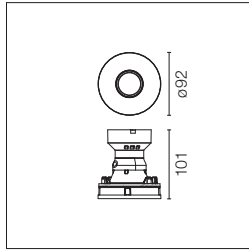
Luminous flux luminaire  
335 lm

\* La combinazione di modelli con sorgente di luce Power LED e LED Array può comportare delle piccole differenze di cromaticità nella luce. In un medesimo spazio, si raccomanda usare la stessa sorgente di luce.

\* The combination of models using Power LED and Array LED light sources can lead to slight differences in the chromaticity of the light. It is recommended to use the same light source in shared spaces.

## Eclectic Ø90 - Fixed Soft

Light Source: LED Array DC 300 mA - 10,5W - 1114 lm - 2700K/CRI 90 / 10,5W - 1162 lm - 3000K/CRI 90



Eclectic Ø90. Downlight non orientabile. Frontale estetico tipo 'Soft'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

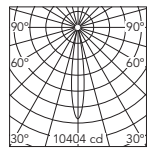
Eclectic Ø90. Non-adjustable Downlight. "Soft" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

### Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 22W	RF31855
Non Dimmable 42W	60.9162
Dimmable Dalí 2 38W	RF30699
Dimmable Dalí 2 20W	60.9713.0300
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 20W	60.9843
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

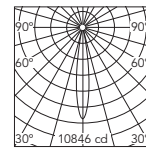
### 2700K Optic Spot



Beam Angle: 15°	h(m)	E(lx)	D(m)
1	10404	0.27	
2	2601	0.54	
3	1156	0.81	
4	650	1.09	
5	416	1.36	

Luminous flux luminaire 860 lm

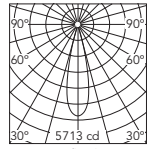
### 3000K Optic Spot



Beam Angle: 15°	h(m)	E(lx)	D(m)
1	10846	0.27	
2	2712	0.54	
3	1205	0.81	
4	678	1.09	
5	434	1.36	

Luminous flux luminaire 896 lm

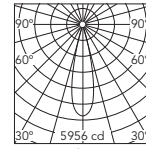
### Optic Medium



Beam Angle: 24°	h(m)	E(lx)	D(m)
1	5713	0.43	
2	1428	0.87	
3	635	1.30	
4	357	1.73	
5	229	2.16	

Luminous flux luminaire 922 lm

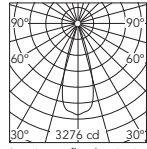
### Optic Medium



Beam Angle: 24°	h(m)	E(lx)	D(m)
1	5956	0.43	
2	1489	0.87	
3	662	1.30	
4	372	1.73	
5	238	2.16	

Luminous flux luminaire 961 lm

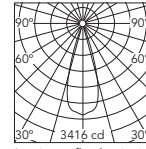
### Optic Flood



Beam Angle: 33°	h(m)	E(lx)	D(m)
1	3276	0.59	
2	819	1.19	
3	364	1.78	
4	205	2.38	
5	131	2.97	

Luminous flux luminaire 925 lm

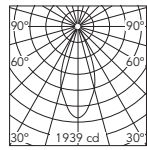
### Optic Flood



Beam Angle: 33°	h(m)	E(lx)	D(m)
1	3416	0.59	
2	854	1.19	
3	380	1.78	
4	213	2.38	
5	137	2.97	

Luminous flux luminaire 964 lm

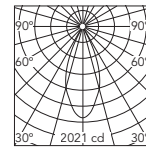
### Optic Wide Flood



Beam Angle: 42°	h(m)	E(lx)	D(m)
1	1939	0.77	
2	485	1.53	
3	215	2.30	
4	121	3.06	
5	78	3.83	

Luminous flux luminaire 862 lm

### Optic Wide Flood

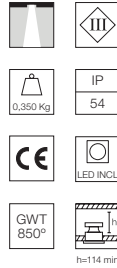
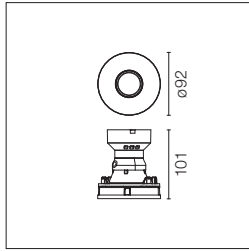


Beam Angle: 42°	h(m)	E(lx)	D(m)
1	2021	0.77	
2	505	1.53	
3	225	2.30	
4	126	3.06	
5	81	3.83	

Luminous flux luminaire 899 lm

## Eclectic Ø90 - Fixed Soft

**Light Source:** Power LED DC 600 mA - 7W - 534 lm - 2700K/CRI 90 / 7W - 572 lm - 3000K/CRI 90



Eclectic Ø90. Downlight non orientabile. Frontale estetico tipo 'Soft'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP54. Sorgente di luce, Power LED\*. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90. Non-adjustable Downlight. "Soft" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP54 water tightness. Power LED light source\*. Alternative options for lenses, orientation modules and style façades are available as spare parts.

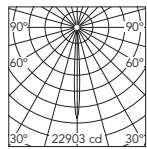
### Alimentazioni raccomandate / Recommended power supply\*:

		Serial Con.
Non Dimmable 32W	60.9592	1 - 3
Non Dimmable 42W	60.9162	1 - 3
Dimmable Dalí 2 38W	RF30699	1 - 4
Dimmable Dalí 2 20W	60.9713.0600	1 - 2
Dimmable 0-10V 20W	60.9208	1 - 2
Dimmable 0-10V 40W	60.9845	1 - 3
Mains Dimming 20W	60.9467	1 - 2
Casambi 26W	60.9716	1 - 3

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Super Spot

05.8203.40  
05.8203.14



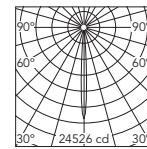
Beam Angle: 7°

h(m)	E(lx)	D(m)
1	22903	0.12
2	5726	0.23
3	2545	0.35
4	1431	0.47
5	916	0.58

Luminous flux luminaire  
404 lm

### 3000K Optic Super Spot

05.8213.40  
05.8213.14



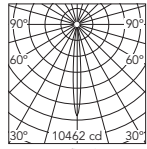
Beam Angle: 7°

h(m)	E(lx)	D(m)
1	24526	0.12
2	6132	0.23
3	2725	0.35
4	1533	0.47
5	981	0.58

Luminous flux luminaire  
433 lm

### Optic Spot

05.8204.40  
05.8204.14



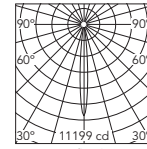
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	10462	0.17
2	2615	0.34
3	1162	0.50
4	654	0.67
5	418	0.84

Luminous flux luminaire  
386 lm

### Optic Spot

05.8214.40  
05.8214.14



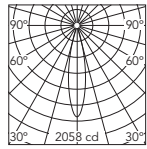
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	11199	0.17
2	2800	0.34
3	1244	0.50
4	700	0.67
5	448	0.84

Luminous flux luminaire  
413 lm

### Optic Medium

05.8205.40  
05.8205.14



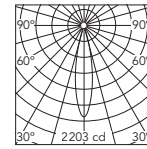
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2058	0.38
2	514	0.75
3	229	1.13
4	129	1.51
5	82	1.89

Luminous flux luminaire  
311 lm

### Optic Medium

05.8215.40  
05.8215.14



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2203	0.38
2	551	0.75
3	245	1.13
4	138	1.51
5	88	1.89

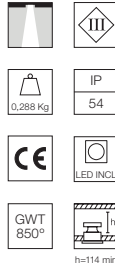
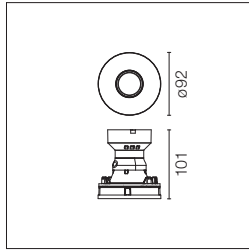
Luminous flux luminaire  
333 lm

\* La combinazione di modelli con sorgente di luce Power LED e LED Array può comportare delle piccole differenze di cromaticità nella luce. In un medesimo spazio, si raccomanda usare la stessa sorgente di luce.

\* The combination of models using Power LED and Array LED light sources can lead to slight differences in the chromaticity of the light. It is recommended to use the same light source in shared spaces.

## Eclectic Ø90 - Fixed Flat

Light Source: LED Array DC 300 mA - 10,5W - 1114 lm - 2700K/CRI 90 / 10,5W - 1162 lm - 3000K/CRI 90



Eclectic Ø90. Downlight non orientabile. Frontale estetico tipo 'Flat'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 49°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

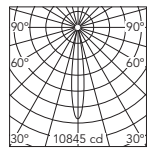
Eclectic Ø90. Non-adjustable Downlight. "Flat" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 49° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 22W	RF31855
Non Dimmable 42W	60.9162
Dimmable Dalí 2 38W	RF30699
Dimmable Dalí 2 20W	60.9713.0300
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 20W	60.9843
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K  
Optic Spot**  
05.8110.40  
05.8110.14

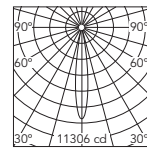


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	10845	0.27
2	2711	0.53
3	1205	0.80
4	678	1.07
5	434	1.34

Luminous flux luminaire 860 lm

**3000K  
Optic Spot**  
05.8130.40  
05.8130.14

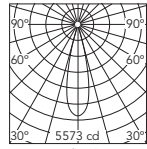


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	11306	0.27
2	2827	0.53
3	1256	0.80
4	707	1.07
5	452	1.34

Luminous flux luminaire 897 lm

**Optic Medium**  
05.8111.40  
05.8111.14

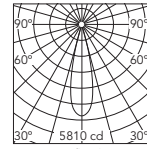


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5573	0.44
2	1393	0.88
3	619	1.32
4	348	1.76
5	223	2.20

Luminous flux luminaire 903 lm

**Optic Medium**  
05.8131.40  
05.8131.14

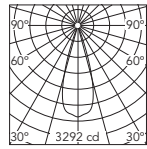


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5810	0.44
2	1453	0.88
3	646	1.32
4	363	1.76
5	232	2.20

Luminous flux luminaire 942 lm

**Optic Flood**  
05.8112.40  
05.8112.14

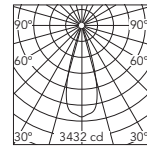


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	3292	0.59
2	823	1.18
3	366	1.77
4	206	2.36
5	132	2.95

Luminous flux luminaire 901 lm

**Optic Flood**  
05.8132.40  
05.8132.14

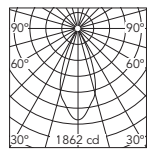


Beam Angle: 33°

h(m)	E(lx)	D(m)
1	3432	0.59
2	858	1.18
3	381	1.77
4	215	2.36
5	137	2.95

Luminous flux luminaire 939 lm

**Optic Wide Flood**  
05.8113.40  
05.8113.14

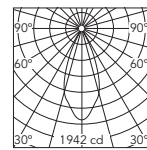


Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1862	0.76
2	466	1.52
3	207	2.28
4	116	3.04
5	74	3.81

Luminous flux luminaire 809 lm

**Optic Wide Flood**  
05.8133.40  
05.8133.14



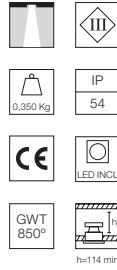
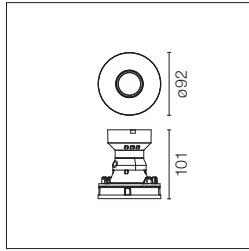
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	1942	0.76
2	485	1.52
3	216	2.28
4	121	3.04
5	78	3.81

Luminous flux luminaire 844 lm

## Eclectic Ø90 - Fixed Flat

**Light Source:** Power LED DC 600 mA - 7W - 534 lm - 2700K/CRI 90 / 7W - 572 lm - 3000K/CRI 90



Eclectic Ø90. Downlight non orientabile. Frontale estetico tipo 'Flat'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 49°. Ermeticità IP54. Sorgente di luce, Power LED\*. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90. Non-adjustable Downlight. "Flat" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 49° cut-off angle. IP54 water tightness. Power LED light source\*. Alternative options for lenses, orientation modules and style façades are available as spare parts.

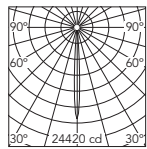
### Alimentazioni raccomandate / Recommended power supply\*:

		Serial Con.
Non Dimmable 32W	60.9592	1 - 3
Non Dimmable 42W	60.9162	1 - 3
Dimmable Dali 2 38W	RF30699	1 - 4
Dimmable Dali 2 20W	60.9713.0600	1 - 2
Dimmable 0-10V 20W	60.9208	1 - 2
Dimmable 0-10V 40W	60.9845	1 - 3
Mains Dimming 20W	60.9467	1 - 2
Casambi 26W	60.9716	1 - 3

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Super Spot

05.8206.40  
05.8206.14



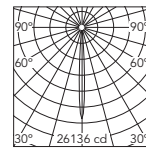
Beam Angle: 7°

h(m)	El(lx)	D(m)
1	24420	0.12
2	6105	0.23
3	2713	0.35
4	1526	0.46
5	977	0.58

Luminous flux luminaire  
24420 cd  
418 lm

### 3000K Optic Super Spot

05.8216.40  
05.8216.14



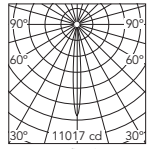
Beam Angle: 7°

h(m)	El(lx)	D(m)
1	26136	0.12
2	6534	0.23
3	2904	0.35
4	1634	0.46
5	1045	0.58

Luminous flux luminaire  
26136 cd  
447 lm

### Optic Spot

05.8207.40  
05.8207.14



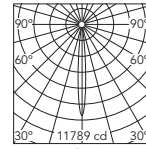
Beam Angle: 10°

h(m)	El(lx)	D(m)
1	11017	0.17
2	2754	0.34
3	1224	0.50
4	689	0.67
5	441	0.84

Luminous flux luminaire  
11017 cd  
396 lm

### Optic Spot

05.8217.40  
05.8217.14



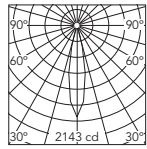
Beam Angle: 10°

h(m)	El(lx)	D(m)
1	11789	0.17
2	2947	0.34
3	1310	0.50
4	737	0.67
5	472	0.84

Luminous flux luminaire  
11789 cd  
424 lm

### Optic Medium

05.8208.40  
05.8208.14



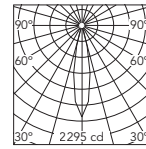
Beam Angle: 21°

h(m)	El(lx)	D(m)
1	2143	0.37
2	536	0.73
3	238	1.10
4	134	1.46
5	86	1.83

Luminous flux luminaire  
2143 cd  
320 lm

### Optic Medium

05.8218.40  
05.8218.14



Beam Angle: 21°

h(m)	El(lx)	D(m)
1	2295	0.37
2	574	0.73
3	255	1.10
4	143	1.46
5	92	1.83

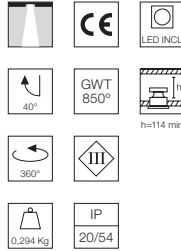
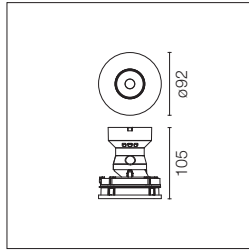
Luminous flux luminaire  
2295 cd  
343 lm

\* La combinazione di modelli con sorgente di luce Power LED e LED Array può comportare delle piccole differenze di cromaticità nella luce. In un medesimo spazio, si raccomanda usare la stessa sorgente di luce.

\* The combination of models using Power LED and Array LED light sources can lead to slight differences in the chromaticity of the light. It is recommended to use the same light source in shared spaces.

## Eclectic Ø90 - Adjustable Cone

Light Source: LED Array DC 300 mA - 10,5W - 1114 lm - 2700K/CRI 90 / 10,5W - 1162 lm - 3000K/CRI 90



Eclectic Ø90. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo 'Cone'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

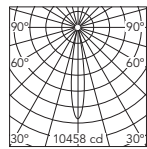
Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

### Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 22W	RF31855
Non Dimmable 42W	60.9162
Dimmable Dalì 2 38W	RF30699
Dimmable Dalì 2 20W	60.9713.0300
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 20W	60.9843
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K  
Optic Spot**  
05.8140.40  
05.8140.14

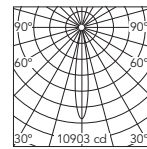


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	10458	0.28
2	2614	0.56
3	1162	0.84
4	654	1.12
5	418	1.39

Luminous flux luminaire  
884 lm

**3000K  
Optic Spot**  
05.8160.40  
05.8160.14

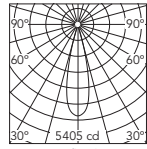


Beam Angle: 16°

h(m)	E(lx)	D(m)
1	10903	0.28
2	2726	0.56
3	1211	0.84
4	681	1.12
5	436	1.39

Luminous flux luminaire  
922 lm

**Optic Medium**  
05.8141.40  
05.8141.14

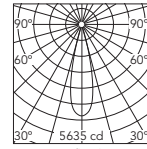


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5405	0.44
2	1351	0.88
3	601	1.32
4	338	1.76
5	216	2.21

Luminous flux luminaire  
898 lm

**Optic Medium**  
05.8161.40  
05.8161.14

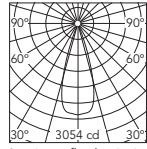


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5635	0.44
2	1409	0.88
3	626	1.32
4	352	1.76
5	225	2.21

Luminous flux luminaire  
937 lm

**Optic Flood**  
05.8142.40  
05.8142.14

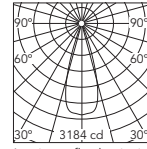


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3054	0.61
2	764	1.22
3	339	1.82
4	191	2.43
5	122	3.04

Luminous flux luminaire  
906 lm

**Optic Flood**  
05.8162.40  
05.8162.14

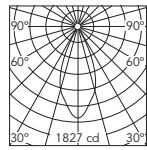


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3184	0.61
2	796	1.22
3	354	1.82
4	199	2.43
5	127	3.04

Luminous flux luminaire  
945 lm

**Optic Wide Flood**  
05.8143.40  
05.8143.14

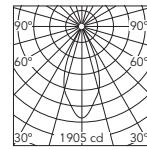


Beam Angle: 43°

h(m)	E(lx)	D(m)
1	1827	0.79
2	457	1.58
3	203	2.37
4	114	3.16
5	73	3.95

Luminous flux luminaire  
836 lm

**Optic Wide Flood**  
05.8163.40  
05.8163.14



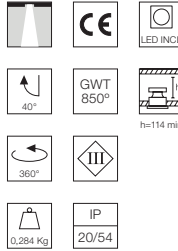
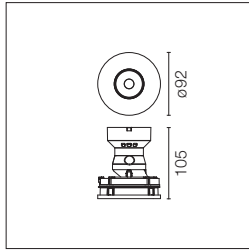
Beam Angle: 43°

h(m)	E(lx)	D(m)
1	1905	0.79
2	476	1.58
3	212	2.37
4	119	3.16
5	76	3.95

Luminous flux luminaire  
872 lm

## Eclectic Ø90 - Adjustable Cone

Light Source: Power LED DC 600 mA - 7W - 534 lm - 2700K/CRI 90 / 7W - 572 lm - 3000K/CRI 90



Eclectic Ø90. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo 'Cone'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sorgente di luce, Power LED\*. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Power LED light source\*. Alternative options for lenses, orientation modules and style façades are available as spare parts.

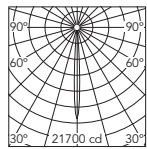
Alimentazioni raccomandate / Recommended power supply\*:

		Serial Con.
Non Dimmable 32W	60.9592	1 - 3
Non Dimmable 42W	60.9162	1 - 3
Dimmable DALI 2 38W	RF30699	1 - 4
Dimmable DALI 2 20W	60.9713.0600	1 - 2
Dimmable 0-10V 20W	60.9208	1 - 2
Dimmable 0-10V 40W	60.9845	1 - 3
Mains Dimming 20W	60.9467	1 - 2
Casambi 26W	60.9716	1 - 3

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Super Spot

05.8220.40  
05.8220.14



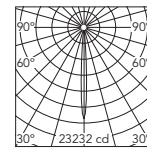
Beam Angle: 7°

h(m)	E(lx)	D(m)
1	21700	0.12
2	5425	0.24
3	2411	0.35
4	1356	0.47
5	868	0.59

Luminous flux luminaire  
21700 cd  
393 lm

### 3000K Optic Super Spot

05.8230.40  
05.8230.14



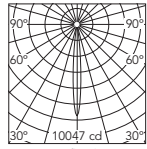
Beam Angle: 7°

h(m)	E(lx)	D(m)
1	23232	0.12
2	5808	0.24
3	2581	0.35
4	1452	0.47
5	929	0.59

Luminous flux luminaire  
23232 cd  
421 lm

### Optic Spot

05.8221.40  
05.8221.14



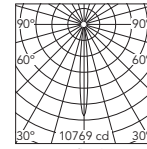
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	10047	0.17
2	2512	0.34
3	1116	0.51
4	628	0.68
5	402	0.85

Luminous flux luminaire  
10047 cd  
380 lm

### Optic Spot

05.8231.40  
05.8231.14



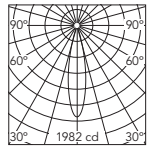
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	10769	0.17
2	2692	0.34
3	1197	0.51
4	673	0.68
5	431	0.85

Luminous flux luminaire  
10769 cd  
407 lm

### Optic Medium

05.8222.40  
05.8222.14



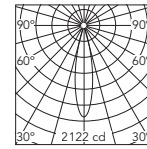
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1982	0.38
2	495	0.77
3	220	1.15
4	124	1.54
5	79	1.92

Luminous flux luminaire  
1982 cd  
309 lm

### Optic Medium

05.8232.40  
05.8232.14



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	2122	0.38
2	530	0.77
3	236	1.15
4	133	1.54
5	85	1.92

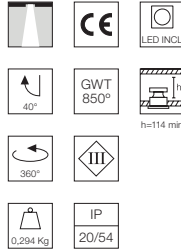
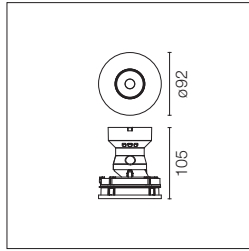
Luminous flux luminaire  
2122 cd  
331 lm

\* La combinazione di modelli con sorgente di luce Power LED e LED Array può comportare delle piccole differenze di cromaticità nella luce. In un medesimo spazio, si raccomanda usare la stessa sorgente di luce.

\* The combination of models using Power LED and Array LED light sources can lead to slight differences in the chromaticity of the light. It is recommended to use the same light source in shared spaces.

## Eclectic Ø90 - Adjustable Soft

Light Source: LED Array DC 300 mA - 10,5W - 1114 lm - 2700K/CRI 90 / 10,5W - 1162 lm - 3000K/CRI 90



Eclectic Ø90. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo 'Soft'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

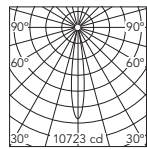
Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). "Soft" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

### Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 22W	RF31855
Non Dimmable 42W	60.9162
Dimmable Dalì 2 38W	RF30699
Dimmable Dalì 2 20W	60.9713.0300
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 20W	60.9843
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

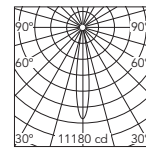
### 2700K Optic Spot



Beam Angle: 16°	h(m)	E(lx)	D(m)
1	10723	0.27	
2	2681	0.55	
3	1191	0.82	
4	670	1.09	
5	429	1.36	

Luminous flux luminaire 868 lm

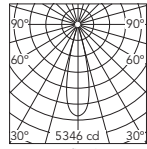
### 3000K Optic Spot



Beam Angle: 16°	h(m)	E(lx)	D(m)
1	11180	0.27	
2	2795	0.55	
3	1242	0.82	
4	699	1.09	
5	447	1.36	

Luminous flux luminaire 905 lm

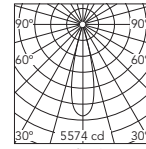
### Optic Medium



Beam Angle: 25°	h(m)	E(lx)	D(m)
1	5346	0.45	
2	1337	0.89	
3	594	1.34	
4	334	1.78	
5	214	2.23	

Luminous flux luminaire 900 lm

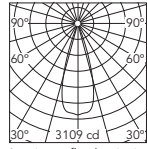
### Optic Medium



Beam Angle: 25°	h(m)	E(lx)	D(m)
1	5574	0.45	
2	1393	0.89	
3	619	1.34	
4	348	1.78	
5	223	2.23	

Luminous flux luminaire 938 lm

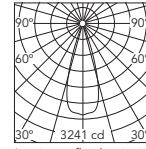
### Optic Flood



Beam Angle: 34°	h(m)	E(lx)	D(m)
1	3109	0.60	
2	777	1.21	
3	345	1.81	
4	194	2.41	
5	124	3.01	

Luminous flux luminaire 904 lm

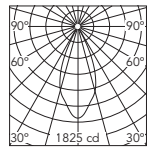
### Optic Flood



Beam Angle: 34°	h(m)	E(lx)	D(m)
1	3241	0.60	
2	810	1.21	
3	360	1.81	
4	203	2.41	
5	130	3.01	

Luminous flux luminaire 942 lm

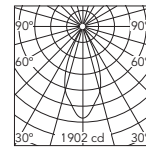
### Optic Wide Flood



Beam Angle: 43°	h(m)	E(lx)	D(m)
1	1825	0.79	
2	456	1.59	
3	203	2.38	
4	114	3.17	
5	73	3.97	

Luminous flux luminaire 837 lm

### Optic Wide Flood



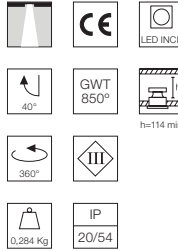
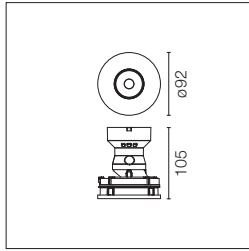
Beam Angle: 43°	h(m)	E(lx)	D(m)
1	1902	0.79	
2	476	1.59	
3	211	2.38	
4	119	3.17	
5	76	3.97	

Luminous flux luminaire 873 lm



## Eclectic Ø90 - Adjustable Soft

**Light Source:** Power LED DC 600 mA - 7W - 534 lm - 2700K/CRI 90 / 7W - 572 lm - 3000K/CRI 90



Eclectic Ø90. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo 'Soft'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sorgente di luce, Power LED\*. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). "Soft" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Power LED light source\*. Alternative options for lenses, orientation modules and style façades are available as spare parts.

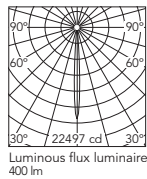
Alimentazioni raccomandate / Recommended power supply\*:

		Serial Con.
Non Dimmable 32W	60.9592	1 - 3
Non Dimmable 42W	60.9162	1 - 3
Dimmable Dalí 2 38W	RF30699	1 - 4
Dimmable Dalí 2 20W	60.9713.0600	1 - 2
Dimmable 0-10V 20W	60.9208	1 - 2
Dimmable 0-10V 40W	60.9845	1 - 3
Mains Dimming 20W	60.9467	1 - 2
Casambi 26W	60.9716	1 - 3

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Super Spot

05.8223.40  
05.8223.14

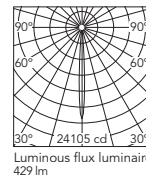


Beam Angle: 7°

h(m)	E(lx)	D(m)
1	22497	0.12
2	5624	0.23
3	2500	0.35
4	1406	0.47
5	900	0.59

### 3000K Optic Super Spot

05.8233.40  
05.8233.14

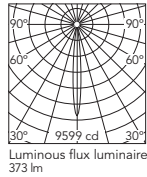


Beam Angle: 7°

h(m)	E(lx)	D(m)
1	24105	0.12
2	6026	0.23
3	2678	0.35
4	1507	0.47
5	964	0.59

### Optic Spot

05.8224.40  
05.8224.14

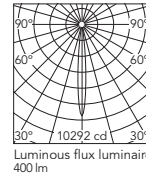


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	9599	0.17
2	2400	0.35
3	1067	0.52
4	600	0.70
5	384	0.87

### Optic Spot

05.8234.40  
05.8234.14

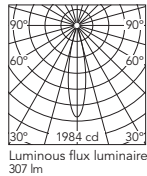


Beam Angle: 10°

h(m)	E(lx)	D(m)
1	10292	0.17
2	2573	0.35
3	1144	0.52
4	643	0.70
5	412	0.87

### Optic Medium

05.8225.40  
05.8225.14

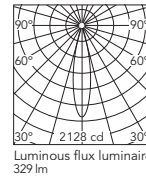


Beam Angle: 22°

h(m)	E(lx)	D(m)
1	1984	0.38
2	496	0.77
3	220	1.15
4	124	1.54
5	79	1.92

### Optic Medium

05.8235.40  
05.8235.14



Beam Angle: 22°

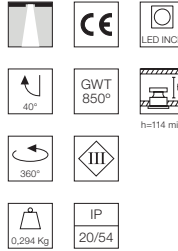
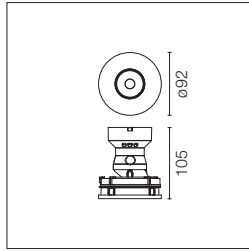
h(m)	E(lx)	D(m)
1	2128	0.38
2	532	0.77
3	236	1.15
4	133	1.54
5	85	1.92

\* La combinazione di modelli con sorgente di luce Power LED e LED Array può comportare delle piccole differenze di cromaticità nella luce. In un medesimo spazio, si raccomanda usare la stessa sorgente di luce.

\* The combination of models using Power LED and Array LED light sources can lead to slight differences in the chromaticity of the light. It is recommended to use the same light source in shared spaces.

## Eclectic Ø90 - Adjustable Flat

Light Source: LED Array DC 300 mA - 10,5W - 1114 lm - 2700K/CRI 90 / 10,5W - 1162 lm - 3000K/CRI 90



Eclectic Ø90. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo "Flat". Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 49°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

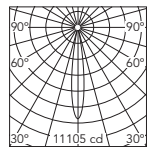
Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). "Flat" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 49° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 22W	RF31855
Non Dimmable 42W	60.9162
Dimmable Dalì 2 38W	RF30699
Dimmable Dalì 2 20W	60.9713.0300
Dimmable 0-10V 20W	60.9208
Dimmable 0-10V 20W	60.9843
Mains Dimming 20W	60.9467
Casambi 26W	60.9716

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K  
Optic Spot**  
05.8150.40  
05.8150.14

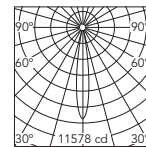


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	11105	0.27
2	2776	0.53
3	1234	0.80
4	694	1.06
5	444	1.33

Luminous flux luminaire  
852 lm

**3000K  
Optic Spot**  
05.8170.40  
05.8170.14

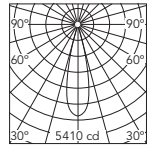


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	11578	0.27
2	2894	0.53
3	1286	0.80
4	724	1.06
5	463	1.33

Luminous flux luminaire  
889 lm

**Optic Medium**  
05.8151.40  
05.8151.14

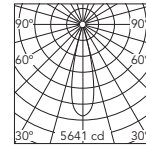


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5410	0.44
2	1352	0.88
3	601	1.32
4	338	1.76
5	216	2.20

Luminous flux luminaire  
874 lm

**Optic Medium**  
05.8171.40  
05.8171.14

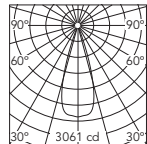


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5641	0.44
2	1410	0.88
3	627	1.32
4	353	1.76
5	226	2.20

Luminous flux luminaire  
912 lm

**Optic Flood**  
05.8152.40  
05.8152.14

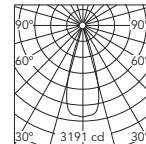


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3061	0.60
2	765	1.21
3	340	1.81
4	191	2.41
5	122	3.02

Luminous flux luminaire  
885 lm

**Optic Flood**  
05.8172.40  
05.8172.14

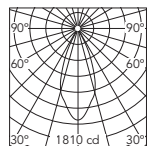


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3191	0.60
2	798	1.21
3	355	1.81
4	199	2.41
5	128	3.02

Luminous flux luminaire  
923 lm

**Optic Wide Flood**  
05.8153.40  
05.8153.14

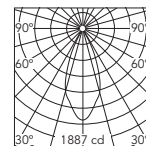


Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1810	0.75
2	452	1.51
3	201	2.26
4	113	3.01
5	72	3.76

Luminous flux luminaire  
782 lm

**Optic Wide Flood**  
05.8173.40  
05.8173.14



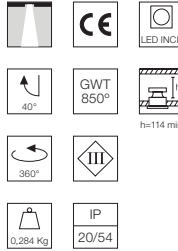
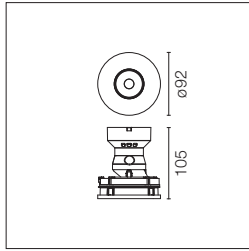
Beam Angle: 41°

h(m)	E(lx)	D(m)
1	1887	0.75
2	472	1.51
3	210	2.26
4	118	3.01
5	75	3.76

Luminous flux luminaire  
815 lm

## Eclectic Ø90 - Adjustable Flat

**Light Source:** Power LED DC 600 mA - 7W - 534 lm - 2700K/CRI 90 / 7W - 572 lm - 3000K/CRI 90



Eclectic Ø90. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo 'Flat'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 49°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sorgente di luce, Power LED\*. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). "Flat" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 49° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Power LED light source\*. Alternative options for lenses, orientation modules and style façades are available as spare parts.

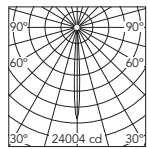
Alimentazioni raccomandate / Recommended power supply\*:

		Serial Con.
Non Dimmable 32W	60.9592	1 - 3
Non Dimmable 42W	60.9162	1 - 3
Dimmable Dalí 2 38W	RF30699	1 - 4
Dimmable Dalí 2 20W	60.9713.0600	1 - 2
Dimmable 0-10V 20W	60.9208	1 - 2
Dimmable 0-10V 40W	60.9845	1 - 3
Mains Dimming 20W	60.9467	1 - 2
Casambi 26W	60.9716	1 - 3

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K Optic Super Spot

05.8226.40  
05.8226.14



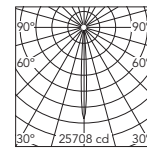
Beam Angle: 7°

h(m)	E(lx)	D(m)
1	24004	0.12
2	6001	0.23
3	2667	0.35
4	1500	0.47
5	960	0.58

Luminous flux luminaire 416 lm

### 3000K Optic Super Spot

05.8236.40  
05.8236.14



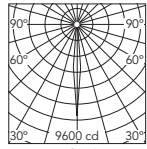
Beam Angle: 7°

h(m)	E(lx)	D(m)
1	25708	0.12
2	6427	0.23
3	2856	0.35
4	1607	0.47
5	1028	0.58

Luminous flux luminaire 445 lm

### Optic Spot

05.8227.40  
05.8227.14



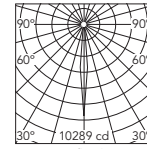
Beam Angle: 9°

h(m)	E(lx)	D(m)
1	9600	0.16
2	2400	0.33
3	1067	0.49
4	600	0.65
5	384	0.81

Luminous flux luminaire 411 lm

### Optic Spot

05.8237.40  
05.8237.14



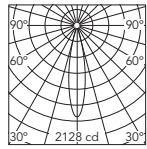
Beam Angle: 9°

h(m)	E(lx)	D(m)
1	10289	0.16
2	2572	0.33
3	1143	0.49
4	643	0.65
5	412	0.81

Luminous flux luminaire 440 lm

### Optic Medium

05.8228.40  
05.8228.14



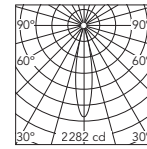
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2128	0.36
2	532	0.73
3	236	1.09
4	133	1.46
5	85	1.82

Luminous flux luminaire 300 lm

### Optic Medium

05.8238.40  
05.8238.14



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	2282	0.36
2	570	0.73
3	254	1.09
4	143	1.46
5	91	1.82

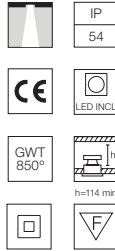
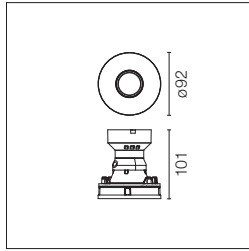
Luminous flux luminaire 322 lm

\* La combinazione di modelli con sorgente di luce Power LED e LED Array può comportare delle piccole differenze di cromaticità nella luce. In un medesimo spazio, si raccomanda usare la stessa sorgente di luce.

\* The combination of models using Power LED and Array LED light sources can lead to slight differences in the chromaticity of the light. It is recommended to use the same light source in shared spaces.

**Eclectic Ø90 Dim To Warm. Fixed Cone**

**Light Source:** LED Array DC 300 mA - 13W - 1026 lm - 1800-3000K/CRI 90



Eclectic Ø90 Dim To Warm. Downlight non orientabile. Frontale estetico tipo 'Cone'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90 Dim To Warm. Non-adjustable Downlight. "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

**Optic Medium**

Dali 2

- 05.8301.40.DA
- 05.8301.14.DA

1-10V

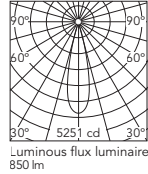
- 05.8301.40.1V
- 05.8301.14.1V

Casambi

- 05.8301.40.CB
- 05.8301.14.CB

Mains Dimming

- 05.8301.40.NI
- 05.8301.14.NI



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	5251	0.43
2	1313	0.87
3	583	1.30
4	328	1.73
5	210	2.17

Luminous flux luminaire 850 lm

**Optic Flood**

Dali 2

- 05.8302.40.DA
- 05.8302.14.DA

1-10V

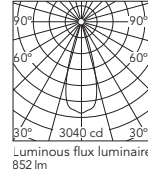
- 05.8302.40.1V
- 05.8302.14.1V

Casambi

- 05.8302.40.CB
- 05.8302.14.CB

Mains Dimming

- 05.8302.40.NI
- 05.8302.14.NI



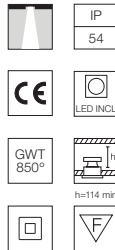
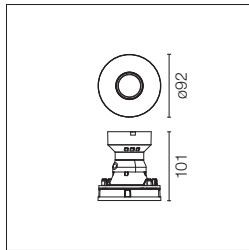
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	3040	0.59
2	760	1.18
3	338	1.78
4	190	2.37
5	122	2.96

Luminous flux luminaire 852 lm

**Eclectic Ø90 Dim To Warm. Fixed Soft**

**Light Source:** LED Array DC 300 mA - 13W - 1026 lm - 1800-3000K/CRI 90



Eclectic Ø90 Dim To Warm. Downlight non orientabile. Frontale estetico tipo 'Soft'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90 Dim To Warm. Non-adjustable Downlight. "Soft" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

**Optic Medium**

Dali 2

- 05.8306.40.DA
- 05.8306.14.DA

1-10V

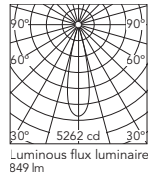
- 05.8306.40.1V
- 05.8306.14.1V

Casambi

- 05.8306.40.CB
- 05.8306.14.CB

Mains Dimming

- 05.8306.40.NI
- 05.8306.14.NI



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	5262	0.43
2	1316	0.87
3	585	1.30
4	329	1.73
5	210	2.16

Luminous flux luminaire 849 lm

**Optic Flood**

Dali 2

- 05.8307.40.DA
- 05.8307.14.DA

1-10V

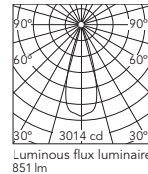
- 05.8307.40.1V
- 05.8307.14.1V

Casambi

- 05.8307.40.CB
- 05.8307.14.CB

Mains Dimming

- 05.8307.40.NI
- 05.8307.14.NI



Beam Angle: 33°

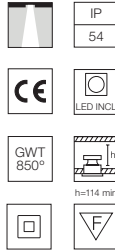
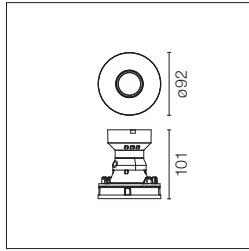
h(m)	E(lx)	D(m)
1	3014	0.59
2	754	1.19
3	335	1.78
4	188	2.38
5	121	2.97

Luminous flux luminaire 851 lm

# ECLECTIC

## Eclectic Ø90 Dim To Warm. Fixed Flat

Light Source: LED Array DC 300 mA - 13W - 1026 lm - 1800-3000K/CRI 90



Eclectic Ø90 Dim To Warm. Downlight non orientabile. Frontale estetico tipo 'Flat'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 49°. Ermeticità IP54. Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90 Dim To Warm. Non-adjustable Downlight. "Flat" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 49° cut-off angle. IP54 water tightness. Alternative options for lenses, orientation modules and style façades are available as spare parts.

### Optic Medium

Dali 2

05.8311.40.DA  
05.8311.14.DA

1-10V

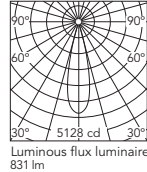
05.8311.40.1V  
05.8311.14.1V

Casambi

05.8311.40.CB  
05.8311.14.CB

Mains Dimming

05.8311.40.NI  
05.8311.14.NI



Beam Angle: 25°

h(m)	E(lx)	D(m)
1	5128	0.44
2	1282	0.88
3	570	1.32
4	321	1.76
5	205	2.20

### Optic Flood

Dali 2

05.8312.40.DA  
05.8312.14.DA

1-10V

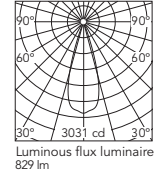
05.8312.40.1V  
05.8312.14.1V

Casambi

05.8312.40.CB  
05.8312.14.CB

Mains Dimming

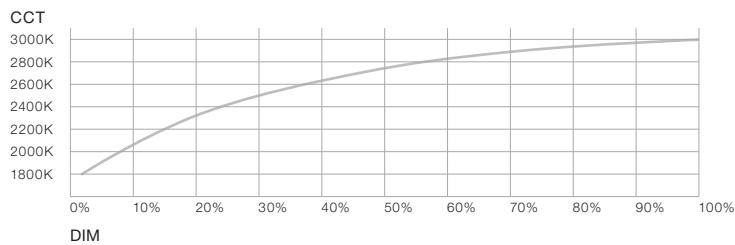
05.8312.40.NI  
05.8312.14.NI



Beam Angle: 33°

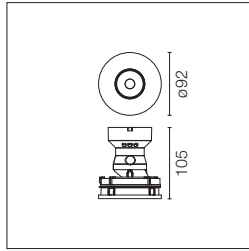
h(m)	E(lx)	D(m)
1	3031	0.59
2	758	1.18
3	337	1.77
4	189	2.36
5	121	2.95

## ECLECTIC DIM TO WARM. HOW IT WORKS?



**Eclectic Ø90 Dim To Warm. Adjustable Cone**

**Light Source:** LED Array DC 300 mA - 13W - 1026 lm - 1800-3000K/CRI 90



GWT 850°  
 LED INCL  
 40°  
 360°  
 IP 54  
 CE  
 F  
 h=114 mm

Eclectic Ø90 Dim To Warm. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo 'Cone'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90 Dim To Warm. Adjustable Downlight (40° tilt, 360° rotation). "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

**Optic Medium**

Dali 2

- 05.8341.40.DA
- 05.8341.14.DA

1-10V

- 05.8341.40.1V
- 05.8341.14.1V

Casambi

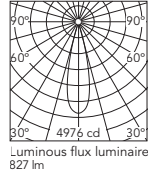
- 05.8341.40.CB
- 05.8341.14.CB

Mains Dimming

- 05.8341.40.NI
- 05.8341.14.NI



MEDIUM



h(m)	E(lx)	D(m)
1	497.6	0.44
2	124.4	0.88
3	55.3	1.32
4	31.1	1.76
5	19.9	2.21

**Optic Flood**

Dali 2

- 05.8342.40.DA
- 05.8342.14.DA

1-10V

- 05.8342.40.1V
- 05.8342.14.1V

Casambi

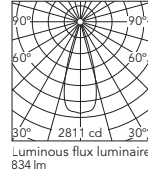
- 05.8342.40.CB
- 05.8342.14.CB

Mains Dimming

- 05.8342.40.NI
- 05.8342.14.NI



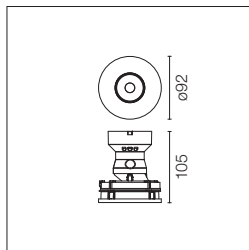
FLOOD



h(m)	E(lx)	D(m)
1	281.1	0.61
2	70.3	1.22
3	31.2	1.82
4	17.6	2.43
5	11.2	3.04

**Eclectic Ø90 Dim To Warm. Adjustable Soft**

**Light Source:** LED Array DC 300 mA - 13W - 1026 lm - 1800-3000K/CRI 90



GWT 850°  
 LED INCL  
 40°  
 360°  
 IP 54  
 CE  
 F  
 h=114 mm

Eclectic Ø90 Dim To Warm. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo 'Soft'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 41°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90 Dim To Warm. Adjustable Downlight (40° tilt, 360° rotation). "Soft" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

**Optic Medium**

Dali 2

- 05.8346.40.DA
- 05.8346.14.DA

1-10V

- 05.8346.40.1V
- 05.8346.14.1V

Casambi

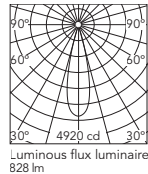
- 05.8346.40.CB
- 05.8346.14.CB

Mains Dimming

- 05.8346.40.NI
- 05.8346.14.NI



MEDIUM



h(m)	E(lx)	D(m)
1	492.0	0.45
2	123.0	0.89
3	54.7	1.34
4	30.8	1.78
5	19.7	2.23

**Optic Flood**

Dali 2

- 05.8347.40.DA
- 05.8347.14.DA

1-10V

- 05.8347.40.1V
- 05.8347.14.1V

Casambi

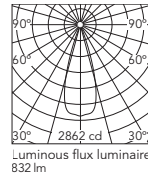
- 05.8347.40.CB
- 05.8347.14.CB

Mains Dimming

- 05.8347.40.NI
- 05.8347.14.NI



FLOOD

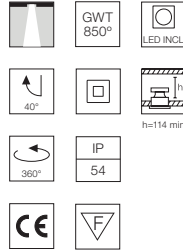
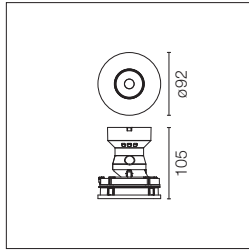


h(m)	E(lx)	D(m)
1	286.2	0.60
2	71.6	1.21
3	31.8	1.81
4	17.9	2.41
5	11.4	3.01

# ECLECTIC

## Eclectic Ø90 Dim To Warm. Adjustable Flat

Light Source: LED Array DC 300 mA - 13W - 1026 lm - 1800-3000K/CRI 90



Eclectic Ø90 Dim To Warm. Downlight orientabile (basculaggio 40°, giro 360°). Frontale estetico tipo 'Flat'. Cornici di installazione necessari, non inclusi (da ordinare separatamente). Posizione arretrata del LED: angolo cut-off di 49°. Ermeticità IP20 (per IP54, richiedere accessorio apposito). Sono disponibili come pezzi di ricambio varie opzioni di lenti, moduli di orientabilità e di frontali estetici.

Eclectic Ø90 Dim To Warm. Adjustable Downlight (40° tilt, 360° rotation). "Flat" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 49° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

### Optic Medium

Dali 2

05.8351.40.DA  
05.8351.14.DA

1-10V

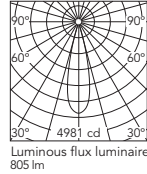
05.8351.40.1V  
05.8351.14.1V

Casambi

05.8351.40.CB  
05.8351.14.CB

Mains Dimming

05.8351.40.NI  
05.8351.14.NI



Beam Angle: 25°		
h(m)	E(lx)	D(m)
1	4981	0.44
2	1245	0.88
3	553	1.32
4	311	1.76
5	199	2.20

### Optic Flood

Dali 2

05.8352.40.DA  
05.8352.14.DA

1-10V

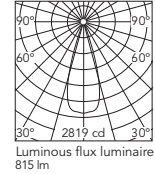
05.8352.40.1V  
05.8352.14.1V

Casambi

05.8352.40.CB  
05.8352.14.CB

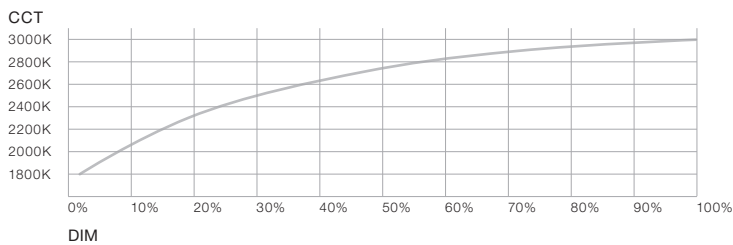
Mains Dimming

05.8352.40.NI  
05.8352.14.NI



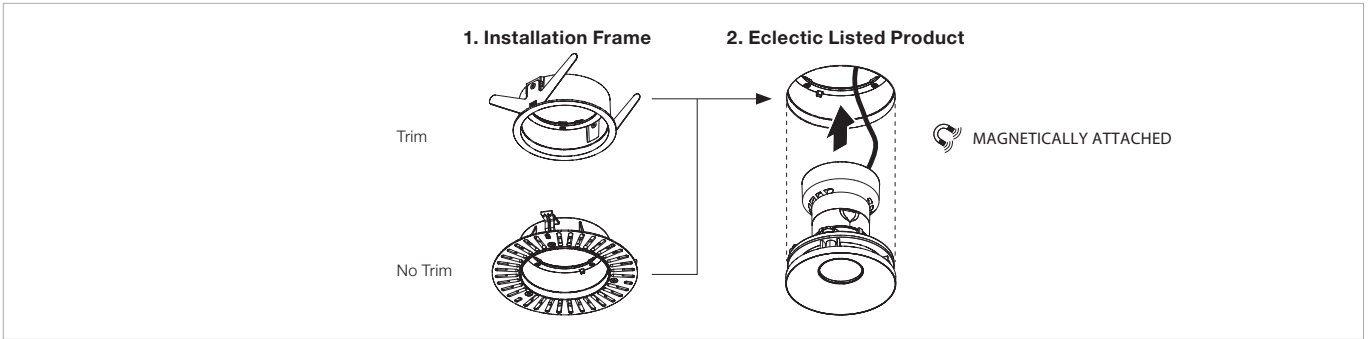
Beam Angle: 34°		
h(m)	E(lx)	D(m)
1	2819	0.60
2	705	1.21
3	313	1.81
4	176	2.41
5	113	3.02

## ECLECTIC DIM TO WARM. HOW IT WORKS?

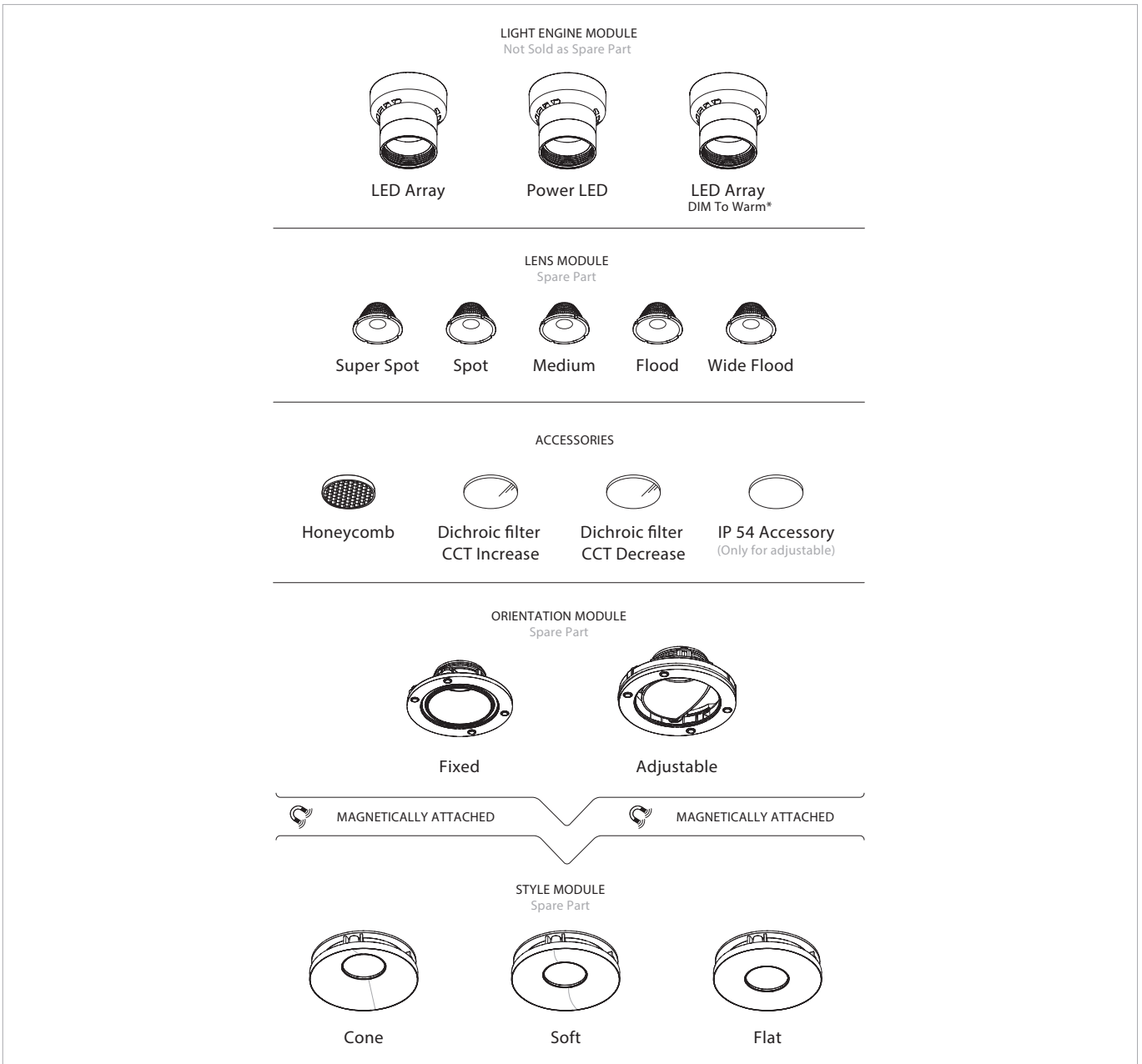


# ECLECTIC

## HOW TO ORDER ECLECTIC Ø90



## ACCESSORIES & SPARE PARTS ECLECTIC Ø90



Light Engine Module not Sold as Spare Part. Special Orders Please Consult.  
\* In Dim to Warm models the driver is included. In the rest of the models, it is supplied separately.

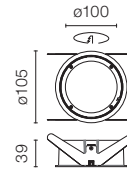


# ECLECTIC

## Accessori Ø90 / Accessories Ø90

Struttura Trim.  
Per ulteriori richieste e misure di installazione, consultare il manuale delle istruzioni.

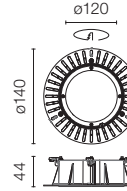
Trim Frame.  
For further and full installation measures & requirements, please consult mounting instructions.



08.0671.40  
08.0671.14

Struttura No Trim.  
Per ulteriori richieste e misure di installazione, consultare il manuale delle istruzioni.

No Trim Frame.  
For further and full installation measures & requirements, please consult mounting instructions.



08.0673.00

Pannello nido d'ape

Honeycomb



08.0728.00

Regolabile IP54

Adjustable IP 54



08.0730.00

Filtro bicromatico CCT

Dichroic CCT Filter



Increase  
2700K >> 3125±75K  
3000K >> 3600±75K  
08.0735.00

Decrease  
2700K >> 2450±75K  
3000K >> 2700±75K  
08.0736.00

## Ricambio Ø90 / Spare parts Ø90

Lenti

Lenses



### LED Array

Opic Spot  
08.0714.00  
Opic Medium  
08.0715.00  
Opic Flood  
08.0716.00  
Opic Wide Flood  
08.0717.00

### Power LED

Opic Super Spot  
08.0718.00  
Opic Spot  
08.0719.00  
Opic Medium  
08.0720.00

### LED Array DIM To Warm

Opic Medium  
08.0715.00  
Opic Flood  
08.0716.00

Modulo d'orientazione

Orientation Module



Fixed  
08.0741.00

Adjustable  
08.0742.00

Modulo di stile

Style Modules



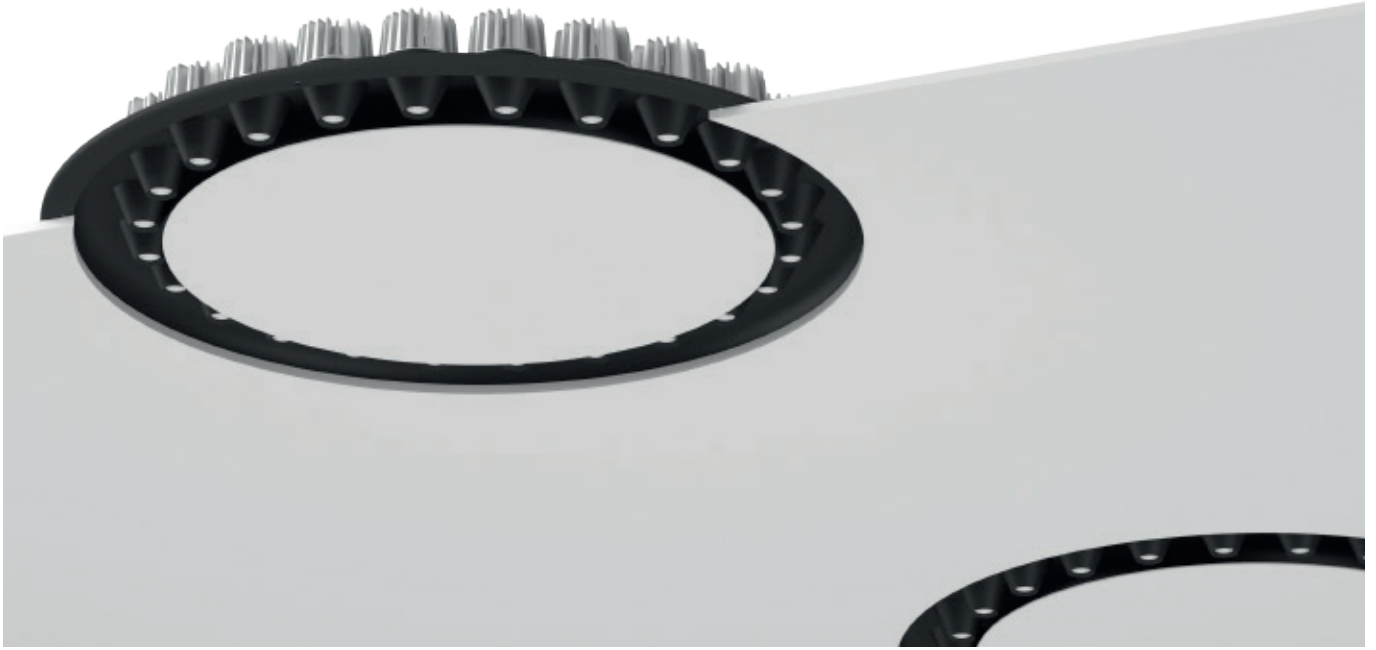
Cone  
08.0724.40  
08.0724.14

Soft  
08.0725.40  
08.0725.14

Flat  
08.0726.40  
08.0726.14

# CIRCLE OF LIGHT

DESIGNED BY FLOS ARCHITECTURAL



CIRCLE OF LIGHT  
300 mm



**LIGHT SOURCE**  
POWER LED  
12x3W  
12x325 lm  
2700K/CRI 90  
12x3W  
12x370 lm  
3000K/CRI 90

CIRCLE OF LIGHT  
600 mm



**LIGHT SOURCE**  
POWER LED  
24x3W  
24x325 lm  
2700K/CRI 90  
24x3W  
24x370 lm  
3000K/CRI 90

CIRCLE OF LIGHT  
900 mm



**LIGHT SOURCE**  
POWER LED  
36x3W  
36x325 lm  
2700K/CRI 90  
36x3W  
36x370 lm  
3000K/CRI 90

■ 14 Nero  
■ 14 Black



reddot design award  
winner 2013

## Descrizione

Apparecchio ad incasso per interni facile da installare in soffitti di cartongesso, formato da una struttura circolare sulla quale si posiziona un modulo di illuminazione LED, riprodotto lungo tutto il suo perimetro. Il prodotto viene fornito pre-assemblato su un profilo tipo "Soft Architecture" per garantire un facile montaggio e una perfetta integrazione nel soffitto. Grazie a un sistema di fissaggio magnetico, i lavori di installazione dei moduli di luce e le eventuali operazioni di manutenzione potranno essere eseguiti senza la necessità di attrezzi specifici. Circle of Light è disponibile in tre diametri: 300, 600 e 900 mm formati rispettivamente da 12, 24 o 36 spot.

## Riflettori

L'apparecchio è disponibile in versioni a luce d'accento con ottiche intensive (accent lighting) o a luce ambientale con ottiche estensive (general lighting) che donano al sistema una certa flessibilità per adattarsi alle varie esigenze di illuminazione.

## Unità di Alimentazione

Alimentatore remoto a 1050 mA compreso. Driver 1-10V (1V funziona al 10%) per driver passivi (sink system). Compatibile con regolatori di controllo attivi 0,6-10V (source system). La versione 1-10V può essere controllata anche tramite pulsante normalmente aperto senza luce di cortesia. Disponibili cavi di sincronizzazione tra drivers (consultare il dipartimento tecnico per maggiori dettagli sull'installazione).

## Informazioni Aggiuntive

L'apparecchio d'illuminazione viene fornito con una fonte di alimentazione remota a corrente costante da collegare a un distributore di connessione dotato di connessioni rapide. In questo modo, si garantisce la sua corretta installazione e non è richiesto l'uso di strumenti specifici. La possibilità di rimuovere la parte centrale dell'apparecchio d'illuminazione favorisce l'accesso successivo tanto alla fonte di alimentazione quanto al distributore delle connessioni e al suo cablaggio, rendendo così più comoda e semplice la manutenzione. Grado di protezione IP20. Classe di isolamento II.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

A lighting system for indoor application comprised of a circular metal structure on which individual LED lighting spots are placed. The fitting is pre-wired and comes with a "Soft Architecture" type frame for an easy and seamless installation on the plasterboard ceiling. The LED lighting modules are attached with a magnet for an easy mounting and for the maintenance no special tools are needed. Circle of Light is available in three diameters: 300, 600 or 900 mm comprised of 12, 24 or 36 LED Lighting Spots, according to each size.

## Reflectors

The LED spotlight set for the Circle of Light is available for Accent Lighting or General Lighting optic concepts. Herewith this fitting offers a some flexibility to create the desired ambiance.

## Power Supply

Remote equipment 1050 mA included. Driver 1-10V (1V means 10%) for passive dimming controls (sink system). Also compatible with active dimming controls 0,6-10V (source system). The 1-10-V version can also be controlled a simple button without courtesy light. Cables available for synchronization between drivers (contact the technical department for more details about installation).

## Additional Information

The luminaire is supplied with a constant current remote power supply which is connected to a connection distributor equipped with quick connections, to ensure a successful installation where no specific tools are required. Since the central part of the luminaire can be removed, subsequent access to both the power supply and the connection distributor and its interconnecting wiring is ensured. This means that the maintenance work can be carried out easily and conveniently. IP20 protection grade. Insulation class II.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Compliance Of Standards And Quality Marks

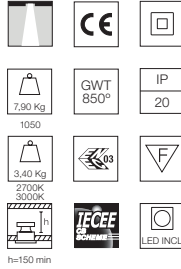
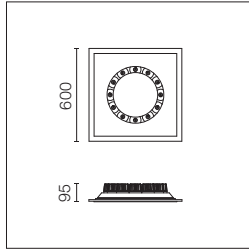
EN60598-1 European Technical Standards and any subsequent additions.



# CIRCLE OF LIGHT

## Circle Of Light 300 mm

**Light Source:** Power LED 12x4,5W - 12x315 lm - 2700K/CRI 90 / 12x4,5W - 12x297 lm - 3000K/CRI 90



Systema di illuminazione perfettamente integrato nel soffitto, studiato per alloggiare 12 spot tipo LED. Set di 12 spot completo di box di unione, alimentatore e cavi sono da ordinare separatamente. La versione 1-10V è dimmerabile dal 10% al 100%.

Luce d'accento e luce generale: è necessario ordinare 1 unità.

Lighting system, seamless ceiling mounted, for 12 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

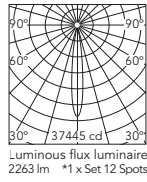
Accent lighting and general lighting: 1 unit must be ordered.

Per le versioni Casambi, consultare il Front Office.

For Casambi versions consult the Front Office.

**Ø300**  
Soft Plate  
SA.1050.1

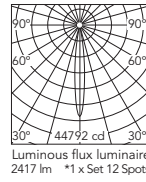
**2700K**  
Set of 12 spots. Accent Lighting



Beam Angle: 14°			
h(m)	E(lx)	D(m)	
1	37445	0.24	
2	9361	0.48	
3	4161	0.72	
4	2340	0.95	
5	1498	1.19	

Luminous flux luminaire 37445 cd  
2263 lm \*1 x Set 12 Spots

**3000K**  
Set of 12 spots. Accent Lighting



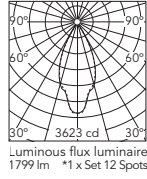
Beam Angle: 12°			
h(m)	E(lx)	D(m)	
1	44792	0.22	
2	11198	0.43	
3	4977	0.65	
4	2800	0.87	
5	1792	1.08	

Luminous flux luminaire 44792 cd  
2417 lm \*1 x Set 12 Spots

No DIM  
08.8662.14D  
1-10V  
08.8662.14D1V  
Dali Version  
08.8662.14DDA

No DIM  
08.8572.14D  
1-10V  
08.8572.14D1V  
Dali Version  
08.8572.14DDA

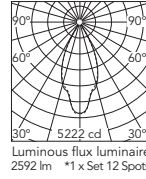
**2700K**  
Set of 12 spots. General Lighting



Beam Angle: 46°			
h(m)	E(lx)	D(m)	
1	3622	0.84	
2	905	1.69	
3	402	2.53	
4	226	3.37	
5	145	4.22	

Luminous flux luminaire 3623 cd  
1799 lm \*1 x Set 12 Spots

**3000K**  
Set of 12 spots. General Lighting



Beam Angle: 46°			
h(m)	E(lx)	D(m)	
1	5222	0.84	
2	1305	1.69	
3	580	2.53	
4	326	3.37	
5	209	4.22	

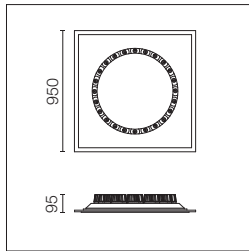
Luminous flux luminaire 5222 cd  
2592 lm \*1 x Set 12 Spots

No DIM  
08.8663.14D  
1-10V  
08.8663.14D1V  
Dali Version  
08.8663.14DDA

No DIM  
08.8573.14D  
1-10V  
08.8573.14D1V  
Dali Version  
08.8573.14DDA

## Circle Of Light 600 mm

**Light Source:** Power LED 24x4,5W - 24x315 lm - 2700K/CRI 90 / 24x4,5W - 24x297 lm - 3000K/CRI 90



Systema di illuminazione perfettamente integrato nel soffitto, studiato per alloggiare 24 faretti tipo LED. Set di 12 spot completo di box di unione, alimentatore e cavi sono da ordinare separatamente. La versione 1-10V è dimmerabile dal 10% al 100%.

Luce d'accento e luce generale: è necessario ordinare 2 unità.

Lighting system, seamless ceiling mounted, for 24 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

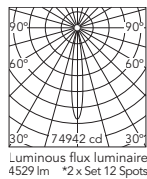
Accent lighting and general lighting: 2 units must be ordered.

Per le versioni Casambi, consultare il Front Office.

For Casambi versions consult the Front Office.

**Ø600**  
Soft Plate  
SA.1051.1

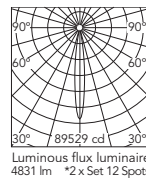
**2700K**  
Set of 12 spots. Accent Lighting



Beam Angle: 14°			
h(m)	E(lx)	D(m)	
1	74942	0.24	
2	18736	0.48	
3	8327	0.72	
4	4684	0.95	
5	2998	1.19	

Luminous flux luminaire 74942 cd  
4529 lm \*2 x Set 12 Spots

**3000K**  
Set of 12 spots. Accent Lighting



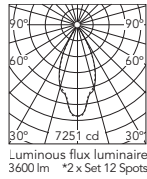
Beam Angle: 12°			
h(m)	E(lx)	D(m)	
1	89529	0.22	
2	22382	0.43	
3	9948	0.65	
4	5596	0.87	
5	3581	1.08	

Luminous flux luminaire 89529 cd  
4831 lm \*2 x Set 12 Spots

No DIM  
08.8662.14D  
1-10V  
08.8662.14D1V  
Dali Version  
08.8662.14DDA

No DIM  
08.8572.14D  
1-10V  
08.8572.14D1V  
Dali Version  
08.8572.14DDA

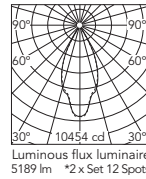
**2700K**  
Set of 12 spots. General Lighting



Beam Angle: 46°			
h(m)	E(lx)	D(m)	
1	7248	0.84	
2	1812	1.69	
3	805	2.53	
4	453	3.37	
5	290	4.22	

Luminous flux luminaire 7251 cd  
3600 lm \*2 x Set 12 Spots

**3000K**  
Set of 12 spots. General Lighting



Beam Angle: 46°			
h(m)	E(lx)	D(m)	
1	10449	0.84	
2	2612	1.69	
3	1161	2.53	
4	653	3.37	
5	418	4.22	

Luminous flux luminaire 10454 cd  
5189 lm \*2 x Set 12 Spots

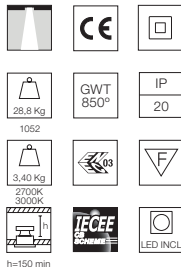
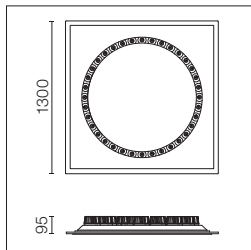
No DIM  
08.8663.14D  
1-10V  
08.8663.14D1V  
Dali Version  
08.8663.14DDA

No DIM  
08.8573.14D  
1-10V  
08.8573.14D1V  
Dali Version  
08.8573.14DDA

# CIRCLE OF LIGHT

## Circle Of Light 900 mm

**Light Source:** Power LED 36x4,5W - 36x315 lm - 2700K/CRI 90 / 36x4,5W - 36x297 lm - 3000K/CRI 90



Sistema di illuminazione perfettamente integrato nel soffitto, studiato per alloggiare 36 faretto tipo LED. Set di 12 spot completo di box di unione, alimentatore e cavi sono da ordinare separatamente. La versione 1-10V è dimmerabile dal 10% al 100%.

Luce d'accento e luce generale: è necessario ordinare 3 unità.

Lighting system, seamless ceiling mounted, for 36 individual LED lighting spots. Set of 12 spots, complete with junction box, power supply and cables, has to be ordered separately. The 1-10V version is dimmable from 10% to 100%.

Accent lighting and general lighting: 3 units must be ordered.

### Ø900

Soft Plate

SA.1052.1

### 2700K

Set of 12 spots. Accent Lighting

No DIM

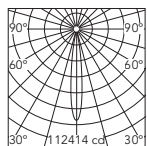
08.8662.14D

1-10V

08.8662.14D1V

Dali Version

08.8662.14DDA



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	112414	0.24
2	28103	0.48
3	12490	0.72
4	7026	0.95
5	4497	1.19

Luminous flux luminaire  
6794 lm \*3 x Set 12 Spots

### 3000K

Set of 12 spots. Accent Lighting

No DIM

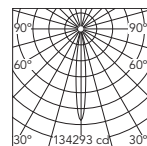
08.8572.14D

1-10V

08.8572.14D1V

Dali Version

08.8572.14DDA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	134293	0.22
2	33573	0.43
3	14921	0.65
4	8393	0.87
5	5372	1.08

Luminous flux luminaire  
7246 lm \*3 x Set 12 Spots

### 2700K

Set of 12 spots. General Lighting

No DIM

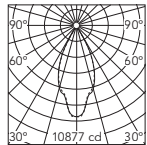
08.8663.14D

1-10V

08.8663.14D1V

Dali Version

08.8663.14DDA



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	10872	0.84
2	2718	1.69
3	1208	2.53
4	680	3.37
5	435	4.22

Luminous flux luminaire  
5399 lm \*3 x Set 12 Spots

### 3000K

Set of 12 spots. General Lighting

No DIM

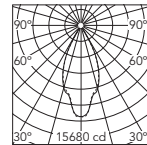
08.8573.14D

1-10V

08.8573.14D1V

Dali Version

08.8573.14DDA



Beam Angle: 46°

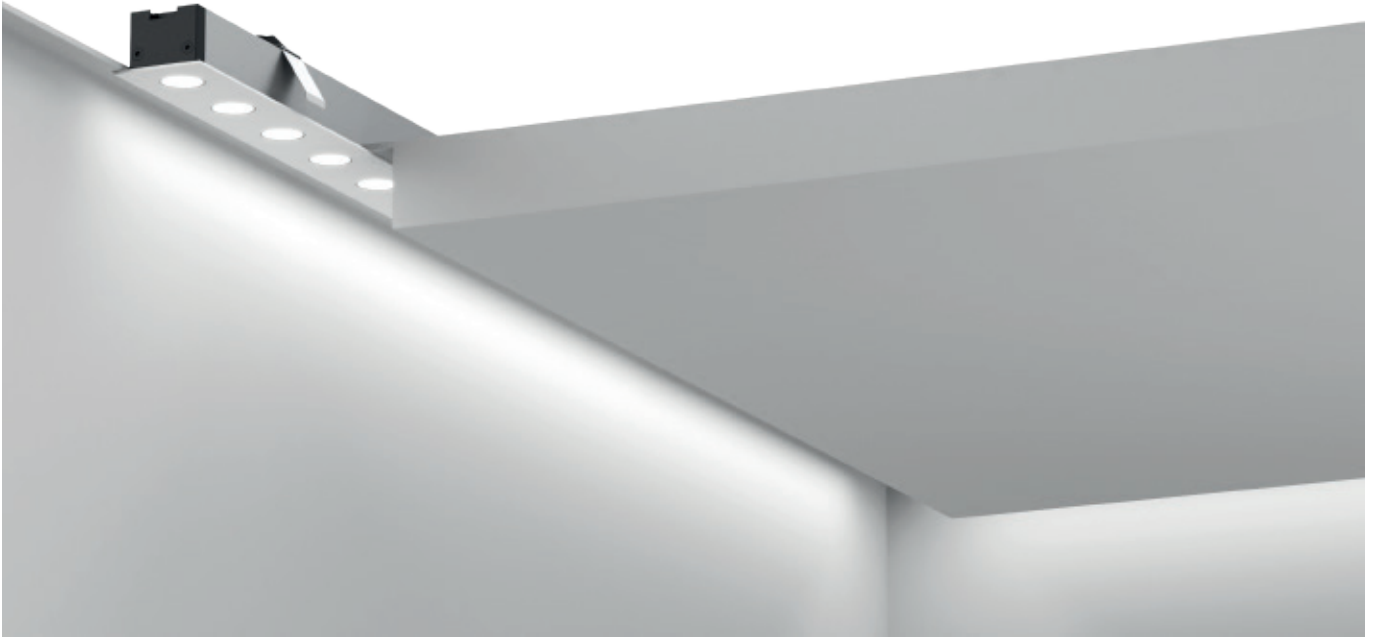
h(m)	E(lx)	D(m)
1	15673	0.84
2	3918	1.69
3	1741	2.53
4	980	3.37
5	627	4.22

Luminous flux luminaire  
7784 lm \*3 x Set 12 Spots

# LED CURTAIN

DESIGNED BY FLOS ARCHITECTURAL

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## LIGHT SOURCE

POWER LED  
29W/m  
24V  
2845 lm/m  
3000K/CRI 90  
3495 lm/m  
4000K/CRI 90

---

30 Bianco  
 30 White



# LED CURTAIN

## Descrizione

Apparecchi di illuminazione ad incasso con fonte luminosa LED. Realizzata tramite due profili in alluminio estruso che fungono da dissipatore di calore per i LED di potenza. È dotato di lenti ellittiche per una perfetta distribuzione della luce. Disponibile in moduli di diverse lunghezze collegabili tra di loro mediante un cavo di unione con connessione rapida tipo Tyco.

## Unità di Alimentazione

Fonte di alimentazione di 24V disponibile da 20W fino a 100W di potenza. (massimo 3 metri di lunghezza). Sistema di controllo con dimmer 1-10V o Dali disponibili.

## Informazioni Aggiuntive

Modulo LED in diverse lunghezze collegabili fra loro tramite il cavo di unione. L'alimentazione deve essere realizzata con il cavo specifico, disponibile negli accessori, dotato di connettori rapidi tipo Tyco. Massima lunghezza da un punto di alimentazione, 3 metri. Grado di protezione IP20. Classe di isolamento III.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Embedded light fixtures for LED light source. Made of two extruded aluminium sections used to dissipate the heat from the power LEDs. With elliptical lenses for perfect light distribution. Available in modules of different lengths which can be interconnected by a Tyco-type fast-connection cable.

## Power Supply

24V power supplies available with a power of between 20W and 100W (maximum 3 metres in length). Control system with 1-10V dimmer or Dali available.

## Additional Information

LED modules of different lengths, inter-connectable using the connection cable. With fast Tyco-type connectors, for power supply with the cable provided for this purpose, available with accessories. Maximum length from a connection point 3 metres. IP20 protection grade. Insulation class III.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

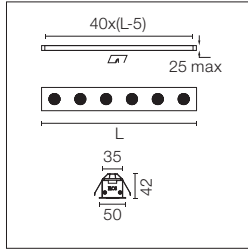
EN60598-1 European Technical Standards and any subsequent additions.



# LED CURTAIN

## LED Curtain

**Light Source:** Power LED 29W/m - 24V - 2845 lm/m - 3000K/CRI 90 / 29W/m - 24V - 3495 lm/m - 4000K/CRI 90



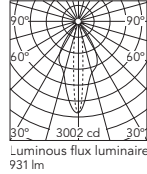
Apparecchio di illuminazione ad incasso per illuminazione diretta a LED. Completo di lente ellittica 12°x52°. Driver remoto non incluso.

Recessed luminaire for direct lighting with LED. Elliptical lens 12°x52° incorporated. Remote transformer not included.

### 3000K

L: 600 mm  
17,3W - 1906 lm - 12 LEDs

03.3902.30E



Beam Angle: 12°

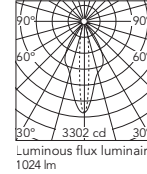
h(m)	E(lx)	D(m)
1	3004	0.21
2	751	0.42
3	334	0.62
4	188	0.83
5	120	1.04

Luminous flux luminaire  
931 lm

### 4000K

L: 600 mm  
17,3W - 2097 lm - 12 LEDs

03.3922.30E



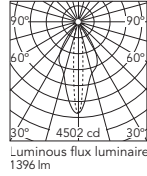
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	3304	0.21
2	826	0.42
3	367	0.62
4	207	0.83
5	132	1.04

Luminous flux luminaire  
1024 lm

L: 900 mm  
26W - 2859 lm - 18 LEDs

03.3903.30E



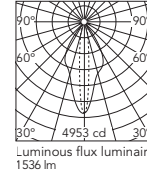
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	4505	0.21
2	1126	0.42
3	501	0.62
4	282	0.83
5	180	1.04

Luminous flux luminaire  
1396 lm

L: 900 mm  
26W - 3146 lm - 18 LEDs

03.3923.30E



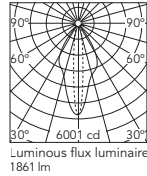
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	4956	0.21
2	1239	0.42
3	551	0.62
4	310	0.83
5	198	1.04

Luminous flux luminaire  
1536 lm

L: 1200 mm  
34,7W - 3412 lm - 24 LEDs

03.3904.30E



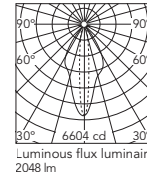
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	6005	0.21
2	1501	0.42
3	667	0.62
4	375	0.83
5	240	1.04

Luminous flux luminaire  
1861 lm

L: 1200 mm  
34,7W - 4194 lm - 24 LEDs

03.3924.30E



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	6608	0.21
2	1652	0.42
3	734	0.62
4	413	0.83
5	264	1.04

Luminous flux luminaire  
2048 lm

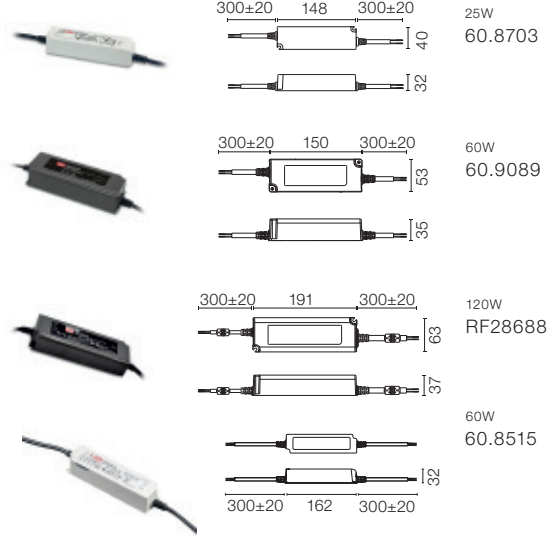


# LED CURTAIN

## Driver / Drivers

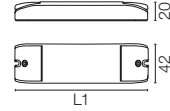
Trasformatore elettronico per LED a tensione costante (24V). 100/240V.

Electronic transformer with constant voltage (24V) for LED. 100/240V.



Unità di controllo per dimmer con 1 canale per la regolazione di moduli LED, per drivers di 24V. Alimentatore non incluso. Max. 120W - 5A.

Dimmable control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.



1-10V  
60.8640  
L1: 172  
  
DALI  
60.9766  
L1: 181

Cavo di unione tra moduli con connessione rapida tipo Tyco.

Connection cable between modules with Tyco fast connection cable.



L: 100 mm  
06.1032.00  
L: 500 mm  
06.1033.00

Cavo di alimentazione con connessione rapida tipo Tyco. Lunghezza massima da alimentare 3 metri.

Power cable with Tyco fast connection cable. Maximum supply length 3 metres.



L: 500 mm  
06.1034.00



# DOWNLIGHTS

Kap, Bon Jour, UT Downlight, Light Supply,  
Wan Downlight, Johnny.

# KAP

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## KAP Ø50

FIXED



ADJUSTABLE



**LIGHT SOURCE**  
LED ARRAY  
7,5W  
595 lm  
2700K/CRI 90  
635 lm  
3000K/CRI 90

## KAP 80

FIXED



**LIGHT SOURCE**  
KAP 80  
LED ARRAY  
9,2W  
935 lm  
2700K/CRI 90  
974 lm  
3000K/CRI 90

ADJUSTABLE



**LIGHT SOURCE**  
KAP 80 PLUS  
LED ARRAY  
13W  
1370 lm  
2700K/CRI 90  
1460 lm  
3000K/CRI 90

WALL-WASHER



**LIGHT SOURCE**  
LED  
QR-CBC 51  
GX5.3

**LIGHT SOURCE**  
LED  
PAR 16  
GZ10

## KAP Ø105

FIXED



**LIGHT SOURCE**  
LED ARRAY  
23W  
2690 lm  
2700K/CRI 90  
2870 lm  
3000K/CRI 90

ADJUSTABLE



**LIGHT SOURCE**  
LED  
QR-CBC 51  
GX5.3

WALL-WASHER



**LIGHT SOURCE**  
LED  
PAR 16  
GZ10

DEEP



**LIGHT SOURCE**  
LED ARRAY  
23W  
2690 lm  
2700K/CRI 90  
2870 lm  
3000K/CRI 90

SQUARE FIXED



**LIGHT SOURCE**  
PHOSPHOR LED  
17W  
1400 lm  
2700K/CRI 98  
1400 lm  
3000K/CRI 98

**LIGHT SOURCE**  
LED  
QR-CBC 51  
GX5.3

## KAP COLORS - TRIMLESS MOUNTING

B1 Bianco  
B1 White



GL Oro Opaco  
GL Matte Gold



74 Nero  
74 Black



EQ Rame  
EQ Copper



# EASY KAP

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## EASY KAP Ø30

FIXED



ADJUSTABLE



**LIGHTSOURCE**  
POWER LED  
3W  
222 lm  
2700K/CRI95  
229 lm  
3000K/CRI95

## EASY KAP Ø50

FIXED



ADJUSTABLE



**LIGHT SOURCE**  
LED ARRAY  
7,5W  
595 lm  
2700K/CRI 90  
635 lm  
3000K/CRI 90

## EASY KAP 80

FIXED



ADJUSTABLE



WALL-WASHER



**LIGHT SOURCE**  
EASY KAP 80  
LED ARRAY  
9,2W  
935 lm  
2700K/CRI 90  
974 lm  
3000K/CRI 90

**LIGHT SOURCE**  
EASY KAP 80 PLUS  
LED ARRAY  
13W  
1370 lm  
2700K/CRI 90  
1460 lm  
3000K/CRI 90

**LIGHT SOURCE**  
EASY KAP 80 DTW  
LED ARRAY  
13W  
1023 lm  
1800K-2850K  
CRI 95  
Dim To Warm

**LIGHT SOURCE**  
LED  
QR-CBC 51  
GX5.3

**LIGHT SOURCE**  
LED  
PAR 16  
GZ10

## EASY KAP Ø105

FIXED



ADJUSTABLE



WALL-WASHER



**LIGHT SOURCE**  
LED ARRAY  
23W  
2690 lm  
2700K/CRI 90  
2870 lm  
3000K/CRI 90

**LIGHT SOURCE**  
LED  
QR-CBC 51  
GX5.3

**LIGHT SOURCE**  
LED  
PAR 16  
GZ10

## EASY KAP COLORS - TRIM MOUNTING

B1 Bianco  
B1 White



GL Oro Opaco  
GL Matte Gold



74 Nero  
74 Black



EQ Rame  
EQ Copper



**Descrizione**

Apparecchio di illuminazione per l'installazione a incasso per lampade alogene, ad alogenuro metallico e LED. La versione Easy Kap ha un corpo iniettato in alluminio per le versioni da 50, 80 e 105 mm, con finiture in vernice liquida, polvere e/o rame metallizzato con diffusore realizzato in vetro o plastica, a seconda della versione. Easy Kap: non richiede cornice di installazione. La versione Kap dispone di un corpo in alluminio con finitura in vernice liquida e rame metallizzato. È disponibile in tre diametri: 50 mm, 80 mm e 105 mm. Ottica principale realizzata in alluminio anodizzato lucido, con elemento diffusore in vetro o plastica a seconda della versione. Porta lampada con elemento dissipatore in alluminio e anello di incasso del corpo ottico in materiale termoplastico.

**Unità di Alimentazione**

Easy Kap 30/50/80/105 LED e Kap 50 e 80: dispositivo remoto non incluso. Kap 105 LED/Kap 80 e Easy Kap 80 Dim To Warm: dispositivo remoto 10-10V incluso. Il voltaggio di uscita del dispositivo deve essere sempre inferiore a 60Vdc. Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

**Accessori**

Cornice di pre installazione per le versioni Kap 50 e 80 round e square, e 105 round. Disponibile con per installazione nel cemento.

**Informazioni Aggiuntive**

Grado di protezione IP20, IP23, IP43, IP44, IP54 a seconda delle versioni.

Classe di isolamento I, II, III, a seconda delle versioni. - KAP 50 / 80 / 105:

Grazie alla remote-phosphor technology, i moduli LED che montano le versioni Phosphor LED offrono la massima qualità luminosa possibile e una percezione degli oggetti e degli spazi, che raggiungono indici di riproduzione cromatica pari a 98, a seconda delle versioni.

I moduli LED installati nelle versioni LED Array dispongono dell'ultima generazione tecnologica grazie alla quale si ottiene la minore temperatura media durante il funzionamento dell'elettronica. Grazie a questa caratteristica, l'apparecchio di illuminazione può funzionare all'interno dei parametri di sicurezza a una maggior potenza, offrendo un aumento del 20% del flusso luminoso.

La nuova tecnologia di regolazione "Dim To Warm" riproduce l'effetto di luce calda delle vecchie lampade alogene grazie alla riduzione dell'intensità luminosa. Gli apparecchi "Dim To Warm" vanno regolati con protocollo 1-10V.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

**Conformità e Marchi di Qualità**

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

**Description**

Luminaire for embedded installation in ceilings for LEDs lamps.

The Easy Kap version has an aluminium injected body for the 50, 80 and 105 mm versions, with a liquid paint, dust and/or metallic copper finish with a glass or plastic diffuser depending on the version. Easy Kap: does not need a pre-installation frame.

The Kap version has an aluminium-injected body with a liquid paint and metallic copper finish. Available in three diameters: 50 mm, 80 mm and 105 mm.

Main optics in shiny anodised aluminium with a glass or plastic diffuser element, depending on the version. Lamp holder with a dissipating element in injected aluminium and a thermoplastic embedding ring for the optic body.

**Power Supply**

Easy Kap 30/50/80/105 LED and Kap 50 and 80: Remote equipment not included.

Kap 105 LED/Kap 80 and Easy Kap 80 Dim To Warm: 1-10V remote equipment included. The output voltage of the equipment must always be less than 60Vdc. Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

**Accessories**

Pre-installation frame for the round and square Kap 50 and 80 and 105 version. Available for installation on cement.

**Additional Information**

IP20, IP23, IP43, IP44, IP54 protection grade depending on the versions.

Insulation class I, II, III depending on the versions.

- KAP 50 / 80 / 105:

Thanks to remote-phosphor technology, the LED modules of the Phosphor LED version offer maximum quality light, the perception of objects and spaces, reaching chromatic reproduction indices of 98, depending on the version.

The LED modules installed on the LED Array versions have cutting-edge technology that permits a lower average temperature in the electronics. Thanks to this feature, the luminaire can operate at a higher power inside the safety parameters yet still offer 20% added luminous flux.

The new "Dim To Warm" technology reproduces the effect of a traditional lamp, offering a warmer light by reducing the light intensity.

The "Dim To Warm" luminaires are dimmed through the 1-10V protocol.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

**Standard Compliance and Quality Marks**

EN60598-1 European Technical Standards and any subsequent additions.



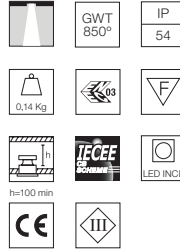
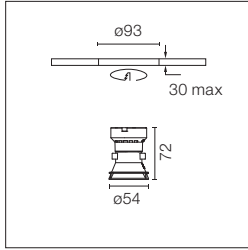
Easy Kap



Kap

## Kap Ø50 Fixed

Light Source: LED Array DC 200 mA - 7,5W - 595 lm - 2700K/CRI 90 / 7,5W - 635 lm - 3000K/CRI 90



Incasso a LED. Fonte di alimentazione esclusa.  
Fonte di alimentazione remota da installare in un luogo accessibile.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included.  
Remote power supply to be installed in an accessible place.  
Pre-installation frame. To be ordered separately.

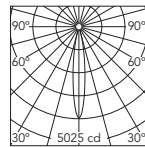
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9160
Dimmable 0-10V	60.9483
Dimmable Dali 2	RF32164
Mains Dimming	60.9421
Casambi	60.9392 + DALI/1-10V Driver

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7300.B1
- 05.7300.GL
- 05.7300.74
- 05.7300.EQ



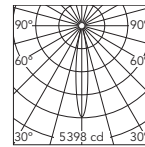
Beam Angle: 15°

h(m)	El(l)	D(m)
1	5025	0.27
2	1256	0.53
3	558	0.80
4	314	1.07
5	201	1.33

Luminous flux luminaire  
543 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 05.7305.B1
- 05.7305.GL
- 05.7305.74
- 05.7305.EQ



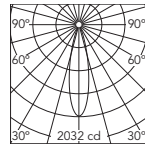
Beam Angle: 15°

h(m)	El(l)	D(m)
1	5398	0.27
2	1349	0.53
3	600	0.80
4	337	1.07
5	216	1.33

Luminous flux luminaire  
583 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 05.7301.B1
- 05.7301.GL
- 05.7301.74
- 05.7301.EQ



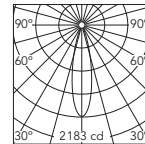
Beam Angle: 24°

h(m)	El(l)	D(m)
1	2032	0.43
2	508	0.86
3	226	1.30
4	127	1.73
5	81	2.16

Luminous flux luminaire  
488 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 05.7306.B1
- 05.7306.GL
- 05.7306.74
- 05.7306.EQ



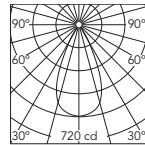
Beam Angle: 24°

h(m)	El(l)	D(m)
1	2183	0.43
2	546	0.86
3	243	1.30
4	136	1.73
5	87	2.16

Luminous flux luminaire  
524 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 05.7302.B1
- 05.7302.GL
- 05.7302.74
- 05.7302.EQ



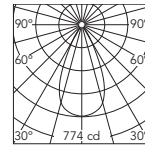
Beam Angle: 49°

h(m)	El(l)	D(m)
1	720	0.91
2	180	1.83
3	80	2.74
4	45	3.66
5	29	4.57

Luminous flux luminaire  
496 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 05.7307.B1
- 05.7307.GL
- 05.7307.74
- 05.7307.EQ



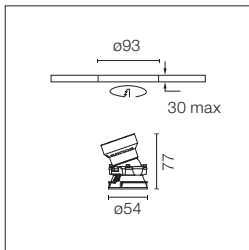
Beam Angle: 49°

h(m)	El(l)	D(m)
1	774	0.91
2	193	1.83
3	86	2.74
4	48	3.66
5	31	4.57

Luminous flux luminaire  
532 lm (EXTREME CUT OFF)  
@White (B1)

**Kap Ø50 Adjustable**

**Light Source:** LED Array DC 200 mA - 7,5W - 595 lm - 2700K/CRI 90 / 7,5W - 635 lm - 3000K/CRI 90



Incasso a LED. Fonte di alimentazione esclusa. Fonte di alimentazione remota da installare in un luogo accessibile. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Remote power supply to be installed in an accessible place. Pre-installation frame. To be ordered separately.

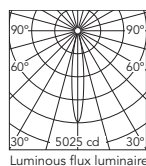
Alimentazioni raccomandate / Recommended power supply\*:

- Non Dimmable 60.9160
- Dimmable 0-10V 60.9483
- Dimmable Dali RF32164
- Mains Dimming 60.9421
- Casambi 60.9392 + DALI/1-10V Driver

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 05.7310.B1
- 05.7310.GL
- 05.7310.74
- 05.7310.EQ



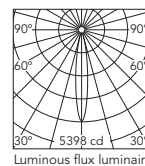
Beam Angle: 15°

H(m)	E(lx)	D(m)
1	5025	0.27
2	1256	0.53
3	558	0.80
4	314	1.07
5	201	1.33

5025 cd  
Luminous flux luminaire 543 lm (EXTREME CUT OFF) @White (B1)

**Optic Spot 3000K**

- 05.7315.B1
- 05.7315.GL
- 05.7315.74
- 05.7315.EQ



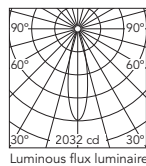
Beam Angle: 15°

H(m)	E(lx)	D(m)
1	5398	0.27
2	1349	0.53
3	600	0.80
4	337	1.07
5	216	1.33

5398 cd  
Luminous flux luminaire 583 lm (EXTREME CUT OFF) @White (B1)

**Optic Medium 2700K**

- 05.7311.B1
- 05.7311.GL
- 05.7311.74
- 05.7311.EQ



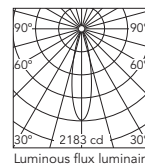
Beam Angle: 24°

H(m)	E(lx)	D(m)
1	2032	0.43
2	508	0.86
3	226	1.30
4	127	1.73
5	81	2.16

2032 cd  
Luminous flux luminaire 488 lm (EXTREME CUT OFF) @White (B1)

**Optic Medium 3000K**

- 05.7316.B1
- 05.7316.GL
- 05.7316.74
- 05.7316.EQ



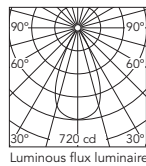
Beam Angle: 24°

H(m)	E(lx)	D(m)
1	2183	0.43
2	546	0.86
3	243	1.30
4	136	1.73
5	87	2.16

2183 cd  
Luminous flux luminaire 524 lm (EXTREME CUT OFF) @White (B1)

**Optic Flood 2700K**

- 05.7312.B1
- 05.7312.GL
- 05.7312.74
- 05.7312.EQ



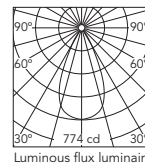
Beam Angle: 49°

H(m)	E(lx)	D(m)
1	720	0.91
2	180	1.83
3	80	2.74
4	45	3.66
5	29	4.57

720 cd  
Luminous flux luminaire 496 lm (EXTREME CUT OFF) @White (B1)

**Optic Flood 3000K**

- 05.7317.B1
- 05.7317.GL
- 05.7317.74
- 05.7317.EQ



Beam Angle: 49°

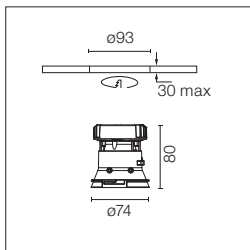
H(m)	E(lx)	D(m)
1	774	0.91
2	193	1.83
3	86	2.74
4	48	3.66
5	31	4.57

774 cd  
Luminous flux luminaire 532 lm (EXTREME CUT OFF) @White (B1)



**Kap Ø80 - Fixed**

**Light Source: Kap Ø80:** LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



	GWT 850°		IP 54
	0,24 Kg		LED INCL
	h=91 min		CE
	IPCEEE		III

Incasso a LED. Fonte di alimentazione esclusa.  
Lente diffusore incluso.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included.  
Diffusing lens included.  
Pre-installation frame. To be ordered separately.

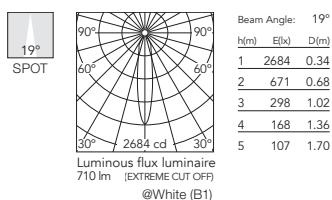
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

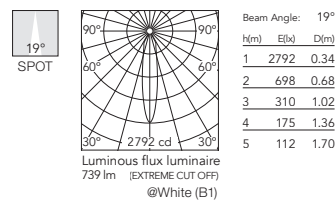
**Optic Spot 2700K**

- 03.4531.B1
- 03.4531.GL
- 03.4531.74
- 03.4531.EQ



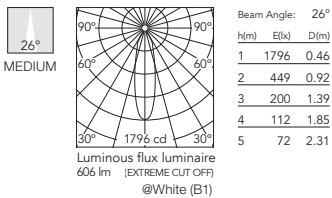
**Optic Spot 3000K**

- 03.4530.B1
- 03.4530.GL
- 03.4530.74
- 03.4530.EQ



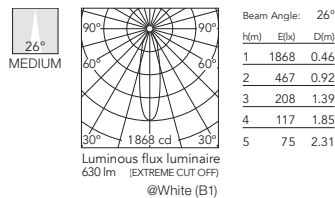
**Optic Medium 2700K**

- 03.4181.B1
- 03.4181.GL
- 03.4181.74
- 03.4181.EQ



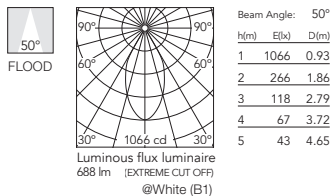
**Optic Medium 3000K**

- 03.4180.B1
- 03.4180.GL
- 03.4180.74
- 03.4180.EQ



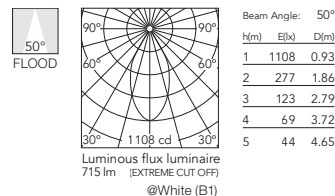
**Optic Flood 2700K**

- 03.4533.B1
- 03.4533.GL
- 03.4533.74
- 03.4533.EQ



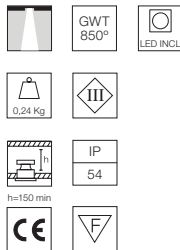
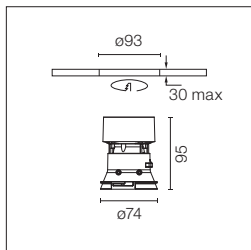
**Optic Flood 3000K**

- 03.4532.B1
- 03.4532.GL
- 03.4532.74
- 03.4532.EQ



**Kap Ø80 Plus - Fixed**

Light Source: Kap Ø80 Plus: LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



Incasso a LED. Fonte di alimentazione esclusa.  
Lente diffusore incluso.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included.  
Diffusing lens included.  
Pre-installation frame. To be ordered separately.

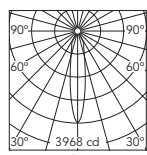
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 05.7451.B1
- 05.7451.GL
- 05.7451.74
- 05.7451.EQ



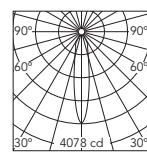
Beam Angle: 19°

h(m)	E(lx)	D(m)
1	3968	0.34
2	992	0.68
3	441	1.02
4	248	1.36
5	159	1.70

Luminous flux luminaire 1050 lm (EXTREME CUT OFF) @White (B1)

**Optic Spot 3000K**

- 05.7450.B1
- 05.7450.GL
- 05.7450.74
- 05.7450.EQ



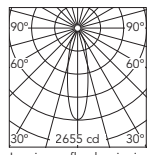
Beam Angle: 19°

h(m)	E(lx)	D(m)
1	4078	0.34
2	1019	0.68
3	453	1.02
4	255	1.36
5	163	1.70

Luminous flux luminaire 1079 lm (EXTREME CUT OFF) @White (B1)

**Optic Medium 2700K**

- 05.7411.B1
- 05.7411.GL
- 05.7411.74
- 05.7411.EQ



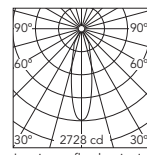
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2655	0.46
2	664	0.92
3	295	1.39
4	166	1.85
5	106	2.31

Luminous flux luminaire 896 lm (EXTREME CUT OFF) @White (B1)

**Optic Medium 3000K**

- 05.7410.B1
- 05.7410.GL
- 05.7410.74
- 05.7410.EQ



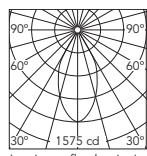
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2728	0.46
2	682	0.92
3	303	1.39
4	170	1.85
5	109	2.31

Luminous flux luminaire 921 lm (EXTREME CUT OFF) @White (B1)

**Optic Flood 2700K**

- 05.7453.B1
- 05.7453.GL
- 05.7453.74
- 05.7453.EQ



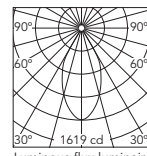
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1575	0.93
2	394	1.86
3	175	2.79
4	98	3.72
5	63	4.65

Luminous flux luminaire 1017 lm (EXTREME CUT OFF) @White (B1)

**Optic Flood 3000K**

- 05.7452.B1
- 05.7452.GL
- 05.7452.74
- 05.7452.EQ



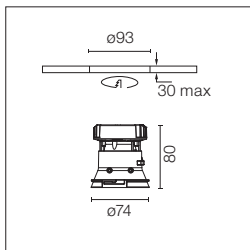
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1619	0.93
2	405	1.86
3	180	2.79
4	101	3.72
5	65	4.65

Luminous flux luminaire 1045 lm (EXTREME CUT OFF) @White (B1)

**Kap Ø80 Fixed - Dim To Warm**

**Light Source:** LED Array DC 300mA - 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm



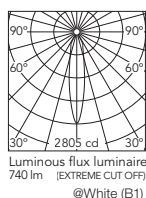
	GWT 850°	IP 54
	0,24 Kg	
	h=91 min	

Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Diffusing lens included. Pre-installation frame. To be ordered separately.

**Optic Spot  
1800K-2850K**

- 03.4530.B1.LE
- 03.4530.GL.LE
- 03.4530.74.LE
- 03.4530.EQ.LE

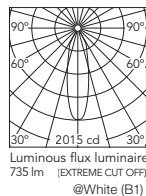


Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2805	0.35
2	701	0.69
3	312	1.04
4	175	1.39
5	112	1.74

**Optic Medium  
1800K-2850K**

- 03.4180.B1.LE
- 03.4180.GL.LE
- 03.4180.74.LE
- 03.4180.EQ.LE

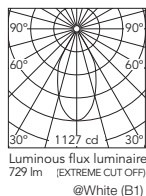


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	2015	0.49
2	504	0.98
3	224	1.46
4	126	1.95
5	81	2.44

**Optic Flood  
1800K-2850K**

- 03.4532.B1.LE
- 03.4532.GL.LE
- 03.4532.74.LE
- 03.4532.EQ.LE

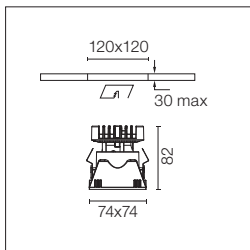


Beam Angle: 49°

h(m)	E(lx)	D(m)
1	1127	0.92
2	282	1.83
3	125	2.75
4	70	3.67
5	45	4.59

**Kap 80 Square - Fixed**

**Light Source: Kap 80:** LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



	GWT 850°		IP 54
	0.24 Kg		0.03
	h=93 min		LED INCL
	CE		III

Incasso a LED. Fonte di alimentazione esclusa.  
Lente diffusore incluso.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included.  
Diffusing lens included.  
Pre-installation frame. To be ordered separately.

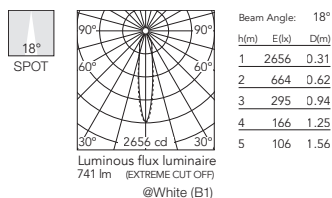
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

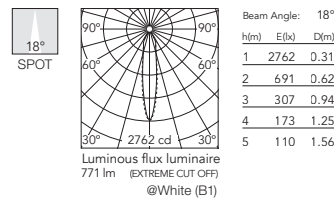
**Optic Spot 2700K**

- 03.4535.B1
- 03.4535.GL
- 03.4535.74
- 03.4535.EQ



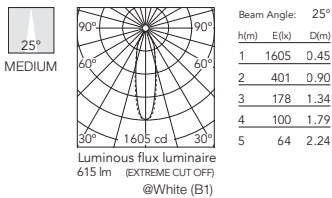
**Optic Spot 3000K**

- 03.4534.B1
- 03.4534.GL
- 03.4534.74
- 03.4534.EQ



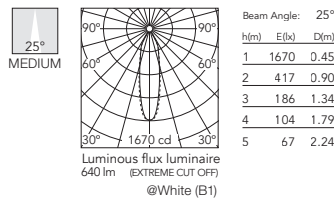
**Optic Medium 2700K**

- 03.4183.B1
- 03.4183.GL
- 03.4183.74
- 03.4183.EQ



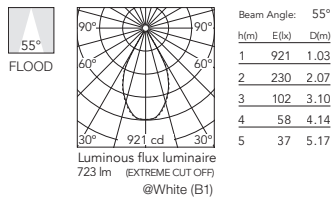
**Optic Medium 3000K**

- 03.4182.B1
- 03.4182.GL
- 03.4182.74
- 03.4182.EQ



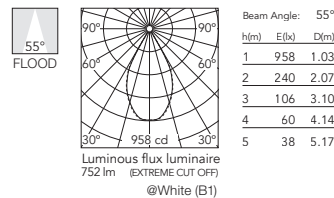
**Optic Flood 2700K**

- 03.4537.B1
- 03.4537.GL
- 03.4537.74
- 03.4537.EQ



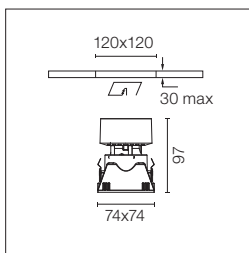
**Optic Flood 3000K**

- 03.4536.B1
- 03.4536.GL
- 03.4536.74
- 03.4536.EQ



**Kap 80 Plus Square - Fixed**

**Light Source: Kap 80 Plus:** LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



LED INCL  
 GWT 850°  
 0,24 Kg  
 IP 54  
 CE  
 F  
 h=150 min

Incasso a LED. Fonte di alimentazione esclusa. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Diffusing lens included. Pre-installation frame. To be ordered separately.

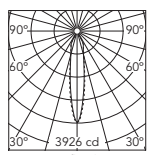
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 05.7455.B1
- 05.7455.GL
- 05.7455.74
- 05.7455.EQ



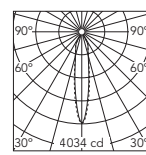
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	3926	0.31
2	981	0.62
3	436	0.94
4	245	1.25
5	157	1.56

Luminous flux luminaire 3926 cd  
1096 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Spot 3000K**

- 05.7454.B1
- 05.7454.GL
- 05.7454.74
- 05.7454.EQ



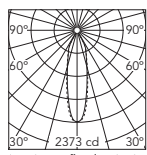
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	4034	0.31
2	1009	0.62
3	448	0.94
4	252	1.25
5	161	1.56

Luminous flux luminaire 4034 cd  
1126 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Medium 2700K**

- 05.7413.B1
- 05.7413.GL
- 05.7413.74
- 05.7413.EQ



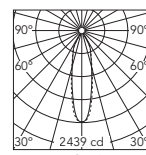
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2373	0.45
2	593	0.90
3	264	1.34
4	148	1.79
5	95	2.24

Luminous flux luminaire 2373 cd  
910 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Medium 3000K**

- 05.7412.B1
- 05.7412.GL
- 05.7412.74
- 05.7412.EQ



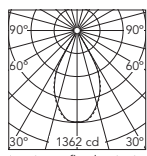
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2439	0.45
2	610	0.90
3	271	1.34
4	152	1.79
5	98	2.24

Luminous flux luminaire 2439 cd  
935 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Flood 2700K**

- 05.7457.B1
- 05.7457.GL
- 05.7457.74
- 05.7457.EQ



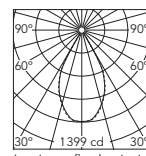
Beam Angle: 55°

h(m)	E(lx)	D(m)
1	1362	1.03
2	340	2.07
3	151	3.10
4	85	4.14
5	54	5.17

Luminous flux luminaire 1362 cd  
1069 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Flood 3000K**

- 05.7456.B1
- 05.7456.GL
- 05.7456.74
- 05.7456.EQ



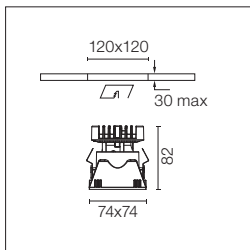
Beam Angle: 55°

h(m)	E(lx)	D(m)
1	1399	1.03
2	350	2.07
3	155	3.10
4	87	4.14
5	56	5.17

Luminous flux luminaire 1399 cd  
1099 lm (EXTREME CUT OFF)  
@White (B1)

**Kap 80 Square Fixed - Dim To Warm**

**Light Source:** LED Array DC 300mA - 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm



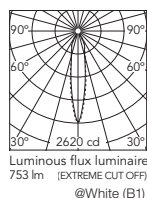
	GWT 850°	IP 54
	0,24 Kg	
	h=98 min	

Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Diffusing lens included. Pre-installation frame. To be ordered separately.

**Optic Spot  
1800K-2850K**

- 03.4534.B1.LE
- 03.4534.GL.LE
- 03.4534.74.LE
- 03.4534.EQ.LE

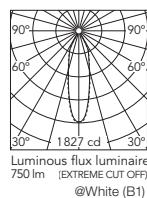


Beam Angle: 18°

H(m)	E(lx)	D(m)
1	2620	0.32
2	655	0.64
3	291	0.96
4	164	1.28
5	105	1.60

**Optic Medium  
1800K-2850K**

- 03.4182.B1.LE
- 03.4182.GL.LE
- 03.4182.74.LE
- 03.4182.EQ.LE

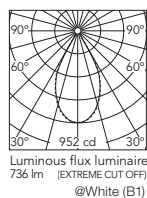


Beam Angle: 27°

H(m)	E(lx)	D(m)
1	1827	0.48
2	457	0.96
3	203	1.45
4	114	1.93
5	73	2.41

**Optic Flood  
1800K-2850K**

- 03.4536.B1.LE
- 03.4536.GL.LE
- 03.4536.74.LE
- 03.4536.EQ.LE

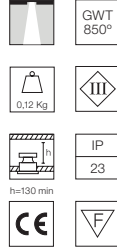
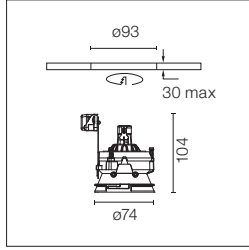


Beam Angle: 54°

H(m)	E(lx)	D(m)
1	952	1.02
2	238	2.04
3	106	3.06
4	59	4.08
5	38	5.10

**Kap Ø80 Fixed**

**Light Source:** LED QR-CBC 51 GX5.3



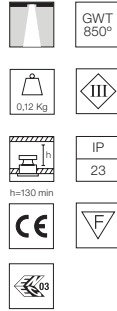
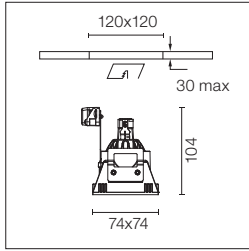
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4228.B1
- 03.4228.GL
- 03.4228.74
- 03.4228.EQ

**Kap 80 Square Fixed**

**Light Source:** LED QR-CBC 51 GX5.3



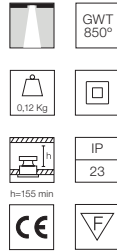
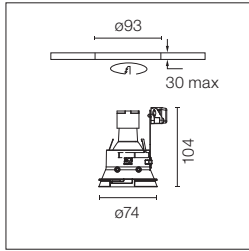
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4226.B1
- 03.4226.GL
- 03.4226.74
- 03.4226.EQ

**Kap Ø80 Fixed**

**Light Source:** LED PAR 16 GZ10



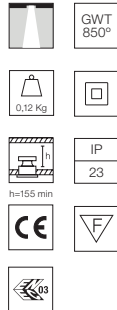
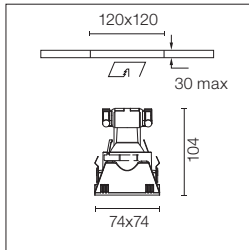
Incasso con alimentazione in tensione di rete.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with main voltage source.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4229.B1
- 03.4229.GL
- 03.4229.74
- 03.4229.EQ

**Kap 80 Square Fixed**

**Light Source:** LED PAR 16 GZ10



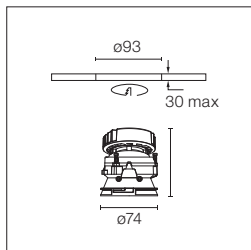
Incasso con alimentazione in tensione di rete.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with main voltage source.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4227.B1
- 03.4227.GL
- 03.4227.74
- 03.4227.EQ

**Kap Ø80 - Adjustable**

**Light Source: Kap Ø80:** LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Diffusing lens included. Pre-installation frame. To be ordered separately.

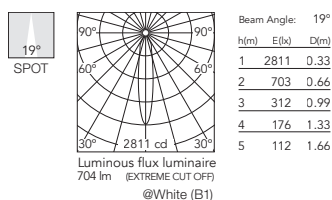
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

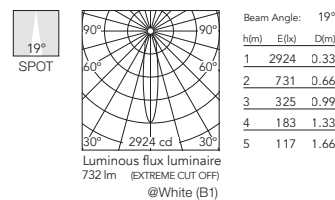
**Optic Spot 2700K**

- 03.4539.B1
- 03.4539.GL
- 03.4539.74
- 03.4539.EQ



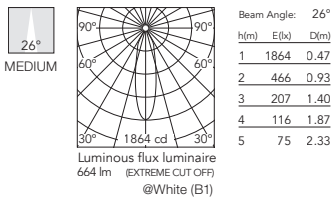
**Optic Spot 3000K**

- 03.4538.B1
- 03.4538.GL
- 03.4538.74
- 03.4538.EQ



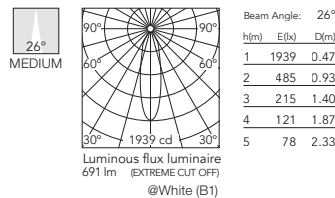
**Optic Medium 2700K**

- 03.4185.B1
- 03.4185.GL
- 03.4185.74
- 03.4185.EQ



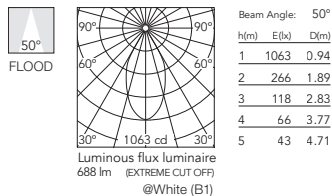
**Optic Medium 3000K**

- 03.4184.B1
- 03.4184.GL
- 03.4184.74
- 03.4184.EQ



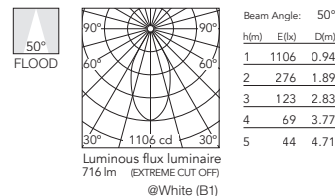
**Optic Flood 2700K**

- 03.4541.B1
- 03.4541.GL
- 03.4541.74
- 03.4541.EQ



**Optic Flood 3000K**

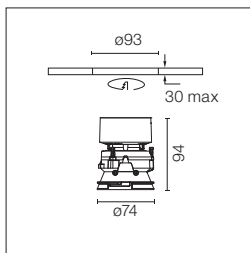
- 03.4540.B1
- 03.4540.GL
- 03.4540.74
- 03.4540.EQ





**Kap Ø80 Plus - Adjustable**

Light Source: Kap Ø80 Plus: LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



IP 54  
 CE  
 GWT 850°  
 LED INCL  
 0,24 Kg  
 III

Incasso a LED. Fonte di alimentazione esclusa. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Diffusing lens included. Pre-installation frame. To be ordered separately.

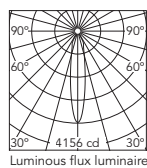
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 05.7459.B1
- 05.7459.GL
- 05.7459.74
- 05.7459.EQ



Beam Angle: 19°

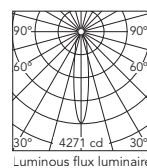
h(m)	E(lx)	D(m)
1	4156	0.33
2	1039	0.66
3	462	0.99
4	260	1.33
5	166	1.66

Luminous flux luminaire 4156 cd  
1040 lm [EXTREME CUT OFF]

@White (B1)

**Optic Spot 3000K**

- 05.7458.B1
- 05.7458.GL
- 05.7458.74
- 05.7458.EQ



Beam Angle: 19°

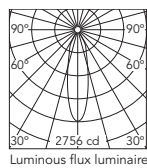
h(m)	E(lx)	D(m)
1	4271	0.33
2	1068	0.66
3	475	0.99
4	267	1.33
5	171	1.66

Luminous flux luminaire 4271 cd  
1069 lm [EXTREME CUT OFF]

@White (B1)

**Optic Medium 2700K**

- 05.7415.B1
- 05.7415.GL
- 05.7415.74
- 05.7415.EQ



Beam Angle: 26°

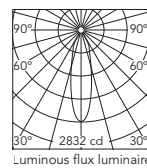
h(m)	E(lx)	D(m)
1	2756	0.47
2	689	0.93
3	306	1.40
4	172	1.87
5	110	2.33

Luminous flux luminaire 2756 cd  
982 lm [EXTREME CUT OFF]

@White (B1)

**Optic Medium 3000K**

- 05.7414.B1
- 05.7414.GL
- 05.7414.74
- 05.7414.EQ



Beam Angle: 26°

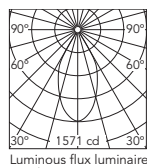
h(m)	E(lx)	D(m)
1	2832	0.47
2	708	0.93
3	315	1.40
4	177	1.87
5	113	2.33

Luminous flux luminaire 2832 cd  
1009 lm [EXTREME CUT OFF]

@White (B1)

**Optic Flood 2700K**

- 05.7461.B1
- 05.7461.GL
- 05.7461.74
- 05.7461.EQ



Beam Angle: 50°

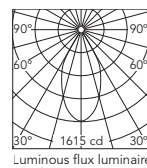
h(m)	E(lx)	D(m)
1	1571	0.94
2	393	1.89
3	175	2.83
4	98	3.77
5	63	4.71

Luminous flux luminaire 1571 cd  
1017 lm [EXTREME CUT OFF]

@White (B1)

**Optic Flood 3000K**

- 05.7460.B1
- 05.7460.GL
- 05.7460.74
- 05.7460.EQ



Beam Angle: 50°

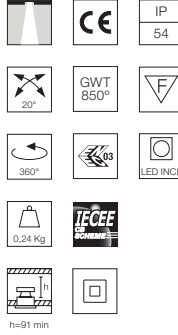
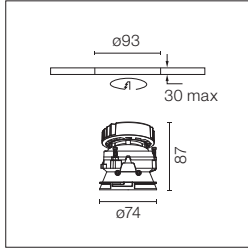
h(m)	E(lx)	D(m)
1	1615	0.94
2	404	1.89
3	179	2.83
4	101	3.77
5	65	4.71

Luminous flux luminaire 1615 cd  
1045 lm [EXTREME CUT OFF]

@White (B1)

## Kap Ø80 Adjustable - Dim To Warm

**Light Source:** LED Array DC 300mA - 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm

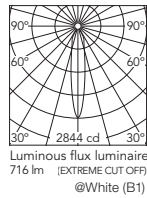


Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa.  
Per versioni con apparecchi a 110V, contattare il Front office.  
Lente diffusore incluso.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included.  
For 110V PSU versions, please consult with the front office.  
Diffusing lens included.  
Pre-installation frame. To be ordered separately.

### Optic Spot 1800K-2850K

- 03.4538.B1.LE
- 03.4538.GL.LE
- 03.4538.74.LE
- 03.4538.EQ.LE

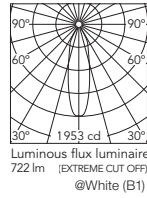


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2844	0.31
2	711	0.63
3	316	0.94
4	178	1.25
5	114	1.56

### Optic Medium 1800K-2850K

- 03.4184.B1.LE
- 03.4184.GL.LE
- 03.4184.74.LE
- 03.4184.EQ.LE

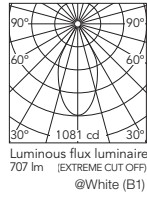


Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1953	0.48
2	488	0.97
3	217	1.45
4	122	1.94
5	78	2.42

### Optic Flood 1800K-2850K

- 03.4540.B1.LE
- 03.4540.GL.LE
- 03.4540.74.LE
- 03.4540.EQ.LE

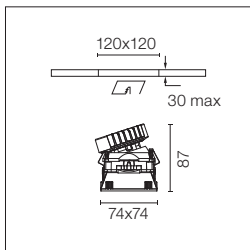


Beam Angle: 51°

h(m)	E(lx)	D(m)
1	1081	0.94
2	270	1.89
3	120	2.83
4	68	3.78
5	43	4.72

**Kap 80 Square - Adjustable**

**Light Source: Kap 80:** LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



IP 54  
 CE  
 GWT 850°  
 20°  
 360°  
 LED INCL  
 TECEE  
 0,24 Kg  
 h=91 mm  
 III

Incasso a LED. Fonte di alimentazione esclusa. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Diffusing lens included. Pre-installation frame. To be ordered separately.

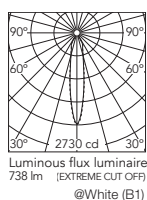
Alimentazioni raccomandate / Recommended power supply\*:

- Non Dimmable 60.9768
- Dimmable 0/1-10V RF27961
- Dimmable Dali 2 60.9826
- Mains Dimming 60.9411
- Casambi 60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 03.4543.B1
- 03.4543.GL
- 03.4543.74
- 03.4543.EQ



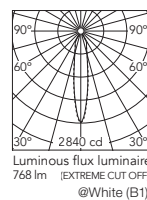
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2730	0.31
2	682	0.62
3	303	0.93
4	171	1.24
5	109	1.55

Luminous flux luminaire 738 lm [EXTREME CUT OFF] @White (B1)

**Optic Spot 3000K**

- 03.4542.B1
- 03.4542.GL
- 03.4542.74
- 03.4542.EQ



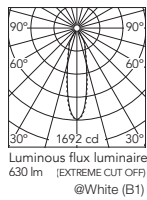
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2840	0.31
2	710	0.62
3	316	0.93
4	177	1.24
5	114	1.55

Luminous flux luminaire 768 lm [EXTREME CUT OFF] @White (B1)

**Optic Medium 2700K**

- 03.4187.B1
- 03.4187.GL
- 03.4187.74
- 03.4187.EQ



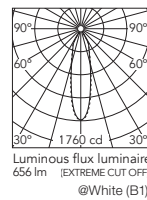
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1692	0.44
2	423	0.88
3	188	1.32
4	106	1.76
5	68	2.20

Luminous flux luminaire 630 lm [EXTREME CUT OFF] @White (B1)

**Optic Medium 3000K**

- 03.4186.B1
- 03.4186.GL
- 03.4186.74
- 03.4186.EQ



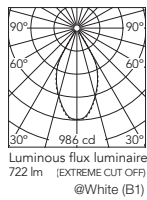
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1760	0.44
2	440	0.88
3	196	1.32
4	110	1.76
5	70	2.20

Luminous flux luminaire 656 lm [EXTREME CUT OFF] @White (B1)

**Optic Flood 2700K**

- 03.4545.B1
- 03.4545.GL
- 03.4545.74
- 03.4545.EQ



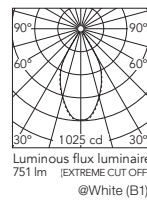
Beam Angle: 53°

h(m)	E(lx)	D(m)
1	986	0.99
2	246	1.98
3	110	2.98
4	62	3.97
5	39	4.96

Luminous flux luminaire 722 lm [EXTREME CUT OFF] @White (B1)

**Optic Flood 3000K**

- 03.4544.B1
- 03.4544.GL
- 03.4544.74
- 03.4544.EQ



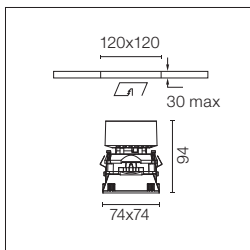
Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1025	0.99
2	256	1.98
3	114	2.98
4	64	3.97
5	41	4.96

Luminous flux luminaire 751 lm [EXTREME CUT OFF] @White (B1)

**Kap 80 Plus Square - Adjustable**

Light Source: **Kap 80 Plus:** LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



		IP 54
		CE
		GWT 850°
		LED INCL

Incasso a LED. Fonte di alimentazione esclusa. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Diffusing lens included. Pre-installation frame. To be ordered separately.

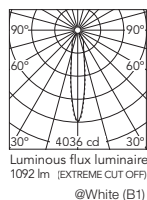
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 05.7463.B1
- 05.7463.GL
- 05.7463.74
- 05.7463.EQ



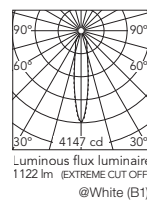
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	4036	0.31
2	1009	0.62
3	448	0.93
4	252	1.24
5	161	1.55

Luminous flux luminaire  
1092 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Spot 3000K**

- 05.7462.B1
- 05.7462.GL
- 05.7462.74
- 05.7462.EQ



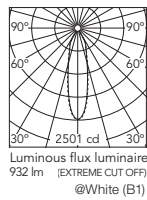
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	4147	0.31
2	1037	0.62
3	461	0.93
4	259	1.24
5	166	1.55

Luminous flux luminaire  
1122 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Medium 2700K**

- 05.7417.B1
- 05.7417.GL
- 05.7417.74
- 05.7417.EQ



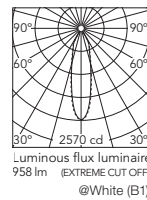
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2501	0.44
2	625	0.88
3	278	1.32
4	156	1.76
5	100	2.20

Luminous flux luminaire  
932 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Medium 3000K**

- 05.7416.B1
- 05.7416.GL
- 05.7416.74
- 05.7416.EQ



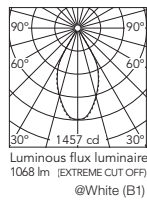
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2570	0.44
2	643	0.88
3	286	1.32
4	161	1.76
5	103	2.20

Luminous flux luminaire  
958 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Flood 2700K**

- 05.7465.B1
- 05.7465.GL
- 05.7465.74
- 05.7465.EQ



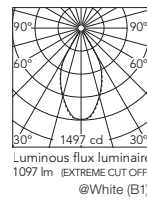
Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1457	0.99
2	364	1.98
3	162	2.98
4	91	3.97
5	58	4.96

Luminous flux luminaire  
1068 lm (EXTREME CUT OFF)  
@White (B1)

**Optic Flood 3000K**

- 05.7464.B1
- 05.7464.GL
- 05.7464.74
- 05.7464.EQ



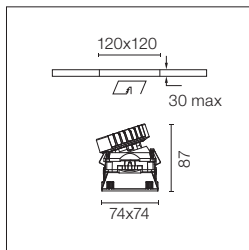
Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1497	0.99
2	374	1.98
3	166	2.98
4	94	3.97
5	60	4.96

Luminous flux luminaire  
1097 lm (EXTREME CUT OFF)  
@White (B1)

**Kap 80 Square Adjustable - Dim To Warm**

**Light Source:** LED Array DC 300mA - 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm



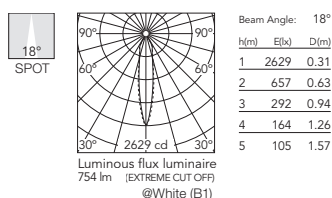

h=93 min

Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Diffusing lens included. Pre-installation frame. To be ordered separately.

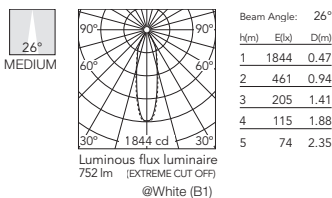
**Optic Spot  
1800K-2850K**

- 03.4542.B1.LE
- 03.4542.GL.LE
- 03.4542.74.LE
- 03.4542.EQ.LE



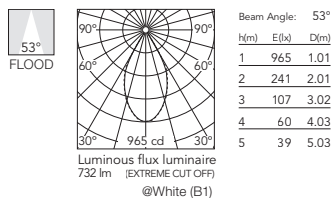
**Optic Medium  
1800K-2850K**

- 03.4186.B1.LE
- 03.4186.GL.LE
- 03.4186.74.LE
- 03.4186.EQ.LE



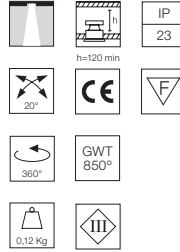
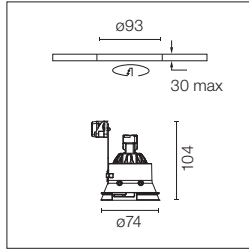
**Optic Flood  
1800K-2850K**

- 03.4544.B1.LE
- 03.4544.GL.LE
- 03.4544.74.LE
- 03.4544.EQ.LE



**Kap Ø80 Adjustable**

Light Source: LED QR-CBC 51 GX5.3



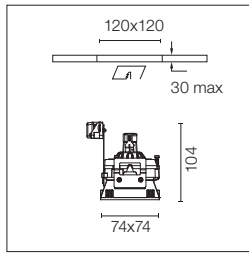
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4236.B1
- 03.4236.GL
- 03.4236.74
- 03.4236.EQ

**Kap 80 Square Adjustable**

Light Source: LED QR-CBC 51 GX5.3



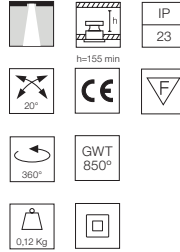
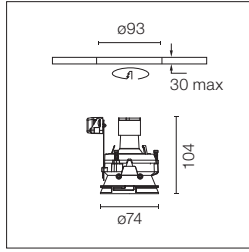
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4234.B1
- 03.4234.GL
- 03.4234.74
- 03.4234.EQ

**Kap Ø80 Adjustable**

Light Source: LED PAR 16 GZ10



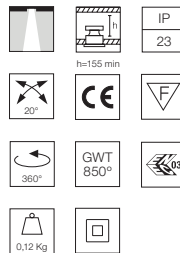
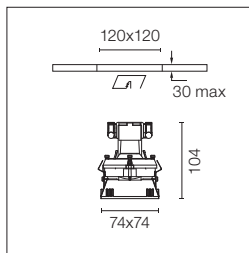
Incasso con alimentazione in tensione di rete.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with main voltage source.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4237.B1
- 03.4237.GL
- 03.4237.74
- 03.4237.EQ

**Kap 80 Square Adjustable**

Light Source: LED PAR 16 GZ10



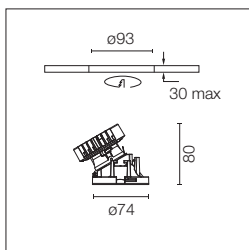
Incasso con alimentazione in tensione di rete.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with main voltage source.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4235.B1
- 03.4235.GL
- 03.4235.74
- 03.4235.EQ

**Kap Ø80 - Wall-Washer**

**Light Source: Kap Ø80:** LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Incasso a LED. Fonte di alimentazione esclusa. Lente ellittica inclusa. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Elliptical lens included. Pre-installation frame. To be ordered separately.

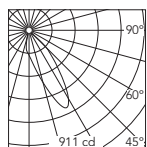
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K**

- 03.4189.B1
- 03.4189.GL
- 03.4189.74
- 03.4189.EQ



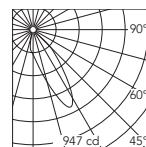
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	911	0.62
2	228	1.24
3	101	1.87
4	57	2.49
5	36	3.11

Luminous flux luminaire  
598 lm (EXTREME CUT OFF)  
@White (B1)

**3000K**

- 03.4188.B1
- 03.4188.GL
- 03.4188.74
- 03.4188.EQ



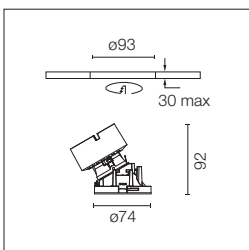
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	947	0.62
2	237	1.24
3	105	1.87
4	59	2.49
5	38	3.11

Luminous flux luminaire  
622 lm (EXTREME CUT OFF)  
@White (B1)

**Kap Ø80 Plus - Wall-Washer**

**Light Source: Kap Ø80 Plus:** LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



Incasso a LED. Fonte di alimentazione esclusa. Lente ellittica inclusa. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Elliptical lens included. Pre-installation frame. To be ordered separately.

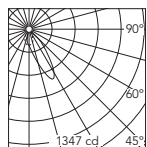
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K**

- 05.7421.B1
- 05.7421.GL
- 05.7421.74
- 05.7421.EQ



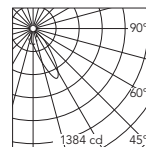
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1347	0.62
2	337	1.24
3	150	1.87
4	84	2.49
5	54	3.11

Luminous flux luminaire  
884 lm (EXTREME CUT OFF)  
@White (B1)

**3000K**

- 05.7420.B1
- 05.7420.GL
- 05.7420.74
- 05.7420.EQ



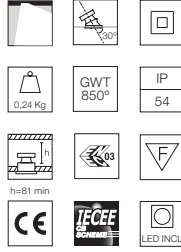
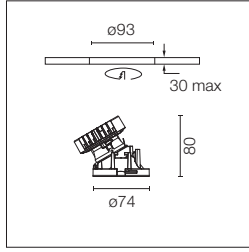
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1384	0.62
2	346	1.24
3	154	1.87
4	86	2.49
5	55	3.11

Luminous flux luminaire  
908 lm (EXTREME CUT OFF)  
@White (B1)

**Kap Ø80 Wall-Washer - Dim To Warm**

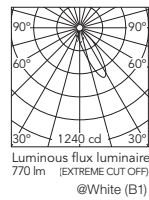
**Light Source:** LED Array DC 300mA - 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm



Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Diffusing lens included. Pre-installation frame. To be ordered separately.

- 1800K-2850K**
- 03.4188.B1.LE
  - 03.4188.GL.LE
  - 03.4188.74.LE
  - 03.4188.EQ.LE



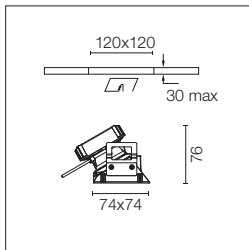
Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1240	0.64
2	310	1.29
3	138	1.93
4	78	2.58
5	50	3.22



**Kap 80 - Square Wall-Washer**

**Light Source: Kap 80:** LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Lente ellittica inclusa. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Elliptical lens included. Pre-installation frame. To be ordered separately.

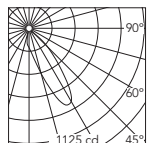
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K**

- 03.4191.B1
- 03.4191.GL
- 03.4191.74
- 03.4191.EQ



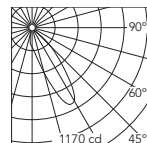
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1125	0.62
2	281	1.24
3	125	1.85
4	70	2.47
5	45	3.09

Luminous flux luminaire 625 lm (EXTREME CUT OFF) @White (B1)

**3000K**

- 03.4190.B1
- 03.4190.GL
- 03.4190.74
- 03.4190.EQ



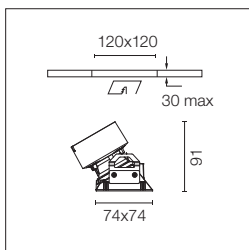
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1170	0.62
2	292	1.24
3	130	1.85
4	73	2.47
5	47	3.09

Luminous flux luminaire 650 lm (EXTREME CUT OFF) @White (B1)

**Kap 80 Plus - Square Wall-Washer**

**Light Source: Kap 80 Plus:** LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Lente ellittica inclusa. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Power supply not included. Elliptical lens included. Pre-installation frame. To be ordered separately.

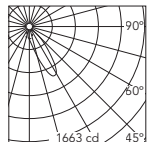
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K**

- 05.7423.B1
- 05.7423.GL
- 05.7423.74
- 05.7423.EQ



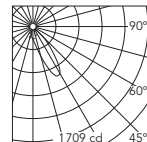
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1663	0.62
2	416	1.24
3	185	1.85
4	104	2.47
5	67	3.09

Luminous flux luminaire 924 lm (EXTREME CUT OFF) @White (B1)

**3000K**

- 05.7422.B1
- 05.7422.GL
- 05.7422.74
- 05.7422.EQ



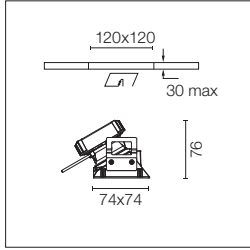
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1709	0.62
2	427	1.24
3	190	1.85
4	107	2.47
5	68	3.09

Luminous flux luminaire 950 lm (EXTREME CUT OFF) @White (B1)

**Kap 80 Square Wall-Washer - Dim To Warm**

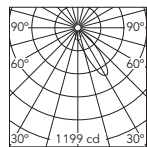
**Light Source:** LED Array DC 300mA - 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm




Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Diffusing lens included. Pre-installation frame. To be ordered separately.

- 1800K-2850K**
- 03.4190.B1.LE
  - 03.4190.GL.LE
  - 03.4190.74.LE
  - 03.4190.EQ.LE



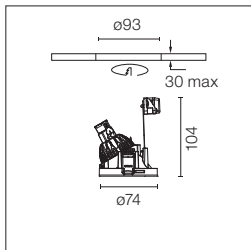
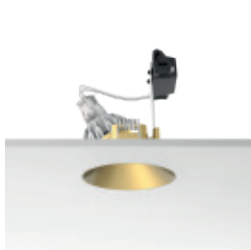
Beam Angle: 28°

h(m)	El(x)	D(m)
1	1199	0.68
2	300	1.37
3	133	2.05
4	75	2.74
5	48	3.42

Luminous flux luminaire  
723 lm (EXTREME CUT OFF)  
@White (B1)

### Kap Ø80 Wall-Washer

Light Source: LED QR-CBC 51 GX5.3



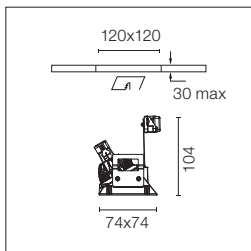

Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4244.B1
- 03.4244.GL
- 03.4244.74
- 03.4244.EQ

### Kap 80 Square Wall-Washer

Light Source: LED QR-CBC 51 GX5.3



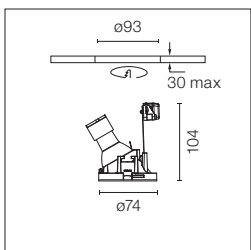

Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4242.B1
- 03.4242.GL
- 03.4242.74
- 03.4242.EQ

### Kap Ø80 Wall-Washer

Light Source: LED PAR 16 GZ10



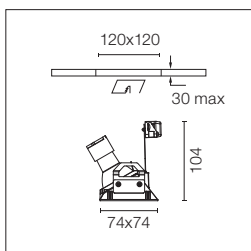

Incasso con alimentazione in tensione di rete.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with main voltage source.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4245.B1
- 03.4245.GL
- 03.4245.74
- 03.4245.EQ

### Kap 80 Square Wall-Washer

Light Source: LED PAR 16 GZ10



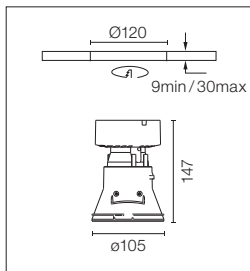

Incasso con alimentazione in tensione di rete.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with main voltage source.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered separately.

- 03.4243.B1
- 03.4243.GL
- 03.4243.74
- 03.4243.EQ

**Kap Ø105 Fixed**

**Light Source:** LED Array DC 650 mA - 23W - 2690 lm - 2700K/CRI 90 / 23W - 2870 lm - 3000K/CRI 90



GWT 850°  
 LED INCL  
 0,48 Kg  
 III  
 IP 54  
 CE  
 F  
 h=150 min

Incasso a LED. Trasformatore remoto non incluso. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Remote transformer not included. Diffusing lens included. Pre-installation frame. To be ordered separately.

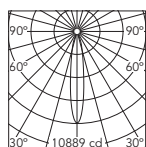
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9439
Dimmable Dali 2	RF30699
Casambi	60.9207
Mains Dimming	60.9692

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 05.7100.B1
- 05.7100.GL
- 05.7100.74
- 05.7100.EQ



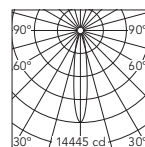
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	10889	0.30
2	2722	0.59
3	1210	0.89
4	681	1.18
5	436	1.48

Luminous flux luminaire 1715 lm (EXTREME CUT OFF) @White (B1)

**Optic Spot 3000K**

- 05.7105.B1
- 05.7105.GL
- 05.7105.74
- 05.7105.EQ



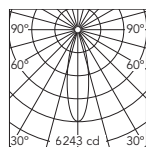
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	14445	0.30
2	3611	0.59
3	1605	0.89
4	903	1.18
5	578	1.48

Luminous flux luminaire 2275 lm (EXTREME CUT OFF) @White (B1)

**Optic Medium 2700K**

- 05.7101.B1
- 05.7101.GL
- 05.7101.74
- 05.7101.EQ



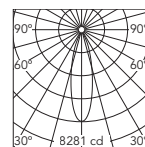
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	6243	0.48
2	1561	0.97
3	694	1.45
4	390	1.93
5	250	2.41

Luminous flux luminaire 1675 lm (EXTREME CUT OFF) @White (B1)

**Optic Medium 3000K**

- 05.7106.B1
- 05.7106.GL
- 05.7106.74
- 05.7106.EQ



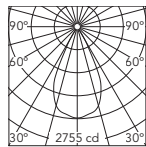
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	8281	0.48
2	2070	0.97
3	920	1.45
4	518	1.93
5	331	2.41

Luminous flux luminaire 2222 lm (EXTREME CUT OFF) @White (B1)

**Optic Flood 2700K**

- 05.7102.B1
- 05.7102.GL
- 05.7102.74
- 05.7102.EQ



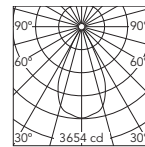
Beam Angle: 51°

h(m)	E(lx)	D(m)
1	2755	0.96
2	689	1.91
3	306	2.87
4	172	3.82
5	110	4.78

Luminous flux luminaire 1815 lm (EXTREME CUT OFF) @White (B1)

**Optic Flood 3000K**

- 05.7107.B1
- 05.7107.GL
- 05.7107.74
- 05.7107.EQ



Beam Angle: 51°

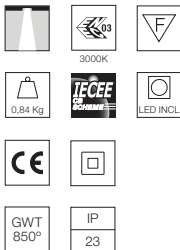
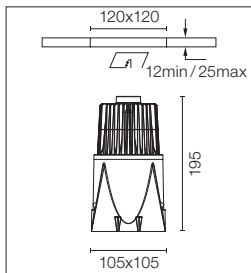
h(m)	E(lx)	D(m)
1	3654	0.96
2	914	1.91
3	406	2.87
4	228	3.82
5	146	4.78

Luminous flux luminaire 2407 lm (EXTREME CUT OFF) @White (B1)

# KAP

## Kap 105 Square

Light Source: Phosphor LED 17W - 1400 lm - 2700K/CRI 98 / 17W - 1400 lm - 3000K/CRI 98



Incasso a LED. Trasformatore elettronico remoto 220/240V incluso.  
Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Remote electronic transformer 220/240V included.  
Pre-installation frame. To be ordered separately.

### 2700K

Non Dimmable

- 03.4595.B1C  
Dali Version
- 03.4595.B1CDA  
1-10V
- 03.4595.B1C1V

Non Dimmable

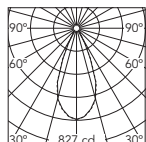
- 03.4595.GLC  
Dali Version
- 03.4595.GLCDA  
1-10V
- 03.4595.GLC1V

Non Dimmable

- 03.4595.74C  
Dali Version
- 03.4595.74CDA  
1-10V
- 03.4595.74C1V

Non Dimmable

- 03.4595.EQC  
Dali Version
- 03.4595.EQCDA  
1-10V
- 03.4595.EQC1V



Luminous flux luminaire  
592 lm @EXTREME CUT OFF  
@White (B1)

Beam Angle: 45°

h(m)	E(lx)	D(m)
1	827	0.82
2	207	1.64
3	92	2.46
4	52	3.28
5	33	4.11

### 3000K

Non Dimmable

- 03.4570.B1C  
Dali Version
- 03.4570.B1CDA  
1-10V
- 03.4570.B1C1V

Non Dimmable

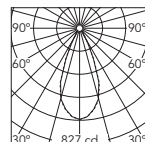
- 03.4570.GLC  
Dali Version
- 03.4570.GLCDA  
1-10V
- 03.4570.GLC1V

Non Dimmable

- 03.4570.74C  
Dali Version
- 03.4570.74CDA  
1-10V
- 03.4570.74C1V

Non Dimmable

- 03.4570.EQC  
Dali Version
- 03.4570.EQCDA  
1-10V
- 03.4570.EQC1V



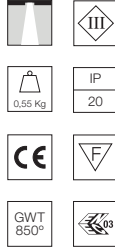
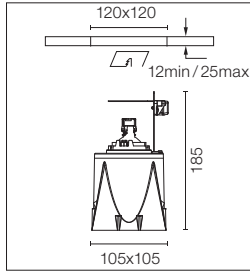
Luminous flux luminaire  
592 lm @EXTREME CUT OFF  
@White (B1)

Beam Angle: 45°

h(m)	E(lx)	D(m)
1	827	0.82
2	207	1.64
3	92	2.46
4	52	3.28
5	33	4.11





**Kap 105 Square**

Light Source: LED QR-CBC 51 GX5.3



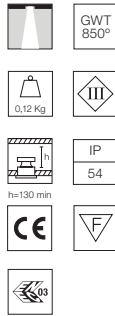
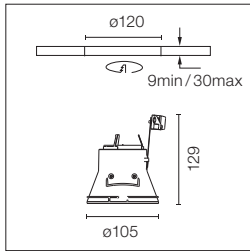
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da  
ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered  
separately.

-  03.4572.B1
-  03.4572.GL
-  03.4572.74
-  03.4572.EQ





**Kap Ø105 Fixed**

Light Source: LED QR-CBC 51 GX5.3



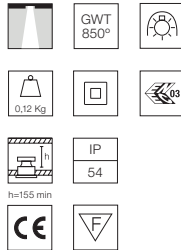
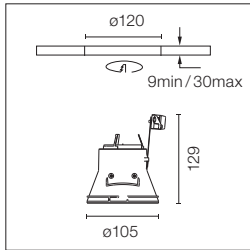
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da  
ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered  
separately.

-  05.7130.B1
-  05.7130.GL
-  05.7130.74
-  05.7130.EQ





**Kap Ø105 Fixed**

Light Source: LED PAR 16 GZ10



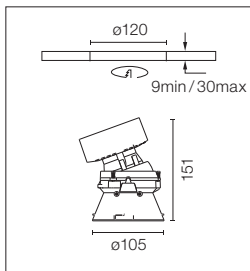
Incasso con alimentazione in  
tensione di rete.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da  
ordinare separatamente.

Recessed luminaire with main  
voltage source.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered  
separately.

-  05.7131.B1
-  05.7131.GL
-  05.7131.74
-  05.7131.EQ

**Kap Ø105 Adjustable**

**Light Source:** LED Array DC 650 mA - 23W - 2690 lm - 2700K/CRI 90 / 23W - 2870 lm - 3000K/CRI 90



		IP 54
		GWT 850°
		LED INCL
		III
		0.03

Incasso a LED. Trasformatore remoto non incluso. Lente diffusore incluso. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Remote transformer not included. Diffusing lens included. Pre-installation frame. To be ordered separately.

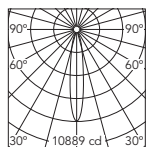
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9439
Dimmable Dali 2	RF30699
Casambi	60.9207
Mains Dimming	60.9692

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 05.7110.B1
- 05.7110.GL
- 05.7110.74
- 05.7110.EQ



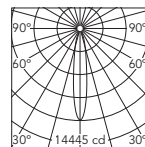
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	10889	0.30
2	2722	0.59
3	1210	0.89
4	681	1.18
5	436	1.48

Luminous flux luminaire 1715 lm (EXTREME CUT OFF) @White (B1)

**Optic Spot 3000K**

- 05.7115.B1
- 05.7115.GL
- 05.7115.74
- 05.7115.EQ



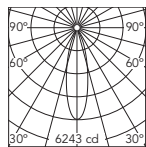
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	14445	0.30
2	3611	0.59
3	1605	0.89
4	903	1.18
5	578	1.48

Luminous flux luminaire 2275 lm (EXTREME CUT OFF) @White (B1)

**Optic Medium 2700K**

- 05.7111.B1
- 05.7111.GL
- 05.7111.74
- 05.7111.EQ



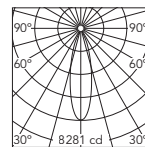
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	6243	0.48
2	1561	0.97
3	694	1.45
4	390	1.93
5	250	2.41

Luminous flux luminaire 1675 lm (EXTREME CUT OFF) @White (B1)

**Optic Medium 3000K**

- 05.7116.B1
- 05.7116.GL
- 05.7116.74
- 05.7116.EQ



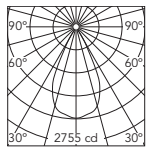
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	8281	0.48
2	2070	0.97
3	920	1.45
4	518	1.93
5	331	2.41

Luminous flux luminaire 2222 lm (EXTREME CUT OFF) @White (B1)

**Optic Flood 2700K**

- 05.7112.B1
- 05.7112.GL
- 05.7112.74
- 05.7112.EQ



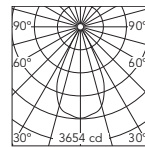
Beam Angle: 51°

h(m)	E(lx)	D(m)
1	2755	0.96
2	689	1.91
3	306	2.87
4	172	3.82
5	110	4.78

Luminous flux luminaire 1815 lm (EXTREME CUT OFF) @White (B1)

**Optic Flood 3000K**

- 05.7117.B1
- 05.7117.GL
- 05.7117.74
- 05.7117.EQ



Beam Angle: 51°

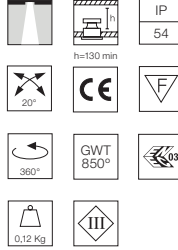
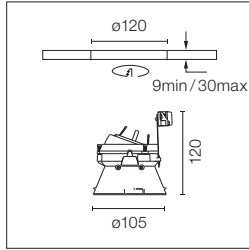
h(m)	E(lx)	D(m)
1	3654	0.96
2	914	1.91
3	406	2.87
4	228	3.82
5	146	4.78

Luminous flux luminaire 2407 lm (EXTREME CUT OFF) @White (B1)

# KAP

## Kap Ø105 Adjustable

Light Source: LED QR-CBC 51 GX5.3



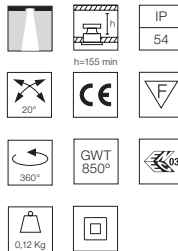
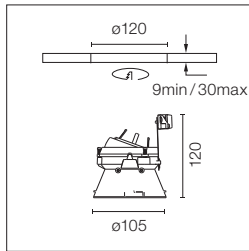
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da  
ordinare separatamente.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered  
separately.

05.7135.B1  
 05.7135.GL  
 05.7135.74  
 05.7135.EQ

## Kap Ø105 Adjustable

Light Source: LED PAR 16 GZ10



Incasso con alimentazione in  
tensione di rete.  
Accessori per lenti non disponibili.  
Cornice di pre-installazione da  
ordinare separatamente.

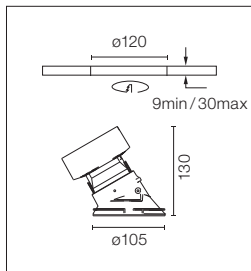
Recessed luminaire with main  
voltage source.  
Not suitable for lens accessories.  
Pre-installation frame. To be ordered  
separately.

05.7136.B1  
 05.7136.GL  
 05.7136.74  
 05.7136.EQ



**Kap Ø105 Wall-Washer**

**Light Source:** LED Array DC 650 mA - 23W - 2690 lm - 2700K/CRI 90 / 23W - 2870 lm - 3000K/CRI 90



GWT 850°  
 LED INCL  
 0,48 Kg  
 III  
 IP 54  
 h=134 min  
 CE  
 F

Incasso a LED. Trasformatore elettronico remoto 220/240V non incluso.  
 Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Remote electronic transformer 220/240V not included.  
 Pre-installation frame. To be ordered separately.

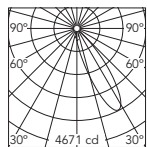
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9439
Dimmable Dali 2	RF30699
Casambi	60.9207
Mains Dimming	60.9692

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K**

- 05.7120.B1
- 05.7120.GL
- 05.7120.74
- 05.7120.EQ

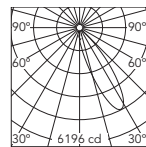


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	4671	0.58
2	1168	1.15
3	519	1.73
4	292	2.31
5	187	2.89

**3000K**

- 05.7121.B1
- 05.7121.GL
- 05.7121.74
- 05.7121.EQ

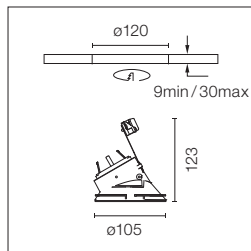


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	6196	0.58
2	1549	1.15
3	688	1.73
4	387	2.31
5	248	2.89

**Kap Ø105 Wall-Washer**

**Light Source:** LED QR-CBC 51 GX5.3



GWT 850°  
 0,12 Kg  
 III  
 IP 54  
 h=130 min  
 CE  
 F  
 03

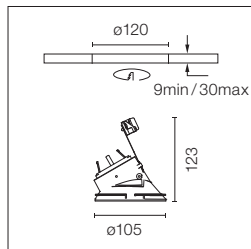
Incasso per lampada LED di 12V. Trasformatore remoto non incluso. Accessori per lenti non disponibili. Cornice di pre-installazione da ordinare separatamente.

Recessed 12V LED lamp luminaire. Remote transformer not included. Not suitable for lens accessories. Pre-installation frame. To be ordered separately.

- 05.7140.B1
- 05.7140.GL
- 05.7140.74
- 05.7140.EQ

**Kap Ø105 Wall-Washer**

**Light Source:** LED PAR 16 GX5.3



GWT 850°  
 0,12 Kg  
 III  
 IP 54  
 h=155 min  
 CE  
 F  
 03

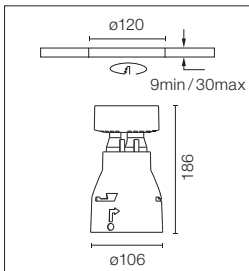
Incasso con alimentazione in tensione di rete. Accessori per lenti non disponibili. Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with main voltage source. Not suitable for lens accessories. Pre-installation frame. To be ordered separately.

- 05.7141.B1
- 05.7141.GL
- 05.7141.74
- 05.7141.EQ

**Kap Ø105 Deep**

**Light Source:** LED Array DC 650 mA - 23W - 2690 lm - 2700K/CRI 90 / 23W - 2870 lm - 3000K/CRI 90



GWT 850°  
 LED INCL.  
 0,48 Kg  
 III  
 IP 54  
 CE  
 F  
 h=190 min

Incasso a LED. Trasformatore elettronico remoto 220/240V non incluso.  
 Cornice di pre-installazione da ordinare separatamente.

Recessed luminaire with LED light source. Remote electronic transformer 220/240V not included.  
 Pre-installation frame. To be ordered separately.

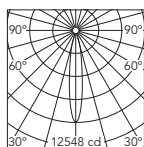
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9439
Dimmable Dalí 2	RF30699
Casambi	60.9207
Mains Dimming	60.9692

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Optic Spot 2700K**

- 05.7150.B1
- 05.7150.GL
- 05.7150.74
- 05.7150.EQ



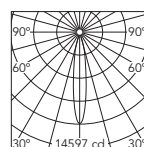
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	12548	0.29
2	3137	0.57
3	1394	0.86
4	784	1.14
5	502	1.43

Luminous flux luminaire 1602 lm (EXTREME CUT OFF)  
 @White (B1)

**Optic Spot 3000K**

- 05.7155.B1
- 05.7155.GL
- 05.7155.74
- 05.7155.EQ



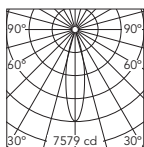
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	14597	0.28
2	3649	0.56
3	1622	0.84
4	912	1.13
5	584	1.41

Luminous flux luminaire 1836 lm (EXTREME CUT OFF)  
 @White (B1)

**Optic Medium 2700K**

- 05.7151.B1
- 05.7151.GL
- 05.7151.74
- 05.7151.EQ



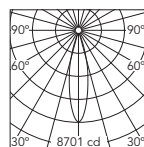
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	7579	0.42
2	1895	0.84
3	842	1.26
4	474	1.69
5	303	2.11

Luminous flux luminaire 1537 lm (EXTREME CUT OFF)  
 @White (B1)

**Optic Medium 3000K**

- 05.7156.B1
- 05.7156.GL
- 05.7156.74
- 05.7156.EQ



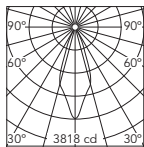
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	8701	0.42
2	2175	0.84
3	967	1.26
4	544	1.68
5	348	2.10

Luminous flux luminaire 1759 lm (EXTREME CUT OFF)  
 @White (B1)

**Optic Flood 2700K**

- 05.7152.B1
- 05.7152.GL
- 05.7152.74
- 05.7152.EQ



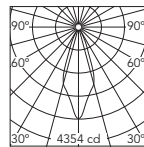
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	3818	0.68
2	954	1.36
3	424	2.03
4	239	2.71
5	153	3.39

Luminous flux luminaire 1581 lm (EXTREME CUT OFF)  
 @White (B1)

**Optic Flood 3000K**

- 05.7157.B1
- 05.7157.GL
- 05.7157.74
- 05.7157.EQ







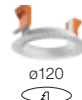
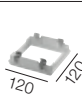
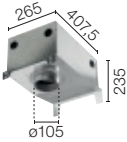
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	4354	0.68
2	1089	1.35
3	484	2.03
4	272	2.71
5	174	3.38

Luminous flux luminaire 1795 lm (EXTREME CUT OFF)  
 @White (B1)

# KAP

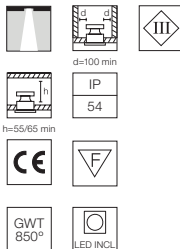
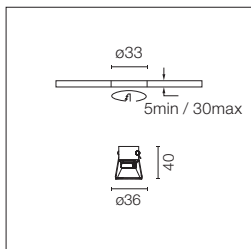
## Accessori / Accessories

Cornice di installazione No Trim. Kap ø50.	Installation frame No Trim. Kap ø50.	 <p>Max. ø123 ø93</p>	<input type="checkbox"/> Kap ø50 Round 08.9114.00
Cornice di installazione No Trim. Kap ø80/ø80 Plus.	Installation frame No Trim. Kap ø80/ø80 Plus.	 <p>Max. ø123 ø93</p>	<input type="checkbox"/> Kap ø80 Round 08.9102.00
Cornice di installazione No Trim. Kap 80 Square/80 Plus Square.	Installation frame No Trim. Kap 80 Square/80 Plus Square.	 <p>Max. ø150 ø120</p>	<input type="checkbox"/> Kap 80 Square 08.9103.00
Cornice di installazione No Trim. Kap ø105 Deep.	Installation frame No Trim. Kap ø105 Deep.	 <p>Max. ø150 ø120</p>	<input type="checkbox"/> Kap ø105 Deep 08.9104.00
Cornice di installazione No Trim. Kap ø105.	Installation frame No Trim. Kap ø105.	 <p>ø120</p>	<input type="checkbox"/> Kap ø105 08.0132.00
Cornice di installazione No Trim. Kap 105 Square.	Installation frame No Trim. Kap 105 Square.	 <p>120</p>	<input type="checkbox"/> Kap 105 Square 08.8479.00
Can di installazione per cemento. Kap ø105 Deep.	Installation can for concrete. Kap ø105 Deep.	 <p>265 407.5 235 ø105</p>	<input type="checkbox"/> Kap ø105 Deep 08.8420.00

# EASY KAP

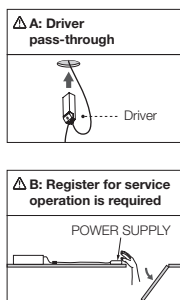
## Easy Kap Ø30 Fixed

**Light Source:** Power LED DC 900 mA - 3W - 222 lm - 2700K/CRI 95 / 3W - 229 lm - 3000K/CRI 95  
 Driver pass-through. Power LED DC 700 mA - 3,2W - 174 lm - 2700K/CRI 95 / 3,2W - 199 lm - 3000K/CRI 95



Incasto a LED. Fonte di alimentazione esclusa.  
 Cornice di installazione non necessaria.

Recessed luminaire with LED light source. Power supply not included.  
 Installation frame not necessary.



Alimentazioni raccomandate / Recommended power supply\*:

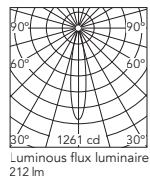
		Serial Con.	△
Non Dimmable 220-240V 700mA	60.9988	1	A
Non Dimmable 220-240V 900mA	60.9958	1 - 11	B
Dali 2 220-240V 900mA	60.9602	1 - 5	B
Dali 2 220-240V 900mA	60.9953	3 - 11	B
1-10V 220-240V 900mA	60.9414	1 - 5	B
1-10V 110-127 / 220-240 900mA	60.9208	2 - 5	B
Casambi 220-240V 900mA	06.1974.00	1 - 5	B
Mains Dimming 220-240V 900mA	60.9467	2 - 7	B
Mains Dimming 220-240V 900mA	60.9692	4 - 9	B

\* Vedi capitolo Drivers / Refer to the Drivers chapter  
 \*\* Altezza minima di incasso 65 mm solo per soffitti con spessore 30 mm /  
 Minimum embedding height 65mm only for 30mm ceiling thickness

### Optic Spot 2700K

Set of 1 spot

- 05.7600.B1
- 05.7600.GL
- 05.7600.74
- 05.7600.EQ



Beam Angle: 19°	h(m)	E(lx)	D(m)
1	1.261	0.34	
2	315	0.67	
3	140	1.01	
4	79	1.34	
5	50	1.68	

Luminous flux luminaire 212 lm  
 @White (B1)

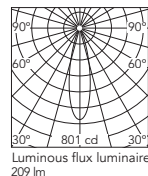
Set of 4 spots

- 05.7620.B1
- 05.7620.GL
- 05.7620.74
- 05.7620.EQ

### Optic Medium 2700K

Set of 1 spot

- 05.7601.B1
- 05.7601.GL
- 05.7601.74
- 05.7601.EQ



Beam Angle: 26°	h(m)	E(lx)	D(m)
1	801	0.47	
2	200	0.93	
3	89	1.40	
4	50	1.86	
5	32	2.33	

Luminous flux luminaire 209 lm  
 @White (B1)

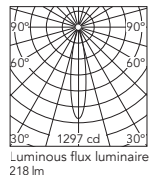
Set of 4 spots

- 05.7621.B1
- 05.7621.GL
- 05.7621.74
- 05.7621.EQ

### 3000K

Set of 1 spot

- 05.7605.B1
- 05.7605.GL
- 05.7605.74
- 05.7605.EQ



Beam Angle: 19°	h(m)	E(lx)	D(m)
1	1.297	0.34	
2	324	0.67	
3	144	1.01	
4	81	1.34	
5	52	1.68	

Luminous flux luminaire 218 lm  
 @White (B1)

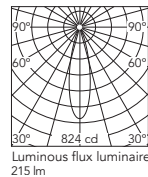
Set of 4 spots

- 05.7625.B1
- 05.7625.GL
- 05.7625.74
- 05.7625.EQ

### 3000K

Set of 1 spot

- 05.7606.B1
- 05.7606.GL
- 05.7606.74
- 05.7606.EQ



Beam Angle: 26°	h(m)	E(lx)	D(m)
1	824	0.47	
2	206	0.93	
3	92	1.40	
4	52	1.86	
5	33	2.33	

Luminous flux luminaire 215 lm  
 @White (B1)





Set of 4 spots

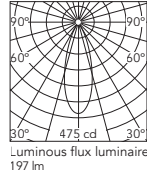
- 05.7626.B1
- 05.7626.GL
- 05.7626.74
- 05.7626.EQ

# EASY KAP

## Optic Flood 2700K

Set of 1 spot

-  05.7602.B1
-  05.7602.GL
-  05.7602.74
-  05.7602.EQ







Beam Angle: 34°

h(m)	E(lx)	D(m)
1	475	0.62
2	119	1.23
3	53	1.85
4	30	2.47
5	19	3.09





@White (B1)

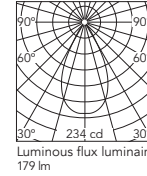
Set of 4 spots

-  05.7622.B1
-  05.7622.GL
-  05.7622.74
-  05.7622.EQ

## Optic Wide Flood 2700K

Set of 1 spot

-  05.7603.B1
-  05.7603.GL
-  05.7603.74
-  05.7603.EQ







Beam Angle: 53°

h(m)	E(lx)	D(m)
1	234	1.00
2	59	2.00
3	26	3.01
4	15	4.01
5	9	5.01





@White (B1)

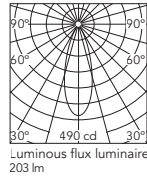
Set of 4 spots

-  05.7623.B1
-  05.7623.GL
-  05.7623.74
-  05.7623.EQ

## 3000K

Set of 1 spot

-  05.7607.B1
-  05.7607.GL
-  05.7607.74
-  05.7607.EQ







Beam Angle: 34°

h(m)	E(lx)	D(m)
1	490	0.62
2	122	1.23
3	54	1.85
4	31	2.47
5	20	3.09





@White (B1)

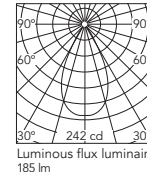
Set of 4 spots

-  05.7627.B1
-  05.7627.GL
-  05.7627.74
-  05.7627.EQ

## 3000K

Set of 1 spot

-  05.7608.B1
-  05.7608.GL
-  05.7608.74
-  05.7608.EQ







Beam Angle: 53°

h(m)	E(lx)	D(m)
1	242	1.00
2	60	2.00
3	27	3.01
4	15	4.01
5	10	5.01

@White (B1)

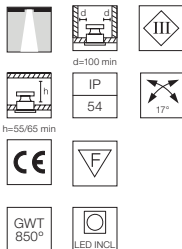
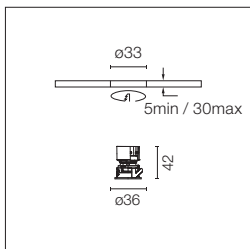
Set of 4 spots

-  05.7628.B1
-  05.7628.GL
-  05.7628.74
-  05.7628.EQ

# EASY KAP

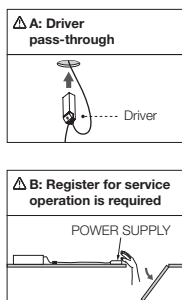
## Easy Kap Ø30 Adjustable

**Light Source:** Power LED DC 900 mA - 3W - 222 lm - 2700K/CRI 95 / 3W - 229 lm - 3000K/CRI 95  
 Driver pass-through. Power LED DC 700 mA - 3,2W - 174 lm - 2700K/CRI 95 / 3,2W - 199 lm - 3000K/CRI 95



Incasso a LED. Fonte di alimentazione esclusa.  
 Cornice di installazione non necessaria.

Recessed luminaire with LED light source. Power supply not included.  
 Installation frame not necessary.



Alimentazioni raccomandate / Recommended power supply\*:

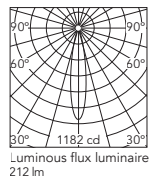
		Serial Con.	△
Non Dimmable 220-240V 700mA	60.9988	1	A
Non Dimmable 220-240V 900mA	60.9958	1 - 11	B
Dali 2 220-240V 900mA	60.9602	1 - 5	B
Dali 2 220-240V 900mA	60.9953	3 - 11	B
1-10V 220-240V 900mA	60.9414	1 - 5	B
1-10V 110-127 / 220-240 900mA	60.9208	2 - 5	B
Casambi 220-240V 900mA	06.1974.00	1 - 5	B
Mains Dimming 220-240V 900mA	60.9467	2 - 7	B
Mains Dimming 220-240V 900mA	60.9692	4 - 9	B

\* Vedi capitolo Drivers / Refer to the Drivers chapter  
 \*\* Altezza minima di incasso 65 mm solo per soffitti con spessore 30 mm /  
 Minimum embedding height 65mm only for 30mm ceiling thickness

### Optic Spot 2700K

Set of 1 spot

- 05.7610.B1
- 05.7610.GL
- 05.7610.74
- 05.7610.EQ



Beam Angle: 19°

@White (B1)

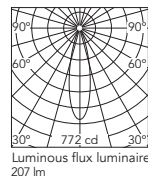
Set of 4 spots

- 05.7630.B1
- 05.7630.GL
- 05.7630.74
- 05.7630.EQ

### Optic Medium 2700K

Set of 1 spot

- 05.7611.B1
- 05.7611.GL
- 05.7611.74
- 05.7611.EQ



Beam Angle: 26°

@White (B1)

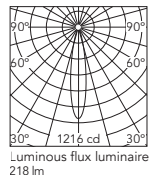
Set of 4 spots

- 05.7631.B1
- 05.7631.GL
- 05.7631.74
- 05.7631.EQ

### 3000K

Set of 1 spot

- 05.7615.B1
- 05.7615.GL
- 05.7615.74
- 05.7615.EQ



Beam Angle: 19°

@White (B1)

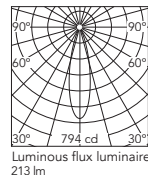
Set of 4 spots

- 05.7635.B1
- 05.7635.GL
- 05.7635.74
- 05.7635.EQ

### 3000K

Set of 1 spot

- 05.7616.B1
- 05.7616.GL
- 05.7616.74
- 05.7616.EQ



Beam Angle: 26°

@White (B1)





Set of 4 spots

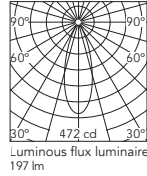
- 05.7636.B1
- 05.7636.GL
- 05.7636.74
- 05.7636.EQ

# EASY KAP

## Optic Flood 2700K

Set of 1 spot

-  05.7612.B1
-  05.7612.GL
-  05.7612.74
-  05.7612.EQ







Beam Angle: 35°

h(m)	E(lx)	D(m)
1	472	0.62
2	118	1.24
3	52	1.87
4	29	2.49
5	19	3.11





@White (B1)

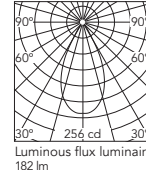
Set of 4 spots

-  05.7632.B1
-  05.7632.GL
-  05.7632.74
-  05.7632.EQ

## Optic Wide Flood 2700K

Set of 1 spot

-  05.7613.B1
-  05.7613.GL
-  05.7613.74
-  05.7613.EQ







Beam Angle: 51°

h(m)	E(lx)	D(m)
1	256	0.96
2	64	1.91
3	28	2.87
4	16	3.82
5	10	4.78





@White (B1)

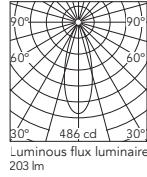
Set of 4 spots

-  05.7633.B1
-  05.7633.GL
-  05.7633.74
-  05.7633.EQ

## 3000K

Set of 1 spot

-  05.7617.B1
-  05.7617.GL
-  05.7617.74
-  05.7617.EQ







Beam Angle: 35°

h(m)	E(lx)	D(m)
1	486	0.62
2	121	1.24
3	54	1.87
4	30	2.49
5	19	3.11





@White (B1)

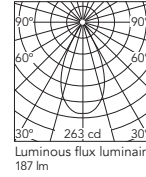
Set of 4 spots

-  05.7637.B1
-  05.7637.GL
-  05.7637.74
-  05.7637.EQ

## 3000K

Set of 1 spot

-  05.7618.B1
-  05.7618.GL
-  05.7618.74
-  05.7618.EQ







Beam Angle: 51°

h(m)	E(lx)	D(m)
1	263	0.96
2	66	1.91
3	29	2.87
4	16	3.82
5	11	4.78

@White (B1)

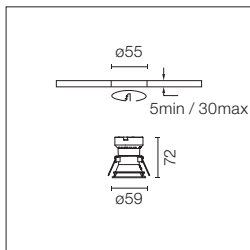
Set of 4 spots

-  05.7638.B1
-  05.7638.GL
-  05.7638.74
-  05.7638.EQ

# EASY KAP

## Easy Kap Ø50 Fixed

Light Source: LED Array DC 200 mA - 7,5W - 595 lm - 2700K/CRI 90 / 7,5W - 635 lm - 3000K/CRI 90



	GWT 850°		IP 54
	0,14 Kg		0,03
	h=100 min		LED INCL
	CE		III

Incasso a LED. Fonte di alimentazione esclusa.  
Cornice di installazione non necessaria.

Recessed luminaire with LED light source. Power supply not included.  
Installation frame not necessary.

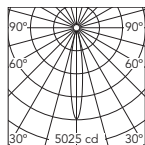
Alimentazioni raccomandate / Recommended power supply\*:

- |                |                             |
|----------------|-----------------------------|
| Non Dimmable   | 60.9160                     |
| Dimmable 0-10V | 60.9483                     |
| Dimmable Dali  | RF32164                     |
| Mains Dimming  | 60.9421                     |
| Casambi        | 60.9392 + DALI/1-10V Driver |

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7200.B1
- 05.7200.GL
- 05.7200.74
- 05.7200.EQ



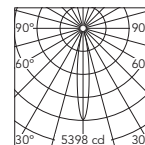
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5025	0.27
2	1256	0.53
3	558	0.80
4	314	1.07
5	201	1.33

Luminous flux luminaire  
543 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 05.7205.B1
- 05.7205.GL
- 05.7205.74
- 05.7205.EQ



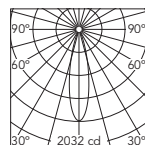
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5398	0.27
2	1349	0.53
3	600	0.80
4	337	1.07
5	216	1.33

Luminous flux luminaire  
583 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 05.7201.B1
- 05.7201.GL
- 05.7201.74
- 05.7201.EQ



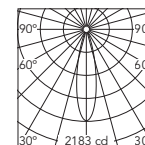
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	2032	0.43
2	508	0.86
3	226	1.30
4	127	1.73
5	81	2.16

Luminous flux luminaire  
488 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 05.7206.B1
- 05.7206.GL
- 05.7206.74
- 05.7206.EQ



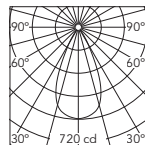
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	2183	0.43
2	546	0.86
3	243	1.30
4	136	1.73
5	87	2.16

Luminous flux luminaire  
524 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 05.7202.B1
- 05.7202.GL
- 05.7202.74
- 05.7202.EQ



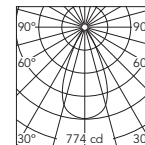
Beam Angle: 49°

h(m)	E(lx)	D(m)
1	720	0.91
2	180	1.83
3	80	2.74
4	45	3.66
5	29	4.57

Luminous flux luminaire  
496 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 05.7207.B1
- 05.7207.GL
- 05.7207.74
- 05.7207.EQ



Beam Angle: 49°

h(m)	E(lx)	D(m)
1	774	0.91
2	193	1.83
3	86	2.74
4	48	3.66
5	31	4.57

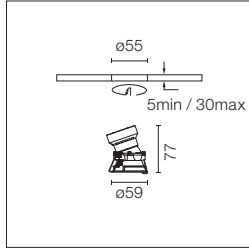
Luminous flux luminaire  
532 lm (EXTREME CUT OFF)  
@White (B1)



# EASY KAP

## Easy Kap Ø50 Adjustable

**Light Source:** LED Array DC 200 mA - 7,5W - 595 lm - 2700K/CRI 90 / 7,5W - 635 lm - 3000K/CRI 90



Incasso a LED. Fonte di alimentazione esclusa.  
Cornice di installazione non necessaria.

Recessed luminaire with LED light source. Power supply not included.  
Installation frame not necessary.

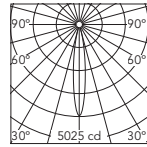
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9160
Dimmable 0-10V	60.9483
Dimmable Dali	RF32164
Mains Dimming	60.9421
Casambi	60.9392 + DALI/1-10V Driver

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7210.B1
- 05.7210.GL
- 05.7210.74
- 05.7210.EQ



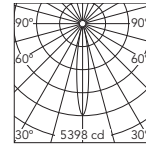
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5025	0.27
2	1256	0.53
3	558	0.80
4	314	1.07
5	201	1.33

Luminous flux luminaire  
543 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 05.7215.B1
- 05.7215.GL
- 05.7215.74
- 05.7215.EQ



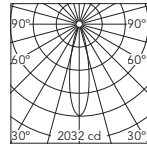
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	5398	0.27
2	1349	0.53
3	600	0.80
4	337	1.07
5	216	1.33

Luminous flux luminaire  
583 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 05.7211.B1
- 05.7211.GL
- 05.7211.74
- 05.7211.EQ



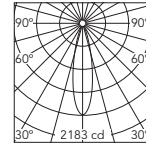
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	2032	0.43
2	508	0.86
3	226	1.30
4	127	1.73
5	81	2.16

Luminous flux luminaire  
488 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 05.7216.B1
- 05.7216.GL
- 05.7216.74
- 05.7216.EQ



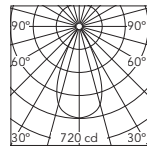
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	2183	0.43
2	546	0.86
3	243	1.30
4	136	1.73
5	87	2.16

Luminous flux luminaire  
524 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 05.7212.B1
- 05.7212.GL
- 05.7212.74
- 05.7212.EQ



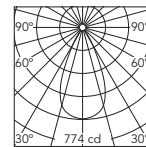
Beam Angle: 49°

h(m)	E(lx)	D(m)
1	720	0.91
2	180	1.83
3	80	2.74
4	45	3.66
5	29	4.57

Luminous flux luminaire  
496 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 05.7217.B1
- 05.7217.GL
- 05.7217.74
- 05.7217.EQ



Beam Angle: 49°

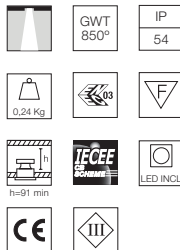
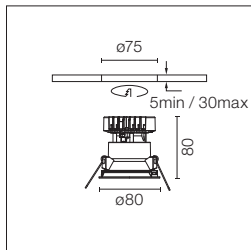
h(m)	E(lx)	D(m)
1	774	0.91
2	193	1.83
3	86	2.74
4	48	3.66
5	31	4.57

Luminous flux luminaire  
532 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap Ø80 - Fixed

Light Source: Easy Kap Ø80: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Incasso a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente diffusore incluso.

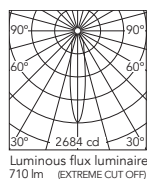
Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens included.

Alimentazioni raccomandate / Recommended power supply\*:  
 Non Dimmable 60.9768  
 Dimmable 0/1-10V RF27961  
 Dimmable Dali 2 60.9826  
 Mains Dimming 60.9411  
 Casambi 60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 03.4288.B1
- 03.4288.GL
- 03.4288.74
- 03.4288.EQ



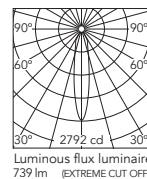
Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2684	0.34
2	671	0.68
3	298	1.02
4	168	1.36
5	107	1.70

Luminous flux luminaire 710 lm (EXTREME CUT OFF) @White (B1)

### Optic Spot 3000K

- 03.4287.B1
- 03.4287.GL
- 03.4287.74
- 03.4287.EQ



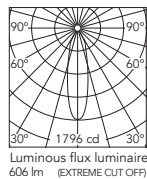
Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2792	0.34
2	698	0.68
3	310	1.02
4	175	1.36
5	112	1.70

Luminous flux luminaire 739 lm (EXTREME CUT OFF) @White (B1)

### Optic Medium 2700K

- 03.4193.B1
- 03.4193.GL
- 03.4193.74
- 03.4193.EQ



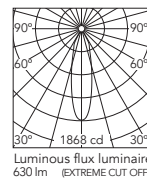
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1796	0.46
2	449	0.92
3	200	1.39
4	112	1.85
5	72	2.31

Luminous flux luminaire 606 lm (EXTREME CUT OFF) @White (B1)

### Optic Medium 3000K

- 03.4192.B1
- 03.4192.GL
- 03.4192.74
- 03.4192.EQ



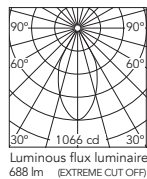
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1868	0.46
2	467	0.92
3	208	1.39
4	117	1.85
5	75	2.31

Luminous flux luminaire 630 lm (EXTREME CUT OFF) @White (B1)

### Optic Flood 2700K

- 03.4298.B1
- 03.4298.GL
- 03.4298.74
- 03.4298.EQ



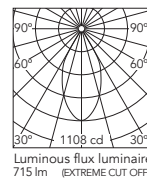
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1066	0.93
2	266	1.86
3	118	2.79
4	67	3.72
5	43	4.65

Luminous flux luminaire 688 lm (EXTREME CUT OFF) @White (B1)

### Optic Flood 3000K

- 03.4297.B1
- 03.4297.GL
- 03.4297.74
- 03.4297.EQ



Beam Angle: 50°

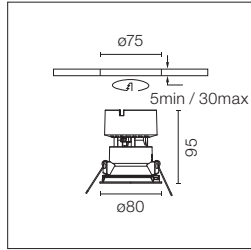
h(m)	E(lx)	D(m)
1	1108	0.93
2	277	1.86
3	123	2.79
4	69	3.72
5	44	4.65

Luminous flux luminaire 715 lm (EXTREME CUT OFF) @White (B1)

# EASY KAP

## Easy Kap Ø80 Plus - Fixed

Light Source: Easy Kap Ø80 Plus: LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens included.

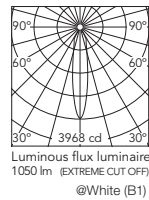
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7441.B1
- 05.7441.GL
- 05.7441.74
- 05.7441.EQ



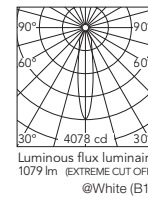
Beam Angle: 19°

h(m)	E(lx)	D(m)
1	3968	0.34
2	992	0.68
3	441	1.02
4	248	1.36
5	159	1.70

Luminous flux luminaire 1050 lm (EXTREME CUT OFF) @White (B1)

### Optic Spot 3000K

- 05.7440.B1
- 05.7440.GL
- 05.7440.74
- 05.7440.EQ



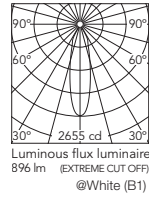
Beam Angle: 19°

h(m)	E(lx)	D(m)
1	4078	0.34
2	1019	0.68
3	453	1.02
4	255	1.36
5	163	1.70

Luminous flux luminaire 1079 lm (EXTREME CUT OFF) @White (B1)

### Optic Medium 2700K

- 05.7431.B1
- 05.7431.GL
- 05.7431.74
- 05.7431.EQ



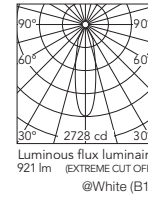
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2655	0.46
2	664	0.92
3	295	1.39
4	166	1.85
5	106	2.31

Luminous flux luminaire 896 lm (EXTREME CUT OFF) @White (B1)

### Optic Medium 3000K

- 05.7430.B1
- 05.7430.GL
- 05.7430.74
- 05.7430.EQ



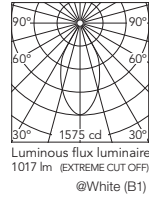
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	2728	0.46
2	682	0.92
3	303	1.39
4	170	1.85
5	109	2.31

Luminous flux luminaire 921 lm (EXTREME CUT OFF) @White (B1)

### Optic Flood 2700K

- 05.7447.B1
- 05.7447.GL
- 05.7447.74
- 05.7447.EQ



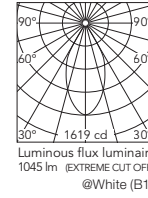
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	1575	0.93
2	394	1.86
3	175	2.79
4	98	3.72
5	63	4.65

Luminous flux luminaire 1017 lm (EXTREME CUT OFF) @White (B1)

### Optic Flood 3000K

- 05.7446.B1
- 05.7446.GL
- 05.7446.74
- 05.7446.EQ



Beam Angle: 50°

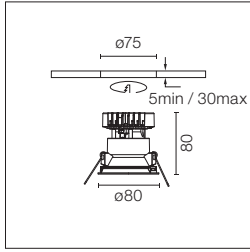
h(m)	E(lx)	D(m)
1	1619	0.93
2	405	1.86
3	180	2.79
4	101	3.72
5	65	4.65

Luminous flux luminaire 1045 lm (EXTREME CUT OFF) @White (B1)

# EASY KAP

## Easy Kap Ø80 Fixed - Dim To Warm

**Light Source:** LED Array 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm



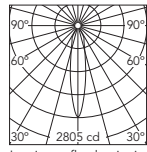
	GWT 850°	IP 54
	0,24 Kg	
	h=91 min	

Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa.  
Per versioni con apparecchi a 110V, contattare il Front office.  
Cornice di installazione non necessaria.  
Lente diffusore incluso.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included.  
For 110V PSU versions, please consult with the front office.  
Installation frame not necessary.  
Diffusing lens included.

### Optic Spot 1800K-2850K

- 03.4287.B1.LE
- 03.4287.GL.LE
- 03.4287.74.LE
- 03.4287.EQ.LE



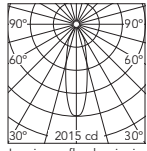
Beam Angle: 20°

h(m)	E(lx)	D(m)
1	2805	0.35
2	701	0.69
3	312	1.04
4	175	1.39
5	112	1.74

Luminous flux luminaire  
740 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 1800K-2850K

- 03.4192.B1.LE
- 03.4192.GL.LE
- 03.4192.74.LE
- 03.4192.EQ.LE



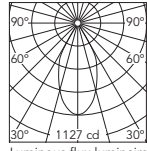
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	2015	0.49
2	504	0.98
3	224	1.46
4	126	1.95
5	81	2.44

Luminous flux luminaire  
735 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 1800K-2850K

- 03.4297.B1.LE
- 03.4297.GL.LE
- 03.4297.74.LE
- 03.4297.EQ.LE



Beam Angle: 49°

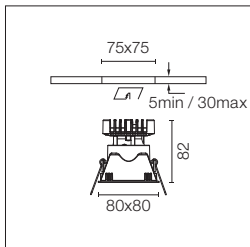
h(m)	E(lx)	D(m)
1	1127	0.92
2	282	1.83
3	125	2.75
4	70	3.67
5	45	4.59

Luminous flux luminaire  
729 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap 80 Square - Fixed

Light Source: Easy Kap 80 Square: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens included.

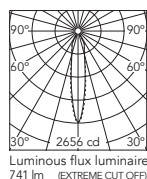
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 03.4177.B1
- 03.4177.GL
- 03.4177.74
- 03.4177.EQ



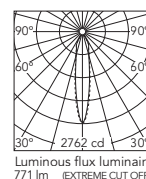
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2656	0.31
2	664	0.62
3	295	0.94
4	166	1.25
5	106	1.56

Luminous flux luminaire  
741 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 03.4176.B1
- 03.4176.GL
- 03.4176.74
- 03.4176.EQ



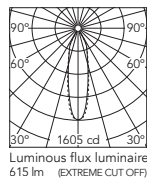
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2762	0.31
2	691	0.62
3	307	0.94
4	173	1.25
5	110	1.56

Luminous flux luminaire  
771 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 03.4195.B1
- 03.4195.GL
- 03.4195.74
- 03.4195.EQ



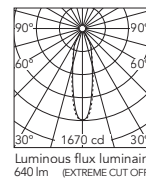
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1605	0.45
2	401	0.90
3	178	1.34
4	100	1.79
5	64	2.24

Luminous flux luminaire  
615 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 03.4194.B1
- 03.4194.GL
- 03.4194.74
- 03.4194.EQ



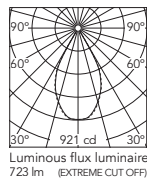
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1670	0.45
2	417	0.90
3	186	1.34
4	104	1.79
5	67	2.24

Luminous flux luminaire  
640 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 03.4179.B1
- 03.4179.GL
- 03.4179.74
- 03.4179.EQ



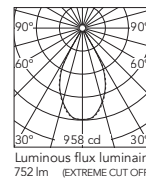
Beam Angle: 55°

h(m)	E(lx)	D(m)
1	921	1.03
2	230	2.07
3	102	3.10
4	58	4.14
5	37	5.17

Luminous flux luminaire  
723 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 03.4178.B1
- 03.4178.GL
- 03.4178.74
- 03.4178.EQ



Beam Angle: 55°

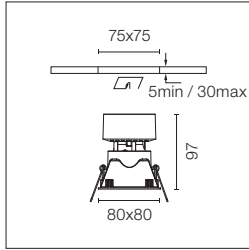
h(m)	E(lx)	D(m)
1	958	1.03
2	240	2.07
3	106	3.10
4	60	4.14
5	38	5.17

Luminous flux luminaire  
752 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap 80 Square Plus - Fixed

Light Source: Easy Kap 80 Square Plus: LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



GWT  
850°



LED INCL



0.24 Kg



IP  
54



CE

Incasso a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens included.

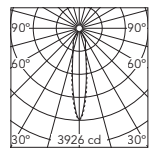
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7407.B1
- 05.7407.GL
- 05.7407.74
- 05.7407.EQ



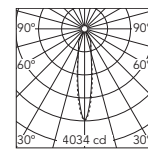
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	3926	0.31
2	981	0.62
3	436	0.94
4	245	1.25
5	157	1.56

Luminous flux luminaire  
1096 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 05.7406.B1
- 05.7406.GL
- 05.7406.74
- 05.7406.EQ



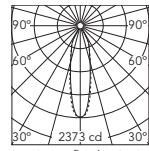
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	4034	0.31
2	1009	0.62
3	448	0.94
4	252	1.25
5	161	1.56

Luminous flux luminaire  
1126 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 05.7433.B1
- 05.7433.GL
- 05.7433.74
- 05.7433.EQ



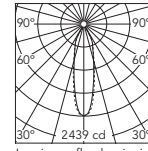
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2373	0.45
2	593	0.90
3	264	1.34
4	148	1.79
5	95	2.24

Luminous flux luminaire  
910 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 05.7432.B1
- 05.7432.GL
- 05.7432.74
- 05.7432.EQ



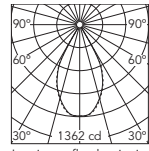
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2439	0.45
2	610	0.90
3	271	1.34
4	152	1.79
5	98	2.24

Luminous flux luminaire  
935 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 05.7409.B1
- 05.7409.GL
- 05.7409.74
- 05.7409.EQ



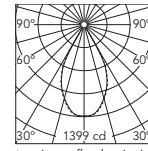
Beam Angle: 55°

h(m)	E(lx)	D(m)
1	1362	1.03
2	340	2.07
3	151	3.10
4	85	4.14
5	54	5.17

Luminous flux luminaire  
1069 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 05.7408.B1
- 05.7408.GL
- 05.7408.74
- 05.7408.EQ



Beam Angle: 55°

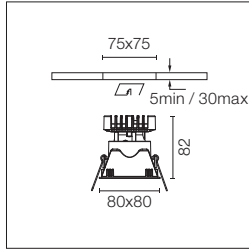
h(m)	E(lx)	D(m)
1	1399	1.03
2	350	2.07
3	155	3.10
4	87	4.14
5	56	5.17

Luminous flux luminaire  
1099 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap 80 Square Fixed - Dim To Warm

**Light Source:** LED Array 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm



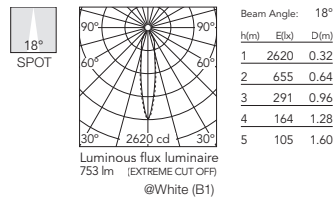
	GWT 850°		IP 54
	0,24 Kg		
	ICFEE		LED INCL
	h=98 min		

Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa.  
Per versioni con apparecchi a 110V, contattare il Front office.  
Cornice di installazione non necessaria.  
Lente diffusore incluso.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included.  
For 110V PSU versions, please consult with the front office.  
Installation frame not necessary.  
Diffusing lens included.

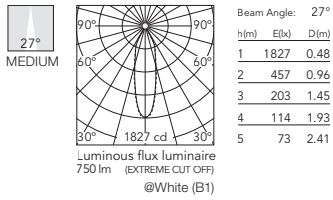
### Optic Spot 1800K-2850K

- 03.4176.B1.LE
- 03.4176.GL.LE
- 03.4176.74.LE
- 03.4176.EQ.LE



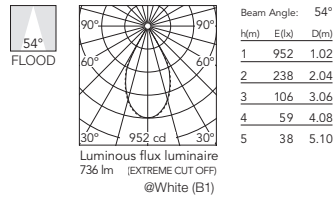
### Optic Medium 1800K-2850K

- 03.4194.B1.LE
- 03.4194.GL.LE
- 03.4194.74.LE
- 03.4194.EQ.LE



### Optic Flood 1800K-2850K

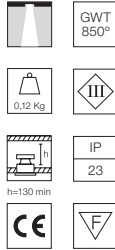
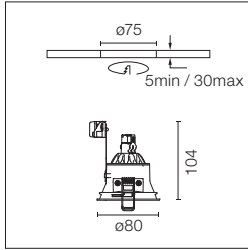
- 03.4178.B1.LE
- 03.4178.GL.LE
- 03.4178.74.LE
- 03.4178.EQ.LE



# EASY KAP





## Easy Kap Ø80 Fixed

Light Source: LED QR-CBC 51 GX5.3



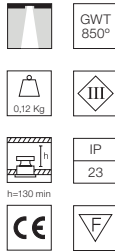
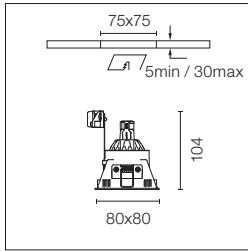
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Installation frame not necessary.  
Not suitable for lens accessories.

-  03.4210.B1
-  03.4210.GL
-  03.4210.74
-  03.4210.EQ





## Easy Kap 80 Square Fixed

Light Source: LED QR-CBC 51 GX5.3



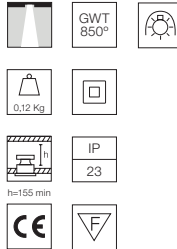
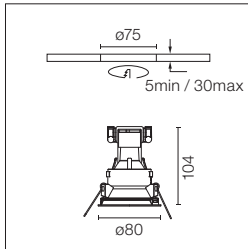
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Installation frame not necessary.  
Not suitable for lens accessories.

-  03.4208.B1
-  03.4208.GL
-  03.4208.74
-  03.4208.EQ





## Easy Kap Ø80 Fixed

Light Source: LED PAR 16 GZ10



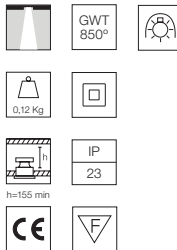
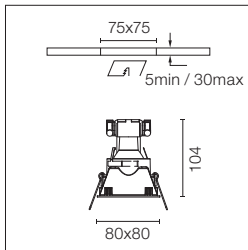
Incasso con alimentazione in tensione di rete. Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed luminaire with main voltage source. Installation frame not necessary.  
Not suitable for lens accessories.

-  03.4211.B1
-  03.4211.GL
-  03.4211.74
-  03.4211.EQ




## Easy Kap 80 Square Fixed

Light Source: LED PAR 16 GZ10



Incasso con alimentazione in tensione di rete. Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed luminaire with main voltage source. Installation frame not necessary.  
Not suitable for lens accessories.

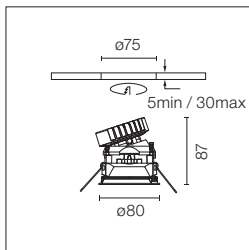
-  03.4209.B1
-  03.4209.GL
-  03.4209.74
-  03.4209.EQ



# EASY KAP

## Easy Kap Ø80 - Adjustable

Light Source: Easy Kap Ø80: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90




Incasso a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens included.

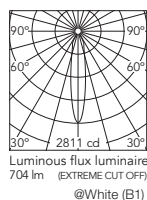
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 
- 03.4153.B1
- 03.4153.GL
- 03.4153.74
- 03.4153.EQ



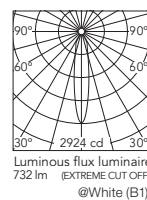
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2811	0.33
2	703	0.66
3	312	0.99
4	176	1.33
5	112	1.66

Luminous flux luminaire  
704 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 
- 03.4170.B1
- 03.4170.GL
- 03.4170.74
- 03.4170.EQ



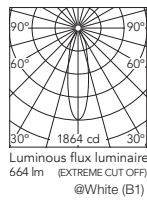
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2924	0.33
2	731	0.66
3	325	0.99
4	183	1.33
5	117	1.66

Luminous flux luminaire  
732 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 
- 03.4155.B1
- 03.4155.GL
- 03.4155.74
- 03.4155.EQ



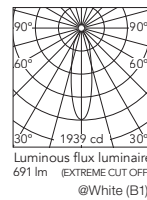
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1864	0.47
2	466	0.93
3	207	1.40
4	116	1.87
5	75	2.33

Luminous flux luminaire  
664 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 
- 03.4171.B1
- 03.4171.GL
- 03.4171.74
- 03.4171.EQ



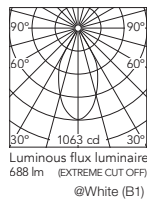
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1939	0.47
2	485	0.93
3	215	1.40
4	121	1.87
5	78	2.33

Luminous flux luminaire  
691 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 
- 03.4157.B1
- 03.4157.GL
- 03.4157.74
- 03.4157.EQ



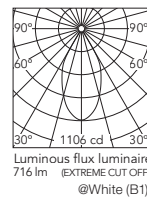
Beam Angle: 47°

h(m)	E(lx)	D(m)
1	1063	0.94
2	266	1.89
3	118	2.83
4	66	3.77
5	43	4.71

Luminous flux luminaire  
688 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 
- 03.4172.B1
- 03.4172.GL
- 03.4172.74
- 03.4172.EQ



Beam Angle: 47°

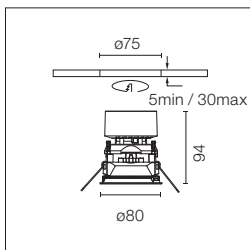
h(m)	E(lx)	D(m)
1	1106	0.94
2	276	1.89
3	123	2.83
4	69	3.77
5	44	4.71

Luminous flux luminaire  
716 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap Ø80 Plus - Adjustable

Light Source: Easy Kap Ø80 Plus: LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



Incasso a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens included.

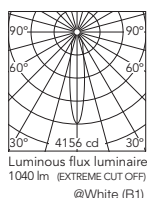
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7400.B1
- 05.7400.GL
- 05.7400.74
- 05.7400.EQ

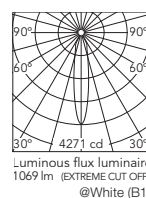


Beam Angle: 19°			
h(m)	E(lx)	D(m)	
1	4156	0.33	
2	1039	0.66	
3	462	0.99	
4	260	1.33	
5	166	1.66	

Luminous flux luminaire 1040 lm (EXTREME CUT OFF) @White (B1)

### Optic Spot 3000K

- 05.7403.B1
- 05.7403.GL
- 05.7403.74
- 05.7403.EQ

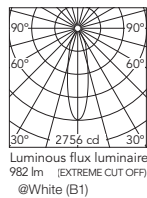


Beam Angle: 19°			
h(m)	E(lx)	D(m)	
1	4271	0.33	
2	1068	0.66	
3	475	0.99	
4	267	1.33	
5	171	1.66	

Luminous flux luminaire 1069 lm (EXTREME CUT OFF) @White (B1)

### Optic Medium 2700K

- 05.7401.B1
- 05.7401.GL
- 05.7401.74
- 05.7401.EQ

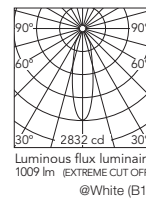


Beam Angle: 26°			
h(m)	E(lx)	D(m)	
1	2756	0.47	
2	689	0.93	
3	306	1.40	
4	172	1.87	
5	110	2.33	

Luminous flux luminaire 982 lm (EXTREME CUT OFF) @White (B1)

### Optic Medium 3000K

- 05.7404.B1
- 05.7404.GL
- 05.7404.74
- 05.7404.EQ

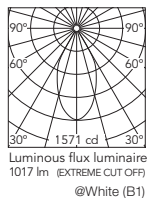


Beam Angle: 26°			
h(m)	E(lx)	D(m)	
1	2832	0.47	
2	708	0.93	
3	315	1.40	
4	177	1.87	
5	113	2.33	

Luminous flux luminaire 1009 lm (EXTREME CUT OFF) @White (B1)

### Optic Flood 2700K

- 05.7402.B1
- 05.7402.GL
- 05.7402.74
- 05.7402.EQ

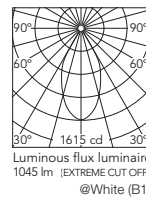


Beam Angle: 50°			
h(m)	E(lx)	D(m)	
1	1571	0.94	
2	393	1.89	
3	175	2.83	
4	98	3.77	
5	63	4.71	

Luminous flux luminaire 1017 lm (EXTREME CUT OFF) @White (B1)

### Optic Flood 3000K

- 05.7405.B1
- 05.7405.GL
- 05.7405.74
- 05.7405.EQ



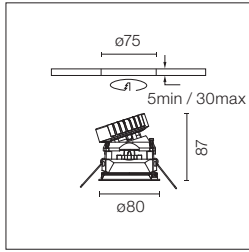
Beam Angle: 50°			
h(m)	E(lx)	D(m)	
1	1615	0.94	
2	404	1.89	
3	179	2.83	
4	101	3.77	
5	65	4.71	

Luminous flux luminaire 1045 lm (EXTREME CUT OFF) @White (B1)

# EASY KAP

## Easy Kap Ø80 Adjustable - Dim To Warm

**Light Source:** LED Array 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm

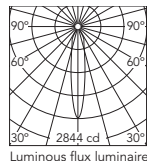


Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Installation frame not necessary. Diffusing lens included.

### Optic Spot 1800K-2850K

- 03.4170.B1.LE
- 03.4170.GL.LE
- 03.4170.74.LE
- 03.4170.EQ.LE



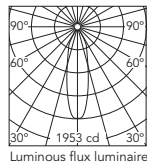
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2844	0.31
2	711	0.63
3	316	0.94
4	178	1.25
5	114	1.56

Luminous flux luminaire  
716 lm [EXTREME CUT OFF]  
@White (B1)

### Optic Medium 1800K-2850K

- 03.4171.B1.LE
- 03.4171.GL.LE
- 03.4171.74.LE
- 03.4171.EQ.LE



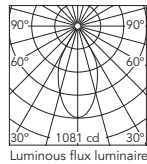
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	1953	0.48
2	488	0.97
3	217	1.45
4	122	1.94
5	78	2.42

Luminous flux luminaire  
722 lm [EXTREME CUT OFF]  
@White (B1)

### Optic Flood 1800K-2850K

- 03.4172.B1.LE
- 03.4172.GL.LE
- 03.4172.74.LE
- 03.4172.EQ.LE



Beam Angle: 51°

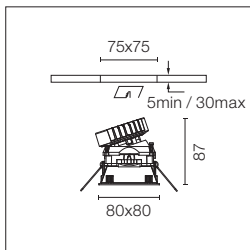
h(m)	E(lx)	D(m)
1	1081	0.94
2	270	1.89
3	120	2.83
4	68	3.78
5	43	4.72

Luminous flux luminaire  
707 lm [EXTREME CUT OFF]  
@White (B1)

# EASY KAP

## Easy Kap 80 Square - Adjustable

Light Source: Easy Kap 80 Square: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90




Incasso a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens included.

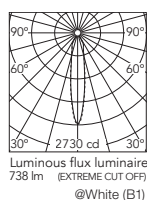
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 03.4294.B1
- 03.4294.GL
- 03.4294.74
- 03.4294.EQ

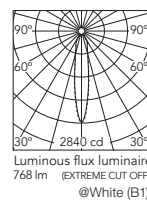


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2730	0.31
2	682	0.62
3	303	0.93
4	171	1.24
5	109	1.55

### Optic Spot 3000K

- 03.4293.B1
- 03.4293.GL
- 03.4293.74
- 03.4293.EQ

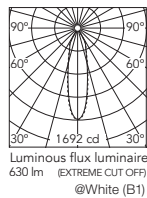


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2840	0.31
2	710	0.62
3	316	0.93
4	177	1.24
5	114	1.55

### Optic Medium 2700K

- 03.4201.B1
- 03.4201.GL
- 03.4201.74
- 03.4201.EQ

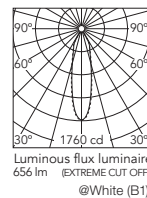


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1692	0.44
2	423	0.88
3	188	1.32
4	106	1.76
5	68	2.20

### Optic Medium 3000K

- 03.4200.B1
- 03.4200.GL
- 03.4200.74
- 03.4200.EQ

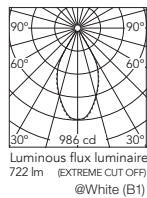


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	1760	0.44
2	440	0.88
3	196	1.32
4	110	1.76
5	70	2.20

### Optic Flood 2700K

- 03.4296.B1
- 03.4296.GL
- 03.4296.74
- 03.4296.EQ

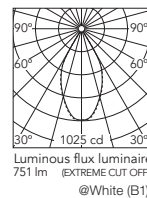


Beam Angle: 53°

h(m)	E(lx)	D(m)
1	986	0.99
2	246	1.98
3	110	2.98
4	62	3.97
5	39	4.96

### Optic Flood 3000K

- 03.4295.B1
- 03.4295.GL
- 03.4295.74
- 03.4295.EQ



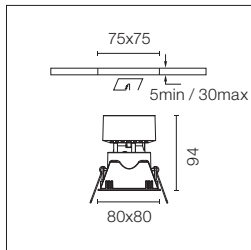
Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1025	0.99
2	256	1.98
3	114	2.98
4	64	3.97
5	41	4.96

# EASY KAP

## Easy Kap 80 Square Plus - Adjustable

Light Source: Easy Kap 80 Square Plus: LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



		IP 54
		LED INCL
		GWT 850°
		III

Incasto a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens included.

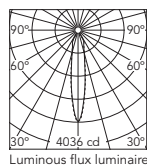
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7443.B1
- 05.7443.GL
- 05.7443.74
- 05.7443.EQ



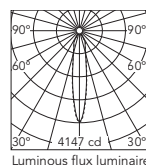
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	4036	0.31
2	1009	0.62
3	448	0.93
4	252	1.24
5	161	1.55

Luminous flux luminaire  
1092 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 05.7442.B1
- 05.7442.GL
- 05.7442.74
- 05.7442.EQ



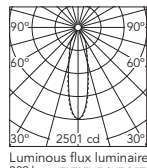
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	4147	0.31
2	1037	0.62
3	461	0.93
4	259	1.24
5	166	1.55

Luminous flux luminaire  
1122 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 05.7439.B1
- 05.7439.GL
- 05.7439.74
- 05.7439.EQ



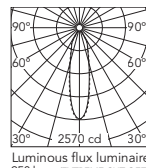
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2501	0.44
2	625	0.88
3	278	1.32
4	156	1.76
5	100	2.20

Luminous flux luminaire  
932 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 05.7438.B1
- 05.7438.GL
- 05.7438.74
- 05.7438.EQ



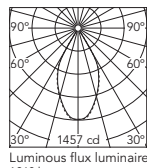
Beam Angle: 25°

h(m)	E(lx)	D(m)
1	2570	0.44
2	643	0.88
3	286	1.32
4	161	1.76
5	103	2.20

Luminous flux luminaire  
958 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 05.7445.B1
- 05.7445.GL
- 05.7445.74
- 05.7445.EQ



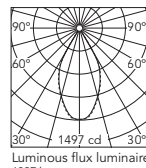
Beam Angle: 53°

h(m)	E(lx)	D(m)
1	1457	0.99
2	364	1.98
3	162	2.98
4	91	3.97
5	58	4.96

Luminous flux luminaire  
1068 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 05.7444.B1
- 05.7444.GL
- 05.7444.74
- 05.7444.EQ



Beam Angle: 53°

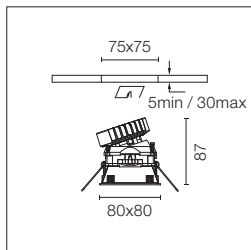
h(m)	E(lx)	D(m)
1	1497	0.99
2	374	1.98
3	166	2.98
4	94	3.97
5	60	4.96

Luminous flux luminaire  
1097 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap 80 Square Adjustable - Dim To Warm

Light Source: LED Array 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm

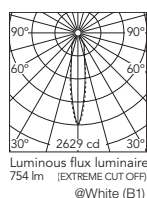


Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Installation frame not necessary. Diffusing lens included.

### Optic Spot 1800K-2850K

- 03.4293.B1.LE
- 03.4293.GL.LE
- 03.4293.74.LE
- 03.4293.EQ.LE

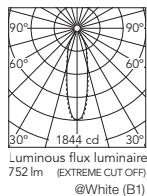


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2629	0.31
2	657	0.63
3	292	0.94
4	164	1.26
5	105	1.57

### Optic Medium 1800K-2850K

- 03.4200.B1.LE
- 03.4200.GL.LE
- 03.4200.74.LE
- 03.4200.EQ.LE

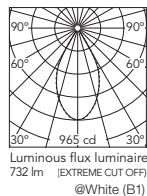


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1844	0.47
2	461	0.94
3	205	1.41
4	115	1.88
5	74	2.35

### Optic Flood 1800K-2850K

- 03.4295.B1.LE
- 03.4295.GL.LE
- 03.4295.74.LE
- 03.4295.EQ.LE



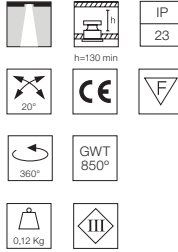
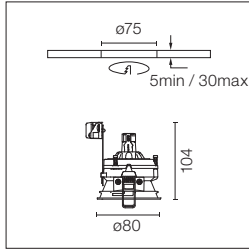
Beam Angle: 53°

h(m)	E(lx)	D(m)
1	965	1.01
2	241	2.01
3	107	3.02
4	60	4.03
5	39	5.03

# EASY KAP





## Easy Kap Ø80 Adjustable

Light Source: LED QR-CBC 51 GX5.3



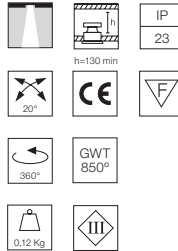
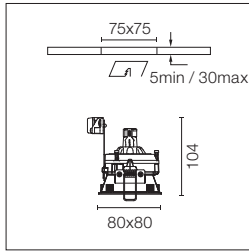
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Installation frame not necessary.  
Not suitable for lens accessories.

-  03.4160.B1
-  03.4160.GL
-  03.4160.74
-  03.4160.EQ





## Easy Kap 80 Square Adjustable

Light Source: LED QR-CBC 51 GX5.3



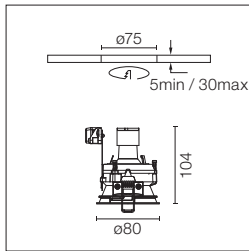
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Installation frame not necessary.  
Not suitable for lens accessories.

-  03.4212.B1
-  03.4212.GL
-  03.4212.74
-  03.4212.EQ





## Easy Kap Ø80 Adjustable

Light Source: LED PAR 16 GZ10



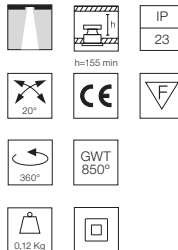
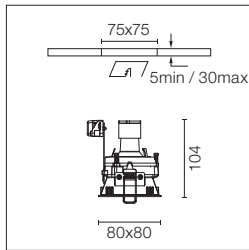
Incasso con alimentazione in tensione di rete. Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed luminaire with main voltage source. Installation frame not necessary.  
Not suitable for lens accessories.

-  03.4162.B1
-  03.4162.GL
-  03.4162.74
-  03.4162.EQ





## Easy Kap 80 Square Adjustable

Light Source: LED PAR 16 GZ10



Incasso con alimentazione in tensione di rete. Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

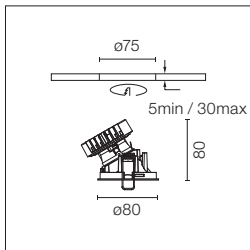
Recessed luminaire with main voltage source. Installation frame not necessary.  
Not suitable for lens accessories.

-  03.4213.B1
-  03.4213.GL
-  03.4213.74
-  03.4213.EQ

# EASY KAP

## Easy Kap Ø80 - Wall-Washer

Light Source: Easy Kap Ø80: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente ellittica inclusa.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Elliptical lens included.

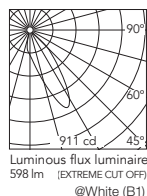
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K

- 03.4197.B1
- 03.4197.GL
- 03.4197.74
- 03.4197.EQ

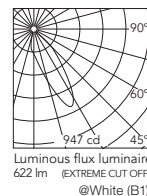


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	911	0.62
2	228	1.24
3	101	1.87
4	57	2.49
5	36	3.11

### 3000K

- 03.4196.B1
- 03.4196.GL
- 03.4196.74
- 03.4196.EQ

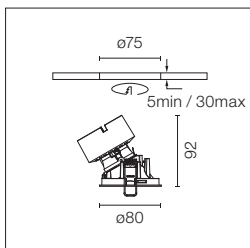


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	947	0.62
2	237	1.24
3	105	1.87
4	59	2.49
5	38	3.11

## Easy Kap Ø80 Plus - Wall-Washer

Light Source: Easy Kap Ø80 Plus: LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente ellittica inclusa.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Elliptical lens included.

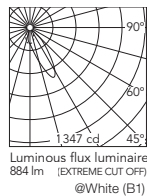
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K

- 05.7435.B1
- 05.7435.GL
- 05.7435.74
- 05.7435.EQ

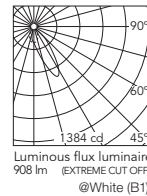


Beam Angle: 28°

h(m)	E(lx)	D(m)
1	1347	0.62
2	337	1.24
3	150	1.87
4	84	2.49
5	54	3.11

### 3000K

- 05.7434.B1
- 05.7434.GL
- 05.7434.74
- 05.7434.EQ



Beam Angle: 28°

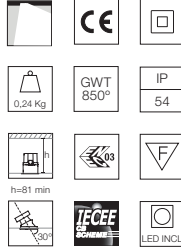
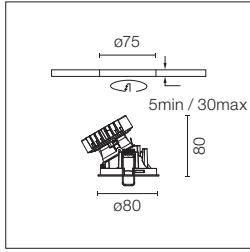
h(m)	E(lx)	D(m)
1	1384	0.62
2	346	1.24
3	154	1.87
4	86	2.49
5	55	3.11



# EASY KAP

## Easy Kap Ø80 Wall-Washer - Dim To Warm

**Light Source:** LED Array 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm

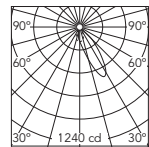


Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Installation frame not necessary. Diffusing lens included.

### 1800K-2850K

- 03.4196.B1.LE
- 03.4196.GL.LE
- 03.4196.74.LE
- 03.4196.EQ.LE



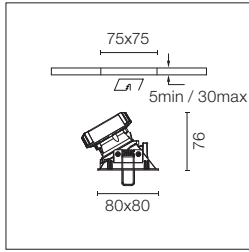
Beam Angle: 28°

H(m)	E(lx)	D(m)
1	1240	0.64
2	310	1.29
3	138	1.93
4	78	2.58
5	50	3.22

# EASY KAP

## Easy Kap 80 Square - Wall-Washer

Light Source: Easy Kap 80 Square: LED Array DC 500 mA - 9,2W - 935 lm - 2700K/CRI 90 / 9,2W - 974 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente ellittica inclusa.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Elliptical lens included.

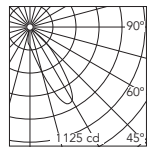
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K

- 03.4199.B1
- 03.4199.GL
- 03.4199.74
- 03.4199.EQ



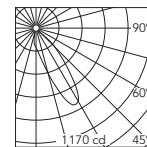
Luminous flux luminaire  
625 lm (EXTREME CUT OFF)  
@White (B1)

Beam Angle: 27°

h(m)	El(x)	D(m)
1	1125	0.62
2	281	1.24
3	125	1.85
4	70	2.47
5	45	3.09

### 3000K

- 03.4198.B1
- 03.4198.GL
- 03.4198.74
- 03.4198.EQ



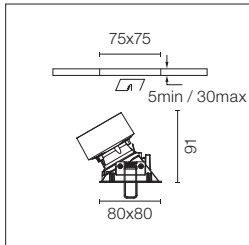
Luminous flux luminaire  
650 lm (EXTREME CUT OFF)  
@White (B1)

Beam Angle: 27°

h(m)	El(x)	D(m)
1	1170	0.62
2	292	1.24
3	130	1.85
4	73	2.47
5	47	3.09

## Easy Kap 80 Square Plus - Wall-Washer

Light Source: Easy Kap 80 Square Plus: LED Array DC 700 mA - 13W - 1370 lm - 2700K/CRI 90 / 13W - 1460 lm - 3000K/CRI 90



Incasto a LED. Fonte di alimentazione esclusa. Cornice di installazione non necessaria. Lente ellittica inclusa.

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Elliptical lens included.

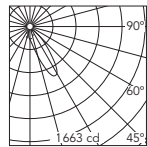
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K

- 05.7437.B1
- 05.7437.GL
- 05.7437.74
- 05.7437.EQ



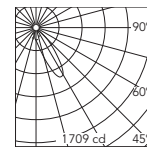
Luminous flux luminaire  
924 lm (EXTREME CUT OFF)  
@White (B1)

Beam Angle: 27°

h(m)	El(x)	D(m)
1	1663	0.62
2	416	1.24
3	185	1.85
4	104	2.47
5	67	3.09

### 3000K

- 05.7436.B1
- 05.7436.GL
- 05.7436.74
- 05.7436.EQ



Luminous flux luminaire  
950 lm (EXTREME CUT OFF)  
@White (B1)

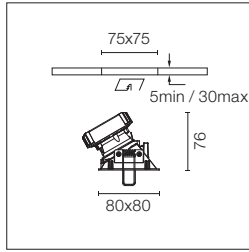
Beam Angle: 27°

h(m)	El(x)	D(m)
1	1709	0.62
2	427	1.24
3	190	1.85
4	107	2.47
5	68	3.09

# EASY KAP

## Easy Kap 80 Square Wall-Washer - Dim To Warm

**Light Source:** LED Array 13W - 1023 lm - 1800K - 2850K/CRI 95 - Dim To Warm

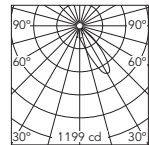


Incasso a LED. Fonte di alimentazione 220-240V e dimmerabile 1-10V inclusa. Per versioni con apparecchi a 110V, contattare il Front office. Cornice di installazione non necessaria. Lente diffusore incluso.

Recessed luminaire with LED light source. 220-240V & dimmable 1-10V power supply included. For 110V PSU versions, please consult with the front office. Installation frame not necessary. Diffusing lens included.

### 1800K-2850K

- 03.4198.B1.LE
- 03.4198.GL.LE
- 03.4198.74.LE
- 03.4198.EQ.LE



Beam Angle: 28°

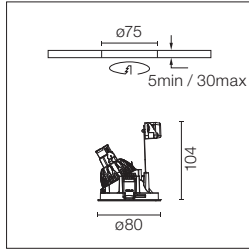
h(m)	E(lx)	D(m)
1	1199	0.68
2	300	1.37
3	133	2.05
4	75	2.74
5	48	3.42

Luminous flux luminaire  
723 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap Ø80 Wall-Washer

Light Source: LED QR-CBC 51 GX5.3



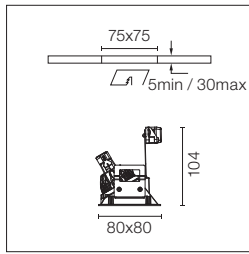
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Installation frame not necessary.  
Not suitable for lens accessories.

- 03.4220.B1
- 03.4220.GL
- 03.4220.74
- 03.4220.EQ

## Easy Kap 80 Square Wall-Washer

Light Source: LED QR-CBC 51 GX5.3



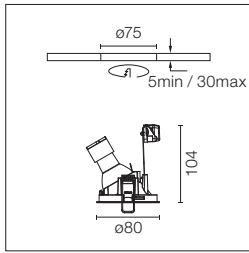
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Installation frame not necessary.  
Not suitable for lens accessories.

- 03.4218.B1
- 03.4218.GL
- 03.4218.74
- 03.4218.EQ

## Easy Kap Ø80 Wall-Washer

Light Source: LED PAR 16 GZ10



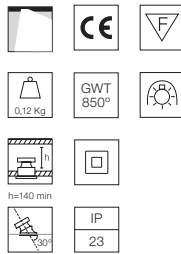
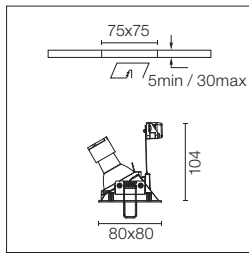
Incasso con alimentazione in tensione di rete. Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed luminaire with main voltage source. Installation frame not necessary.  
Not suitable for lens accessories.

- 03.4221.B1
- 03.4221.GL
- 03.4221.74
- 03.4221.EQ

## Easy Kap 80 Square Wall-Washer

Light Source: LED PAR 16 GZ10



Incasso con alimentazione in tensione di rete. Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

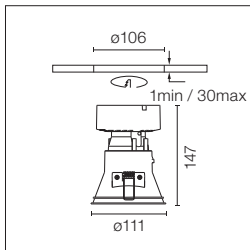
Recessed luminaire with main voltage source. Installation frame not necessary.  
Not suitable for lens accessories.

- 03.4219.B1
- 03.4219.GL
- 03.4219.74
- 03.4219.EQ

# EASY KAP

## Easy Kap Ø105 Fixed

Light Source: LED Array DC 650 mA - 23W - 2690 lm - 2700K/CRI 90 / 23W - 2870 lm - 3000K/CRI 90



GWT  
850°



Incasso a LED. Trasformatore remoto non incluso. Cornice di installazione non necessaria.

Recessed luminaire with LED light source. Remote transformer not included. Installation frame not necessary.



0.55 Kg



IP  
54



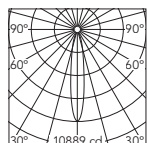
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9439
Dimmable Dali 2	RF30699
Casambi	60.9207
Mains Dimming	60.9692

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7000.B1
- 05.7000.GL
- 05.7000.74
- 05.7000.EQ



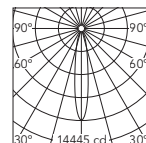
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	10889	0.30
2	2722	0.59
3	1210	0.89
4	681	1.18
5	436	1.48

Luminous flux luminaire  
1715 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 05.7005.B1
- 05.7005.GL
- 05.7005.74
- 05.7005.EQ



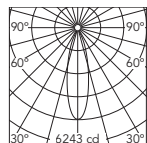
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	14445	0.30
2	3611	0.59
3	1605	0.89
4	903	1.18
5	578	1.48

Luminous flux luminaire  
2275 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 05.7001.B1
- 05.7001.GL
- 05.7001.74
- 05.7001.EQ



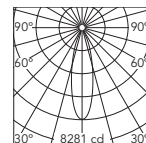
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	6243	0.48
2	1561	0.97
3	694	1.45
4	390	1.93
5	250	2.41

Luminous flux luminaire  
1675 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 05.7006.B1
- 05.7006.GL
- 05.7006.74
- 05.7006.EQ



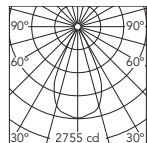
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	8281	0.48
2	2070	0.97
3	920	1.45
4	518	1.93
5	331	2.41

Luminous flux luminaire  
2222 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 05.7002.B1
- 05.7002.GL
- 05.7002.74
- 05.7002.EQ



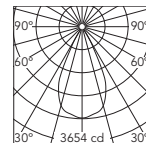
Beam Angle: 51°

h(m)	E(lx)	D(m)
1	2755	0.96
2	689	1.91
3	306	2.87
4	172	3.82
5	110	4.78

Luminous flux luminaire  
1815 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 05.7007.B1
- 05.7007.GL
- 05.7007.74
- 05.7007.EQ



Beam Angle: 51°

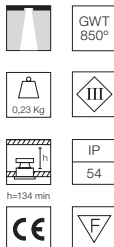
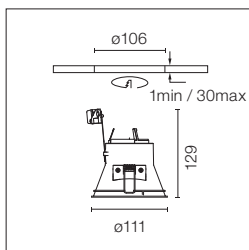
h(m)	E(lx)	D(m)
1	3654	0.96
2	914	1.91
3	406	2.87
4	228	3.82
5	146	4.78

Luminous flux luminaire  
2407 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap Ø105 Fixed EVO

Light Source: LED QR-CBC 51 GX5.3



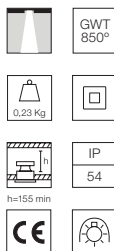
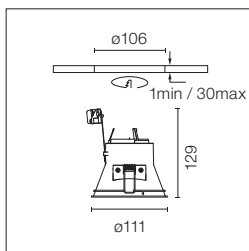
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Per sostituire la lampadina,  
l'apparecchio deve essere tirato  
fuori.  
Cornice di installazione non  
necessaria.  
Accessori per lenti non disponibili.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
To replace the bulb, the luminaire  
must be removed.  
Installation frame not necessary.  
Not suitable for lens accessories.

05.7030.B1  
 05.7030.GL  
 05.7030.74  
 05.7030.EQ

## Easy Kap Ø105 Fixed EVO

Light Source: LED PAR 16 GZ10



Incasso con alimentazione in  
tensione di rete.  
Per sostituire la lampadina,  
l'apparecchio deve essere tirato  
fuori.  
Cornice di installazione non  
necessaria.  
Accessori per lenti non disponibili.

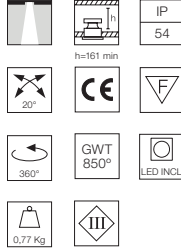
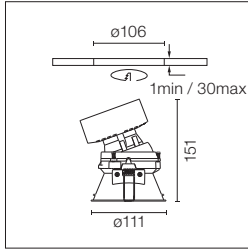
Recessed luminaire with main  
voltage source.  
To replace the bulb, the luminaire  
must be removed.  
Installation frame not necessary.  
Not suitable for lens accessories.

05.7031.B1  
 05.7031.GL  
 05.7031.74  
 05.7031.EQ

# EASY KAP

## Easy Kap Ø105 Adjustable

Light Source: LED Array DC 650 mA - 23W - 2690 lm - 2700K/CRI 90 / 23W - 2870 lm - 3000K/CRI 90



Incasso a LED. Trasformatore remoto non incluso. Cornice di installazione non necessaria.

Recessed luminaire with LED light source. Remote transformer not included. Installation frame not necessary.

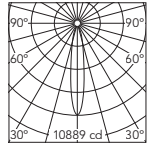
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9439
Dimmable Dali 2	RF30699
Casambi	60.9207
Mains Dimming	60.9692

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7010.B1
- 05.7010.GL
- 05.7010.74
- 05.7010.EQ



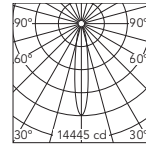
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	10889	0.30
2	2722	0.59
3	1210	0.89
4	681	1.18
5	436	1.48

Luminous flux luminaire  
1715 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 05.7015.B1
- 05.7015.GL
- 05.7015.74
- 05.7015.EQ



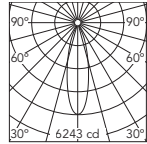
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	14445	0.30
2	3611	0.59
3	1605	0.89
4	903	1.18
5	578	1.48

Luminous flux luminaire  
2275 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 2700K

- 05.7011.B1
- 05.7011.GL
- 05.7011.74
- 05.7011.EQ



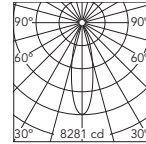
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	6243	0.48
2	1561	0.97
3	694	1.45
4	390	1.93
5	250	2.41

Luminous flux luminaire  
1675 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Medium 3000K

- 05.7016.B1
- 05.7016.GL
- 05.7016.74
- 05.7016.EQ



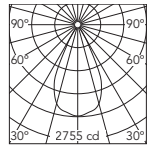
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	8281	0.48
2	2070	0.97
3	920	1.45
4	518	1.93
5	331	2.41

Luminous flux luminaire  
2222 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 2700K

- 05.7012.B1
- 05.7012.GL
- 05.7012.74
- 05.7012.EQ



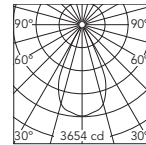
Beam Angle: 51°

h(m)	E(lx)	D(m)
1	2755	0.96
2	689	1.91
3	306	2.87
4	172	3.82
5	110	4.78

Luminous flux luminaire  
1815 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Flood 3000K

- 05.7017.B1
- 05.7017.GL
- 05.7017.74
- 05.7017.EQ



Beam Angle: 51°

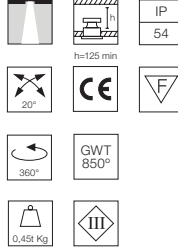
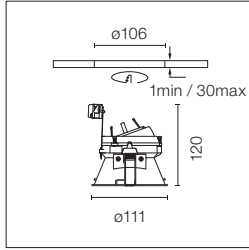
h(m)	E(lx)	D(m)
1	3654	0.96
2	914	1.91
3	406	2.87
4	228	3.82
5	146	4.78

Luminous flux luminaire  
2407 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap Ø105 Adjustable

Light Source: LED QR-CBC 51 GX5.3



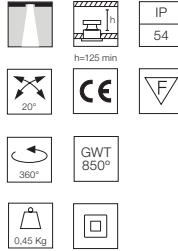
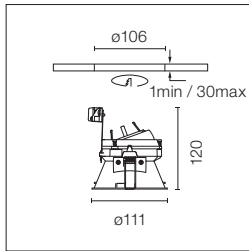
Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed 12V lamp luminaire.  
Remote transformer not included.  
Installation frame not necessary.  
Not suitable for lens accessories.

05.7035.B1  
 05.7035.GL  
 05.7035.74  
 05.7035.EQ

## Easy Kap Ø105 Adjustable

Light Source: LED PAR 16 GZ10



Incasso con alimentazione in tensione di rete.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed luminaire with main voltage source.  
Installation frame not necessary.  
Not suitable for lens accessories.

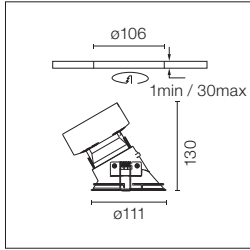
05.7036.B1  
 05.7036.GL  
 05.7036.74  
 05.7036.EQ



# EASY KAP

## Easy Kap Ø105 Wall-Washer

**Light Source:** LED Array DC 650 mA - 23W - 2690 lm - 2700K/CRI 90 / 23W - 2870 lm - 3000K/CRI 90



Incasso a LED. Trasformatore elettronico remoto 220/240V non incluso.  
Cornice di installazione non necessaria.

Recessed luminaire with LED light source. Remote electronic transformer 220/240V not included. Installation frame not necessary.

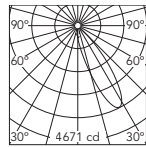
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9439
Dimmable Dali 2	RF30699
Casambi	60.9207
Mains Dimming	60.9692

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### Optic Spot 2700K

- 05.7020.B1
- 05.7020.GL
- 05.7020.74
- 05.7020.EQ



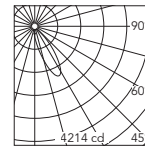
Beam Angle: 26°

h(m)	E(lx)	D(m)
1	4671	0.58
2	1168	1.15
3	519	1.73
4	292	2.31
5	187	2.89

Luminous flux luminaire  
1621 lm (EXTREME CUT OFF)  
@White (B1)

### Optic Spot 3000K

- 05.7021.B1
- 05.7021.GL
- 05.7021.74
- 05.7021.EQ



Beam Angle: 28°

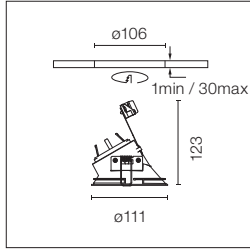
h(m)	E(lx)	D(m)
1	4214	0.63
2	1054	1.26
3	468	1.89
4	263	2.52
5	169	3.16

\* Luminous flux luminaire  
1898 lm (EXTREME CUT OFF)  
@White (B1)

# EASY KAP

## Easy Kap Ø105 Wall-Washer

Light Source: LED QR-CBC 51 GX5.3



Incasso per lampada di 12V.  
Trasformatore remoto non incluso.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

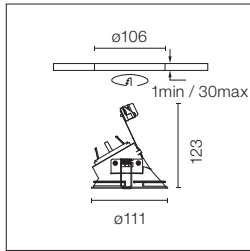
Recessed 12V lamp luminaire.  
Remote transformer not included.  
Installation frame not necessary.  
Not suitable for lens accessories.



- 05.7040.B1
- 05.7040.GL
- 05.7040.74
- 05.7040.EQ

## Easy Kap Ø105 Wall-Washer

Light Source: LED PAR 16 GZ10



Incasso con alimentazione in tensione di rete.  
Cornice di installazione non necessaria.  
Accessori per lenti non disponibili.

Recessed luminaire with main voltage source.  
Installation frame not necessary.  
Not suitable for lens accessories.



- 05.7041.B1
- 05.7041.GL
- 05.7041.74
- 05.7041.EQ



# BON JOUR

DESIGNED BY PHILIPPE STARCK

BON JOUR  
Ø45



**LIGHT SOURCE**  
POWER LED  
6W  
524 lm  
2700K/CRI 90  
605 lm  
3000K/CRI 90

BON JOUR  
Ø90



**LIGHT SOURCE**  
LED ARRAY  
13,5W  
1500 lm  
2700K/CRI 90  
16W  
2093 lm  
3000K/CRI 90

BON JOUR  
Ø145



**LIGHT SOURCE**  
LED ARRAY  
36W  
3847 lm  
2700K/CRI 90  
3840 lm  
3000K/CRI 90

01 Bianco  
01 White

CU Rame  
CU Copper

14 Nero  
14 Black



## Descrizione

Apparecchio per illuminazione per il montaggio in controsoffitti. Una volta installato, il bordo dell'apparecchio sporge dal soffitto di 10 mm creando un effetto estetico originale e molto raffinato. Il corpo dell'apparecchio per illuminazione è in alluminio a iniezione. È disponibile in tre dimensioni: Ø45 mm, Ø90 mm e Ø145 mm. Riflettore in alluminio anodizzato lucido con elemento diffusore in policarbonato.

## Unità di Alimentazione

Cablaggio incluso, pronto per collegamento ad apparecchiatura remota. Disponibile versione Dalì dimmerabile. Versioni senza driver e con driver da 110V disponibili su richiesta.

## Accessori

- Cornice di installazione in materiale termoplastico per l'installazione in controsoffitti necessario per le versioni da Ø90 mm e Ø145 mm (non necessario per la versione da Ø45 mm).
- Nido d'ape e cilindro di schermatura a croce (inclusi nella versione da Ø45 mm).
- Accessori di schermatura disponibili per la versione Ø145, con le stesse finiture dell'apparecchio di illuminazione Bon Jour decorativo. Vedere il catalogo Flos "The Home Collection" per maggiori dettagli.

## Informazioni Aggiuntive

Grado di protezione IP44.  
Classe di isolamento II.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

LED luminaire for recessed mounting on plasterboard ceilings. Once installed, the luminaire edge sticks out of the ceiling 10 mm creating a unique and very refined aesthetic effect. The luminaire's body is injected with aluminium. It is available in three sizes: Ø45 mm, Ø90 mm and Ø145 mm. Reflector made of anodized gloss aluminium with diffuser element made of polycarbonate.

## Power Supply

Cabling included, ready to be powered by included remote driver. Dalì dimmable version available. Versions without driver and 110V driver available on request.

## Accessories

- Installation frame made from thermoplastic material for installation in suspended ceilings required for the Ø90 mm and Ø145 mm versions (not necessary for Ø45 mm version).
- Honeycomb and cross screening cylinder (included for Ø45 mm version).
- Screening accessories available for the Ø145 version, with the same finishes as the decorative Bon Jour luminaire. See the Flos "The Home Collection" catalogue for more information.

## Additional Information

IP44 protection grade.  
Insulation class II.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ø45

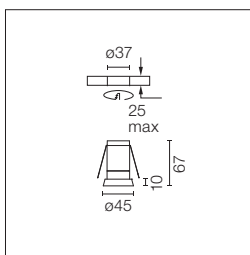


Ø90 / Ø145

# BON JOUR

## Bon Jour Ø45

Light Source: Power LED DC 400 mA - 6W - 524 lm - 2700K/CRI 90 / 6W - 605 lm - 3000K/CRI 90



GWT 850°  
 IP 44  
 0.13 Kg  
 TFC EE  
 DALI  
 LED INCL  
 CE  
 h=67 min

Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa. Accesso al driver attraverso lo spazio di incasso.

Recessed luminaire with LED light source. Remote 220/240V power supply included. It is necessary to anticipate a space for accessing the driver.

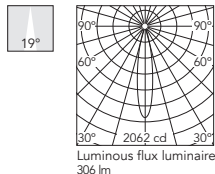
Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

### 2700K

Non Dimmable

- 03.2001.01B
- Dali Version
- 03.2001.01BDA



Beam Angle: 19°

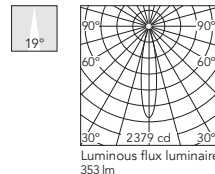
h(m)	E(lx)	D(m)
1	2062	0.34
2	516	0.68
3	229	1.02
4	129	1.36
5	82	1.70

Luminous flux luminaire 306 lm

### 3000K

Non Dimmable

- 03.2006.01B
- Dali Version
- 03.2006.01BDA



Beam Angle: 19°

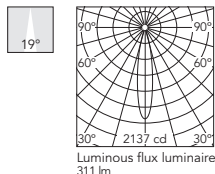
h(m)	E(lx)	D(m)
1	2379	0.34
2	595	0.68
3	264	1.02
4	149	1.36
5	95	1.70

Luminous flux luminaire 353 lm

### 2700K

Non Dimmable

- 03.2001.CUB
- Dali Version
- 03.2001.CUBDA



Beam Angle: 19°

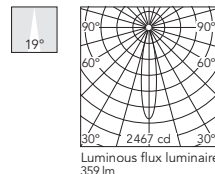
h(m)	E(lx)	D(m)
1	2137	0.34
2	534	0.67
3	237	1.01
4	134	1.34
5	85	1.68

Luminous flux luminaire 311 lm

### 3000K

Non Dimmable

- 03.2006.CUB
- Dali Version
- 03.2006.CUBDA



Beam Angle: 19°

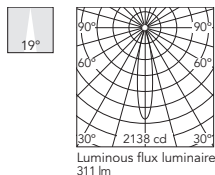
h(m)	E(lx)	D(m)
1	2467	0.34
2	617	0.67
3	274	1.01
4	154	1.34
5	99	1.68

Luminous flux luminaire 359 lm

### 2700K

Non Dimmable

- 03.2001.14B
- Dali Version
- 03.2001.14BDA



Beam Angle: 19°

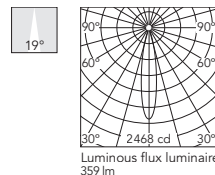
h(m)	E(lx)	D(m)
1	2138	0.34
2	534	0.67
3	238	1.01
4	134	1.34
5	86	1.68

Luminous flux luminaire 311 lm

### 3000K

Non Dimmable

- 03.2006.14B
- Dali Version
- 03.2006.14BDA



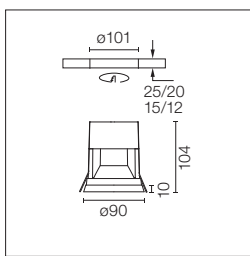
Beam Angle: 19°

h(m)	E(lx)	D(m)
1	2468	0.34
2	617	0.67
3	274	1.01
4	154	1.34
5	99	1.68

Luminous flux luminaire 359 lm

## Bon Jour Ø90

Light Source: LED Array DC 500 mA - 13,5W - 1500 lm - 2700K/CRI 90 / 400 mA - 16W - 2093 lm - 3000K/CRI 90



GWT 850°  
 IP 44  
 0.53 Kg  
 TFC EE  
 DALI  
 LED INCL  
 CE  
 h=155 min

Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

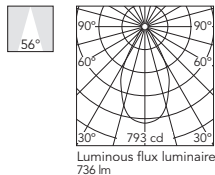
Cornice di pre-installazione da ordinare separatamente.

Pre-installation frame must be ordered separately.

### 2700K

Non Dimmable

- 03.2003.01
- Dali Version
- 03.2003.01.DA



Beam Angle: 56°

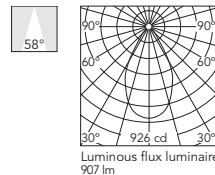
h(m)	E(lx)	D(m)
1	793	1.07
2	198	2.14
3	88	3.21
4	50	4.28
5	32	5.35

Luminous flux luminaire 736 lm

### 3000K

Non Dimmable

- 03.2007.01A
- Dali Version
- 03.2007.01ADA



Beam Angle: 58°

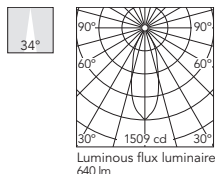
h(m)	E(lx)	D(m)
1	926	1.11
2	232	2.21
3	103	3.32
4	58	4.42
5	37	5.53

Luminous flux luminaire 907 lm

### 2700K

Non Dimmable

- 03.2003.CU
- Dali Version
- 03.2003.CU.DA



Beam Angle: 34°

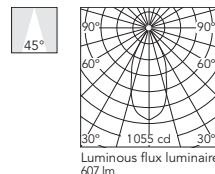
h(m)	E(lx)	D(m)
1	1509	0.60
2	377	1.21
3	168	1.81
4	94	2.42
5	60	3.02

Luminous flux luminaire 640 lm

### 3000K

Non Dimmable

- 03.2007.CUA
- Dali Version
- 03.2007.CUADA



Beam Angle: 45°

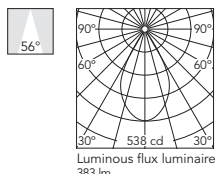
h(m)	E(lx)	D(m)
1	1055	0.82
2	264	1.65
3	117	2.47
4	66	3.30
5	42	4.12

Luminous flux luminaire 607 lm

### 2700K

Non Dimmable

- 03.2003.14
- Dali Version
- 03.2003.14.DA



Beam Angle: 56°

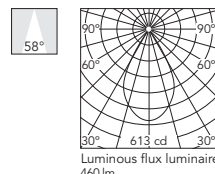
h(m)	E(lx)	D(m)
1	538	1.07
2	135	2.15
3	60	3.22
4	34	4.29
5	22	5.37

Luminous flux luminaire 383 lm

### 3000K

Non Dimmable

- 03.2007.14A
- Dali Version
- 03.2007.14ADA



Beam Angle: 58°

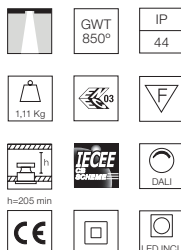
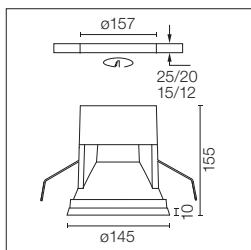
h(m)	E(lx)	D(m)
1	613	1.10
2	153	2.21
3	68	3.31
4	38	4.42
5	25	5.52

Luminous flux luminaire 460 lm

# BON JOUR

## Bon Jour Ø145

Light Source: LED Array DC 900 mA - 36W - 3847 lm - 2700K/CRI 90 / 36W - 3840 lm - 3000K/CRI 90



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

Cornice di pre-installazione da ordinare separatamente.

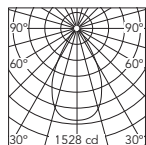
Recessed luminaire with LED light source. Remote 220/240V power supply included.

Pre-installation frame must be ordered separately.

### 2700K

Non Dimmable

- 03.2005.01A
- Dali Version
- 03.2005.01ADA



Beam Angle: 58°

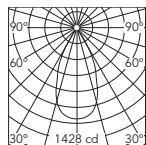
h(m)	E(lx)	D(m)
1	1528	1.10
2	382	2.20
3	170	3.29
4	96	4.39
5	61	5.49

Luminous flux luminaire 1530 lm

### 2700K

Non Dimmable

- 03.2005.CUA
- Dali Version
- 03.2005.CUADA



Beam Angle: 49°

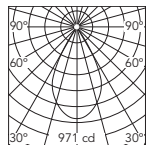
h(m)	E(lx)	D(m)
1	1428	0.91
2	357	1.83
3	159	2.74
4	89	3.65
5	57	4.57

Luminous flux luminaire 891 lm

### 2700K

Non Dimmable

- 03.2005.14A
- Dali Version
- 03.2005.14ADA



Beam Angle: 56°

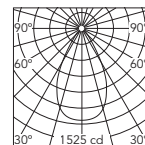
h(m)	E(lx)	D(m)
1	971	1.05
2	243	2.11
3	108	3.16
4	61	4.22
5	39	5.27

Luminous flux luminaire 695 lm

### 3000K

Non Dimmable

- 03.2008.01A
- Dali Version
- 03.2008.01ADA



Beam Angle: 58°

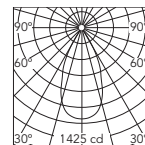
h(m)	E(lx)	D(m)
1	1525	1.10
2	381	2.20
3	169	3.29
4	95	4.39
5	61	5.49

Luminous flux luminaire 1527 lm

### 3000K

Non Dimmable

- 03.2008.CUA
- Dali Version
- 03.2008.CUADA



Beam Angle: 49°

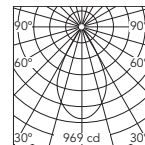
h(m)	E(lx)	D(m)
1	1425	0.91
2	356	1.83
3	158	2.74
4	89	3.65
5	57	4.57

Luminous flux luminaire 889 lm

### 3000K

Non Dimmable

- 03.2008.14A
- Dali Version
- 03.2008.14ADA



Beam Angle: 56°


h(m)	E(lx)	D(m)
1	969	1.05
2	242	2.11
3	108	3.16
4	61	4.22
5	39	5.27

Luminous flux luminaire 693 lm

## Accessori / Accessories


### Bon Jour Ø90

---

Cornice di pre-installazione.  08.8974.00  
Pre-installation frame.

---


Honeycomb e filtro a croce antiabbagliamento.  08.8976.14

Honeycomb and screening crosspiece. 

---


### Bon Jour Ø145

---

Cornice di pre-installazione.  08.8975.00  
Pre-installation frame.

---

Honeycomb e filtro a croce antiabbagliamento.  08.8980.14

Honeycomb and screening crosspiece. 

---

Accessori decorativi di schermatura.  08.8977.00

Decorative screening accessory.  08.8978.00

 08.8979.00

---

# UT DOWNLIGHT

DESIGNED BY FLOS ARCHITECTURAL

TRIM / NO TRIM  
Ø 57



**LIGHT SOURCE**

LED ARRAY  
18W  
2000 lm  
3000K/CRI 80  
1600 lm  
3000K/CRI 90  
4000K/CRI 90

TRIM / NO TRIM  
Ø 86



**LIGHT SOURCE**

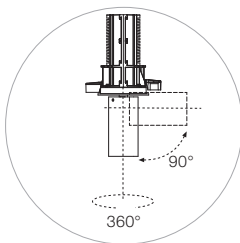
LED ARRAY  
HIGH  
PERFORMANCES  
27W  
3214 lm  
3000K/CRI 80  
2656 lm  
3000K/CRI 90  
2767 lm  
4000K/CRI 90

□ 30 Bianco  
30 White

■ 14 Nero  
14 Black



Può essere ruotato di 360° e orientato di 90°.  
Can be rotated 360° and swivelled 90°.





# UT DOWNLIGHT

## Descrizione

Apparecchio di illuminazione per installazione a incasso con sorgenti luminose a tecnologia LED di alta potenza e inversione Dali e No Dali.

La famiglia è disponibile in due misure (Ø57 e Ø86).

In posizione superiore funziona come downlight e in posizione inferiore funziona come proiettore orientabile. Il corpo ottico dell'apparecchio di illuminazione è fabbricato in alluminio iniettato ad alta pressione, rifinito con vernice a polvere di colore bianco e nero.

Apparecchiatura di alimentazione remota inclusa.

## Unità di Alimentazione

Alimentatore a corrente continua non regolabile o regolabile Dali 220-240V compreso.

## Accessori

- Disponibili filtro a croce antiabbagliamento, lente ellittica, lente Flood e Honeycomb.
- Cornice di installazione No Trim.

## Informazioni Aggiuntive

Grado di protezione IP20.

Classe di isolamento II.

Adatti ad installazioni su superfici normalmente.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Interior lighting for embedded installation with high power LED technology light sources, in Dali and Non Dali versions.

The family is available in two sizes (Ø57 and Ø86).

In an upper position it functions as a downlight, and in a lower position it functions as a swivelling projector.

The optical body of the luminaire is manufactured in high-pressure die-cast aluminium, finished in black or white powder paint.

Remote power kit included.

## Power Supply

Not dimmable or dimmable Dali 220-240V, constant current, power supply included.

## Accessories

- Screening crosspiece, elliptical lens, flood lens and Honeycomb.
- No Trim installation frame.

## Additional Information

IP20 protection grade.

Insulation class II.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Trim

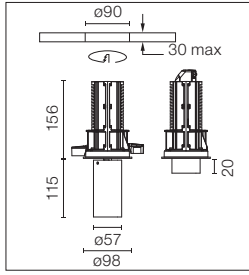


No Trim

# UT DOWNLIGHT

## Ut Downlight Trim Ø57

Light Source: LED Array 18W - 2000 lm - 3000K/CRI 80 / 18W - 1600 lm - 3000K/CRI 90 / 18W - 1600 lm - 4000K/CRI 90

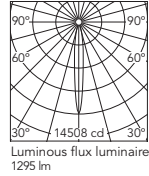


Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220-240V, 50-60Hz inclusa.

Recessed luminaire with LED light source. 220-240V, 50-60Hz remote power supply included.

### 3000K - CRI 80

- Non Dimmable  
 09.4510.30A  
 09.4510.14A  
 Dali Version  
 09.4510.30ADA  
 09.4510.14ADA



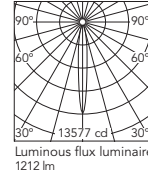
Beam Angle: 11°

h(m)	E(lx)	D(m)
1	14508	0.19
2	3627	0.39
3	1612	0.58
4	907	0.77
5	580	0.97

Luminous flux luminaire 1295 lm

### 4000K - CRI 90

- Non Dimmable  
 09.4516.30A  
 09.4516.14A  
 Dali Version  
 09.4516.30ADA  
 09.4516.14ADA



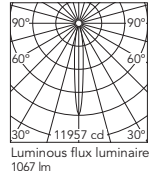
Beam Angle: 11°

h(m)	E(lx)	D(m)
1	13577	0.19
2	3394	0.39
3	1509	0.58
4	849	0.77
5	543	0.97

Luminous flux luminaire 1212 lm

### 3000K - CRI 90

- Non Dimmable  
 09.4513.30A  
 09.4513.14A  
 Dali Version  
 09.4513.30ADA  
 09.4513.14ADA



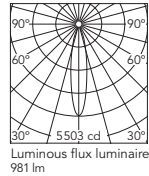
Beam Angle: 11°

h(m)	E(lx)	D(m)
1	11957	0.19
2	2989	0.39
3	1329	0.58
4	747	0.77
5	478	0.97

Luminous flux luminaire 1067 lm

### 3000K - CRI 80

- Non Dimmable  
 09.4511.30A  
 09.4511.14A  
 Dali Version  
 09.4511.30ADA  
 09.4511.14ADA



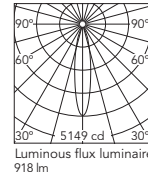
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5503	0.36
2	1376	0.72
3	611	1.09
4	344	1.45
5	220	1.81

Luminous flux luminaire 981 lm

### 4000K - CRI 90

- Non Dimmable  
 09.4517.30A  
 09.4517.14A  
 Dali Version  
 09.4517.30ADA  
 09.4517.14ADA



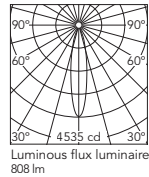
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5149	0.36
2	1287	0.72
3	572	1.09
4	322	1.45
5	206	1.81

Luminous flux luminaire 918 lm

### 3000K - CRI 90

- Non Dimmable  
 09.4514.30A  
 09.4514.14A  
 Dali Version  
 09.4514.30ADA  
 09.4514.14ADA



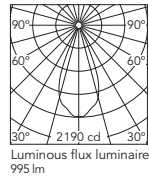
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	4535	0.36
2	1134	0.72
3	504	1.09
4	283	1.45
5	181	1.81

Luminous flux luminaire 808 lm

### 3000K - CRI 80

- Non Dimmable  
 09.4512.30A  
 09.4512.14A  
 Dali Version  
 09.4512.30ADA  
 09.4512.14ADA



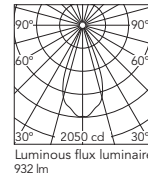
Beam Angle: 43°

h(m)	E(lx)	D(m)
1	2190	0.79
2	548	1.58
3	243	2.37
4	137	3.16
5	88	3.95

Luminous flux luminaire 995 lm

### 4000K - CRI 90

- Non Dimmable  
 09.4518.30A  
 09.4518.14A  
 Dali Version  
 09.4518.30ADA  
 09.4518.14ADA



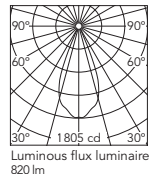
Beam Angle: 43°

h(m)	E(lx)	D(m)
1	2050	0.79
2	512	1.58
3	228	2.37
4	128	3.16
5	82	3.95

Luminous flux luminaire 932 lm

### 3000K - CRI 90

- Non Dimmable  
 09.4515.30A  
 09.4515.14A  
 Dali Version  
 09.4515.30ADA  
 09.4515.14ADA



Beam Angle: 43°

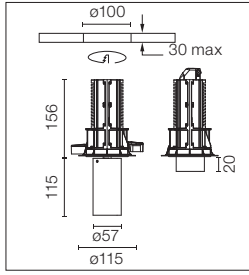
h(m)	E(lx)	D(m)
1	1805	0.79
2	451	1.58
3	201	2.37
4	113	3.16
5	72	3.95

Luminous flux luminaire 820 lm

# UT DOWNLIGHT

## Ut Downlight No Trim Ø57

Light Source: LED Array 18W - 2000 lm - 3000K/CRI 80 / 18W - 1600 lm - 3000K/CRI 90 / 18W - 1600 lm - 4000K/CRI 90



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220-240V, 50-60Hz inclusa.

Cornice di pre-installazione da ordinare separatamente.

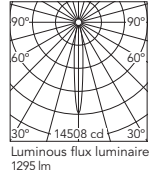
Recessed luminaire with LED light source. 220-240V, 50-60Hz remote power supply included.

Pre-installation frame must be ordered separately.

### 3000K - CRI 80

Non Dimmable

- 09.4519.30A
- 09.4519.14A
- Dali Version
- 09.4519.30ADA
- 09.4519.14ADA



Beam Angle: 11°

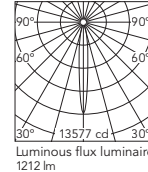
h(m)	E(lx)	D(m)
1	14508 0.19	
2	3627 0.39	
3	1612 0.58	
4	907 0.77	
5	580 0.97	

Luminous flux luminaire 1295 lm

### 4000K - CRI 90

Non Dimmable

- 09.4525.30A
- 09.4525.14A
- Dali Version
- 09.4525.30ADA
- 09.4525.14ADA



Beam Angle: 11°

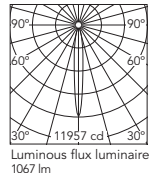
h(m)	E(lx)	D(m)
1	13577 0.19	
2	3394 0.39	
3	1509 0.58	
4	849 0.77	
5	543 0.97	

Luminous flux luminaire 1212 lm

### 3000K - CRI 90

Non Dimmable

- 09.4522.30A
- 09.4522.14A
- Dali Version
- 09.4522.30ADA
- 09.4522.14ADA



Beam Angle: 11°

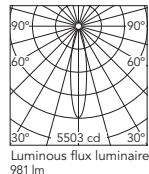
h(m)	E(lx)	D(m)
1	11957 0.19	
2	2989 0.39	
3	1329 0.58	
4	747 0.77	
5	478 0.97	

Luminous flux luminaire 1067 lm

### 3000K - CRI 80

Non Dimmable

- 09.4520.30A
- 09.4520.14A
- Dali Version
- 09.4520.30ADA
- 09.4520.14ADA



Beam Angle: 21°

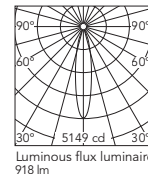
h(m)	E(lx)	D(m)
1	5503 0.36	
2	1376 0.72	
3	611 1.09	
4	344 1.45	
5	220 1.81	

Luminous flux luminaire 981 lm

### 4000K - CRI 90

Non Dimmable

- 09.4526.30A
- 09.4526.14A
- Dali Version
- 09.4526.30ADA
- 09.4526.14ADA



Beam Angle: 21°

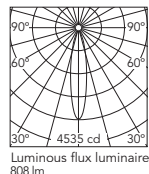
h(m)	E(lx)	D(m)
1	5149 0.36	
2	1287 0.72	
3	572 1.09	
4	322 1.45	
5	206 1.81	

Luminous flux luminaire 918 lm

### 3000K - CRI 90

Non Dimmable

- 09.4523.30A
- 09.4523.14A
- Dali Version
- 09.4523.30ADA
- 09.4523.14ADA



Beam Angle: 21°

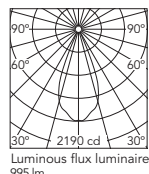
h(m)	E(lx)	D(m)
1	4535 0.36	
2	1134 0.72	
3	504 1.09	
4	283 1.45	
5	181 1.81	

Luminous flux luminaire 808 lm

### 3000K - CRI 80

Non Dimmable

- 09.4521.30A
- 09.4521.14A
- Dali Version
- 09.4521.30ADA
- 09.4521.14ADA



Beam Angle: 43°

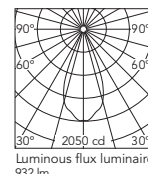
h(m)	E(lx)	D(m)
1	2190 0.79	
2	548 1.58	
3	243 2.37	
4	137 3.16	
5	88 3.95	

Luminous flux luminaire 995 lm

### 4000K - CRI 90

Non Dimmable

- 09.4527.30A
- 09.4527.14A
- Dali Version
- 09.4527.30ADA
- 09.4527.14ADA



Beam Angle: 43°

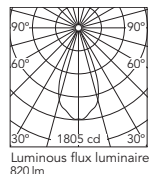
h(m)	E(lx)	D(m)
1	2050 0.79	
2	512 1.58	
3	228 2.37	
4	128 3.16	
5	82 3.95	

Luminous flux luminaire 932 lm

### 3000K - CRI 90

Non Dimmable

- 09.4524.30A
- 09.4524.14A
- Dali Version
- 09.4524.30ADA
- 09.4524.14ADA



Beam Angle: 43°

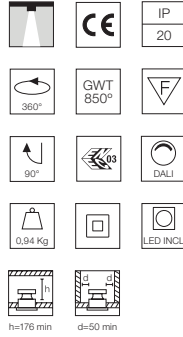
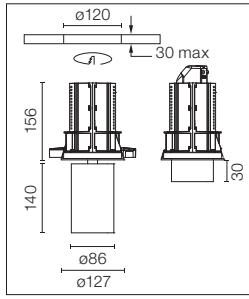
h(m)	E(lx)	D(m)
1	1805 0.79	
2	451 1.58	
3	201 2.37	
4	113 3.16	
5	72 3.95	

Luminous flux luminaire 820 lm

# UT DOWNLIGHT

## Ut Downlight Trim Ø86

**Light Source:** LED Array High Performances 27W - 3214 lm - 3000K/CRI 80 / 27W - 2656 lm - 3000K/CRI 90 / 27W - 2767 lm - 4000K/CRI 90



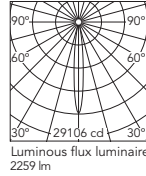
Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220-240V, 50-60Hz inclusa.

Recessed luminaire with LED light source. 220-240V, 50-60Hz remote power supply included.

### 3000K - CRI 80

Non Dimmable

- 09.4910.30A
- 09.4910.14A
- Dali Version
- 09.4910.30BDA
- 09.4910.14BDA



Beam Angle: 12°

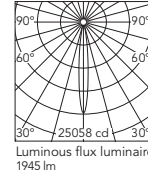
h(m)	E(lx)	D(m)
1	29106	0.21
2	7277	0.41
3	3234	0.62
4	1819	0.82
5	1164	1.03

Luminous flux luminaire 2259 lm

### 4000K - CRI 90

Non Dimmable

- 09.4916.30A
- 09.4916.14A
- Dali Version
- 09.4916.30BDA
- 09.4916.14BDA



Beam Angle: 12°

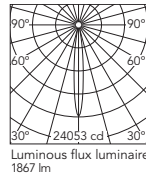
h(m)	E(lx)	D(m)
1	25058	0.21
2	6265	0.41
3	2784	0.62
4	1566	0.82
5	1002	1.03

Luminous flux luminaire 1945 lm

### 3000K - CRI 90

Non Dimmable

- 09.4913.30A
- 09.4913.14A
- Dali Version
- 09.4913.30BDA
- 09.4913.14BDA



Beam Angle: 12°

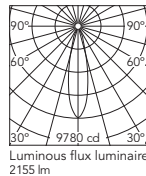
h(m)	E(lx)	D(m)
1	24053	0.21
2	6013	0.41
3	2673	0.62
4	1503	0.82
5	962	1.03

Luminous flux luminaire 1867 lm

### 3000K - CRI 80

Non Dimmable

- 09.4911.30A
- 09.4911.14A
- Dali Version
- 09.4911.30BDA
- 09.4911.14BDA



Beam Angle: 24°

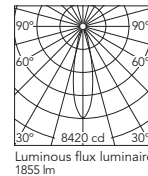
h(m)	E(lx)	D(m)
1	9780	0.43
2	2445	0.86
3	1087	1.28
4	611	1.71
5	391	2.14

Luminous flux luminaire 2155 lm

### 4000K - CRI 90

Non Dimmable

- 09.4917.30A
- 09.4917.14A
- Dali Version
- 09.4917.30BDA
- 09.4917.14BDA



Beam Angle: 24°

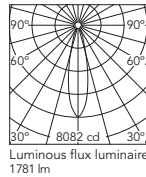
h(m)	E(lx)	D(m)
1	8420	0.43
2	2105	0.86
3	936	1.28
4	526	1.71
5	337	2.14

Luminous flux luminaire 1855 lm

### 3000K - CRI 90

Non Dimmable

- 09.4914.30A
- 09.4914.14A
- Dali Version
- 09.4914.30BDA
- 09.4914.14BDA



Beam Angle: 24°

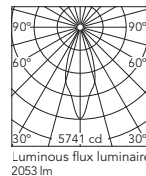
h(m)	E(lx)	D(m)
1	8082	0.43
2	2020	0.86
3	898	1.28
4	505	1.71
5	323	2.14

Luminous flux luminaire 1781 lm

### 3000K - CRI 80

Non Dimmable

- 09.4912.30A
- 09.4912.14A
- Dali Version
- 09.4912.30BDA
- 09.4912.14BDA



Beam Angle: 37°

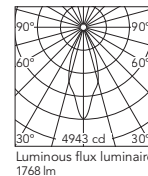
h(m)	E(lx)	D(m)
1	5741	0.67
2	1435	1.34
3	638	2.01
4	359	2.69
5	230	3.36

Luminous flux luminaire 2053 lm

### 4000K - CRI 90

Non Dimmable

- 09.4918.30A
- 09.4918.14A
- Dali Version
- 09.4918.30BDA
- 09.4918.14BDA



Beam Angle: 37°

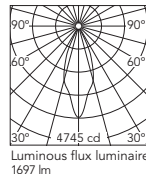
h(m)	E(lx)	D(m)
1	4943	0.67
2	1236	1.34
3	549	2.01
4	309	2.69
5	198	3.36

Luminous flux luminaire 1768 lm

### 3000K - CRI 90

Non Dimmable

- 09.4915.30A
- 09.4915.14A
- Dali Version
- 09.4915.30BDA
- 09.4915.14BDA



Beam Angle: 37°

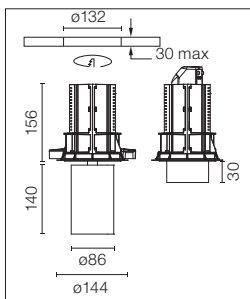
h(m)	E(lx)	D(m)
1	4745	0.67
2	1186	1.34
3	527	2.01
4	297	2.69
5	190	3.36

Luminous flux luminaire 1697 lm

# UT DOWNLIGHT

## Ut Downlight No Trim Ø86

Light Source: LED Array High Performances 27W - 3214 lm - 3000K/CRI 80 / 27W - 2656 lm - 3000K/CRI 90 / 27W - 2767 lm - 4000K/CRI 90



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220-240V, 50-60Hz inclusa.

Recessed luminaire with LED light source. 220-240V, 50-60Hz remote power supply included.

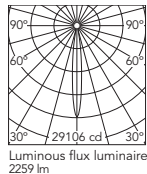
Cornice di pre-installazione da ordinare separatamente.

Pre-installation frame must be ordered separately.

### 3000K - CRI 80

Non Dimmable

- 09.4919.30A
- 09.4919.14A
- Dali Version
- 09.4919.30BDA
- 09.4919.14BDA



Beam Angle: 12°

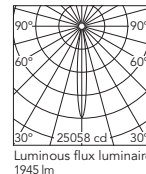
h(m)	E(lx)	D(m)
1	29106	0.21
2	7277	0.41
3	3234	0.62
4	1819	0.82
5	1164	1.03

Luminous flux luminaire 2259 lm

### 4000K - CRI 90

Non Dimmable

- 09.4925.30A
- 09.4925.14A
- Dali Version
- 09.4925.30BDA
- 09.4925.14BDA



Beam Angle: 12°

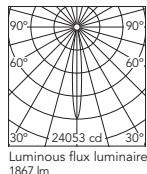
h(m)	E(lx)	D(m)
1	25058	0.21
2	6265	0.41
3	2784	0.62
4	1566	0.82
5	1002	1.03

Luminous flux luminaire 1945 lm

### 3000K - CRI 90

Non Dimmable

- 09.4922.30A
- 09.4922.14A
- Dali Version
- 09.4922.30BDA
- 09.4922.14BDA



Beam Angle: 12°

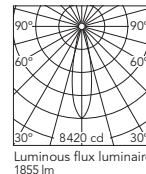
h(m)	E(lx)	D(m)
1	24053	0.21
2	6013	0.41
3	2673	0.62
4	1503	0.82
5	962	1.03

Luminous flux luminaire 1867 lm

### 4000K - CRI 90

Non Dimmable

- 09.4926.30A
- 09.4926.14A
- Dali Version
- 09.4926.30BDA
- 09.4926.14BDA



Beam Angle: 24°

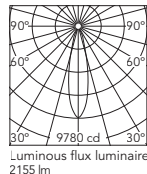
h(m)	E(lx)	D(m)
1	8420	0.43
2	2105	0.86
3	936	1.28
4	526	1.71
5	337	2.14

Luminous flux luminaire 1855 lm

### 3000K - CRI 80

Non Dimmable

- 09.4920.30A
- 09.4920.14A
- Dali Version
- 09.4920.30BDA
- 09.4920.14BDA



Beam Angle: 24°

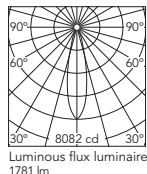
h(m)	E(lx)	D(m)
1	9780	0.43
2	2445	0.86
3	1087	1.28
4	611	1.71
5	391	2.14

Luminous flux luminaire 2155 lm

### 3000K - CRI 90

Non Dimmable

- 09.4923.30A
- 09.4923.14A
- Dali Version
- 09.4923.30BDA
- 09.4923.14BDA



Beam Angle: 24°

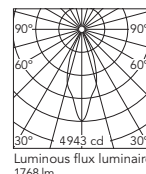
h(m)	E(lx)	D(m)
1	8082	0.43
2	2020	0.86
3	898	1.28
4	505	1.71
5	323	2.14

Luminous flux luminaire 1781 lm

### 4000K - CRI 90

Non Dimmable

- 09.4927.30A
- 09.4927.14A
- Dali Version
- 09.4927.30BDA
- 09.4927.14BDA



Beam Angle: 37°

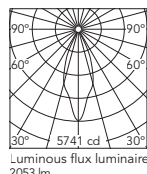
h(m)	E(lx)	D(m)
1	4943	0.67
2	1236	1.34
3	549	2.01
4	309	2.69
5	198	3.36

Luminous flux luminaire 1768 lm

### 3000K - CRI 80

Non Dimmable

- 09.4921.30A
- 09.4921.14A
- Dali Version
- 09.4921.30BDA
- 09.4921.14BDA



Beam Angle: 37°

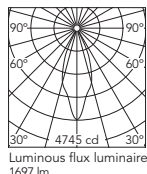
h(m)	E(lx)	D(m)
1	5741	0.67
2	1435	1.34
3	638	2.01
4	359	2.69
5	230	3.36

Luminous flux luminaire 2053 lm

### 3000K - CRI 90

Non Dimmable

- 09.4924.30A
- 09.4924.14A
- Dali Version
- 09.4924.30BDA
- 09.4924.14BDA



Beam Angle: 37°

h(m)	E(lx)	D(m)
1	4745	0.67
2	1186	1.34
3	527	2.01
4	297	2.69
5	190	3.36

Luminous flux luminaire 1697 lm

# UT DOWNLIGHT

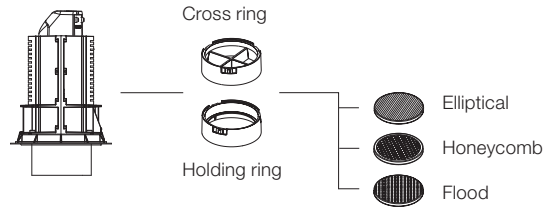
## Accessori / Accessories

Crocetta di schermatura, lenti e honeycomb direttamente installabili sulla testa dell'apparecchio di illuminazione senza necessità di accessori di fissaggio.

**UT Downlight Ø86:** Compatibilità di installazione di honeycomb + lente contemporaneamente.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory.

**UT Downlight Ø86:** Installation compatible with honeycomb + lense at the same time.



### UT Downlight Ø57

Cornice di installazione No Trim.  
Installation frame No Trim.



08.8994.30  
08.8994.14

Filtro a croce antiabbagliamento  
Screening crosspiece



08.8429.00

Lente ellittica  
Elliptical lens



08.8431.00

Lente flood  
Flood lens



08.8432.00

For Spot & Medium optics

Honeycomb  
Honeycomb



08.8428.00

Cono di schermatura  
Snoot shielding cone

20



08.0526.00  
08.0526.40  
08.0526.BW

### UT Downlight Ø86

Cornice di installazione No Trim.  
Installation frame No Trim.



08.8995.30  
08.8995.14

Anello di supporto  
Holding ring



08.8410.00

Filtro a croce antiabbagliamento  
Screening crosspiece



08.8411.00

Lente ellittica  
Elliptical lens



08.8163.68

Lente flood  
Flood lens



08.8175.68

For Spot & Medium optics

Honeycomb  
Honeycomb



08.8495.14



# LIGHT SUPPLY

DESIGNED BY FLOS ARCHITECTURAL

## FIXED TRIM / NO TRIM



**LIGHT SOURCE**  
PHOSPHOR  
LED  
26W  
2285 lm  
3000K/CRI 98  
28W  
3000 lm  
4000K/CRI 80

**LIGHT SOURCE**  
LED ARRAY  
HIGH  
PERFORMANCES  
29W  
3572 lm  
3000K/CRI 80  
2910 lm  
3000K/CRI 90  
3164 lm  
4000K/CRI 90

## ADJUSTABLE TRIM / NO TRIM



**LIGHT SOURCE**  
PHOSPHOR  
LED  
26W  
2258 lm  
3000K/CRI 98  
28W  
2565 lm  
4000K/CRI 80

**LIGHT SOURCE**  
LED ARRAY  
HIGH  
PERFORMANCES  
30,1W  
3772 lm  
3000K/CRI 80  
2910 lm  
3000K/CRI 90  
3153 lm  
4000K/CRI 90

## WALL-WASHER TRIM / NO TRIM



**LIGHT SOURCE**  
PHOSPHOR  
LED  
26W  
2371 lm  
3000K/CRI 98  
28W  
2872 lm  
4000K/CRI 80

**LIGHT SOURCE**  
LED ARRAY  
HIGH  
PERFORMANCES  
33,2W  
3959 lm  
3000K/CRI 80  
3225 lm  
3000K/CRI 90  
3506 lm  
4000K/CRI 90

### Light Supply Adjustable

□ 40 Bianco  
40 White

■ 14 Nero  
14 Black



### Light Supply Fixed & Wall-Washer Trim

Anello Esterno / External Ring

□ Bianco  
White

■ Nero  
Black

Riflettore / Reflector

▣ Alluminio  
Aluminium

□ Bianco  
White

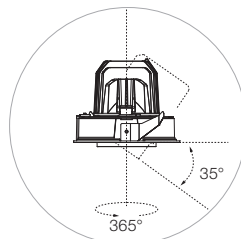
▣ Alluminio  
Aluminium

□ Bianco  
White



Può essere ruotato di 365° e orientato di 35°.  
Can be rotated 365° and swivelled 35°.

### Light Supply Adjustable





## Descrizione

La nuova famiglia downlight è stata sviluppata per ottenere, all'interno di un design compatto da 165 mm di diametro, un flusso massimo di 3000 lm grazie all'ultima tecnologia di moduli LED.

Disponibile in versione fissa, adjustable e wall-washer. La versione adjustable dispone di un cilindro di supporto dell'ottica intercambiabile facile da svitare dall'apparecchio di illuminazione per accedere ai componenti elettronici e installare gli accessori professionali disponibili.

Per offrire la massima flessibilità anche in momenti successivi all'installazione, sono disponibili come accessori riflettori con ottiche spot, intermedie e flood che consentono di modificare la dimensione del fascio di luce senza neppure la necessità di smontare l'apparecchio dal soffitto.

Tutti i Light Supply No Trim si possono montare in una cornice in metallo di pre-installazione o integrare totalmente nel soffitto di cartongesso tramite le piastre di installazione con Soft Technology.

## Riflettori

Realizzati tutti in alluminio purissimo con una finitura speculare.

Fascio di luce spot simmetrico a rotazione circolare, fascio medio e ampio per la versione adjustable, flood per la versione fissa.

## Unità di Alimentazione

Cablaggio incluso, pronto per collegamento ad apparecchiatura remota.

Versioni senza apparecchiatura e regolabili 1-10 V disponibili su richiesta.

## Accessori

Per la versione adjustable:

- Lente di distribuzione ellittica.
- Honeycomb.
- Riflettori di ricambio con ottica spot, intermedia e flood.

Per tutte le versioni No Trim:

- Cornice di pre-installazione o piastra di installazione Soft Architecture per la versione adjustable.

## Informazioni Aggiuntive

Nelle versioni orientabili, possibilità di orientamento di 35° e di rotazione di 365°.

Grado di protezione IP23, IP44 a seconda delle versioni.

Classe di isolamento II.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

New downlight family developed to get a maximum flux in a compact design. 165mm diameter offering up to 3000 lm thanks to latest technology LED modules.

Available in fixed, adjustable and wall-washer version. Adjustable version features a dismountable optic support cylinder, to be easily unscrewed from the luminaire, in order to completely access the electronic and to install the professional accessories available.

To offer maximum flexibility and installation evolution in time, reflector of spot, medium and flood optic are also available as accessories, to change the light beam dimension without even needing to dismount the fixture from the ceiling.

All Light Supply No Trim versions can be mounted in a standard pre-installation metal frame or, for total integration in plasterboard ceiling, in a Soft Technology installation plate.

## Reflectors

All super pure aluminum with specular finish. Circular roto symmetrical spot, medium and flood for the adjustable version, flood for the fixed version.

## Power Supply

Cabling included, ready to be powered by included remote driver.

Versions without driver and 1-10V dimmable available on request.

## Accessories

For adjustable version:

- Elliptical distribution lens.
- Honeycomb.
- Spare part of spot, medium, flood optics reflectors.

For all No Trim versions:

- Pre-installation frame or Soft Architecture installation plate for adjustable version.

## Additional Information

In the adjustable versions, 35° tilt and 365° rotation.

IP23, IP44 protection grade depending on the versions.

Insulation class II.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Fixed / Adjustable /  
Wall-Washer  
Trim



Fixed  
No Trim



Adjustable  
No Trim



Wall-Washer  
No Trim

## LIGHT SUPPLY



Grazie alla remote-phosphor technology, i moduli LED che montano le versioni Phosphor LED offrono la massima qualità luminosa possibile e la percezione degli oggetti e degli spazi, raggiunge indici di riproduzione cromatica pari a 98, a seconda delle versioni.

Tutte le versioni da 3000K sono disponibili su richiesta della "versione Retail". Quest'opzione dispone di un modulo Phosphor LED speciale che, con tutti i vantaggi in termini di risparmio energetico e affidabilità disponibili sul mercato, riproduce la frequenza della luce di una lampada ad alogenuro metallico.

Questa soluzione innovativa migliora la percezione dei colori e la rappresentazione del colore bianco, oltre a ridurre la radiazione dello spettro viola, dannoso per le opere d'arte; pertanto, è indicato in particolare per l'applicazione commerciale e nei musei.

I moduli LED installati nelle versioni LED Array dispongono dell'ultima generazione tecnologica che consente una minore temperatura media durante il funzionamento dell'elettronica. Grazie a questa caratteristica, l'apparecchio di illuminazione può funzionare all'interno dei parametri di sicurezza a una maggior potenza, offrendo un aumento del 20% del flusso luminoso.

Thanks to remote-phosphor technology, the LED modules of the Phosphor LED version offer maximum quality light, the perception of objects and spaces, reaching chromatic reproduction indices of 98, depending on the version.

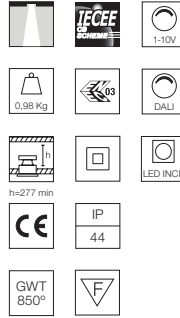
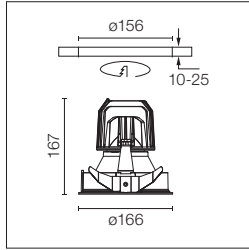
All the 3000K versions are available under request in the "Retail version". This option has a special Phosphor LED module that, with all the advantages regarding energy saving and reliability available on the market, reproduces the frequency of the light of a metal halide lamp. This innovative solution improves the perception of colours and the representation of white, in addition to reducing the radiation of the violet spectrum, damaging to works of art, so, it is especially indicated for commercial and museum purposes.

The LED modules installed on the LED Array versions have cutting-edge technology that permit a lower average temperature in the electronics. Thanks to this feature, the luminaire can operate at a higher power inside the safety parameters, yet still offer 20% added luminous flux.

# LIGHT SUPPLY

## Light Supply Fixed Trim

Light Source: Phosphor LED 26W - 2285 lm - 3000K/CRI 98 / 28W - 3000 lm - 4000K/CRI 80



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

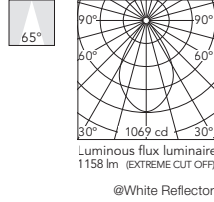
Recessed luminaire with LED light source. Remote 220/240V power supply included.

E= Finitura Esterna  
I= Finitura Interna.

E= External Finish  
I= Internal Finish.

### 3000K - CRI 98 Trim

- E I Non Dimmable
- 03.6611.3B
- 03.6611.3C
- E I Dali
- 03.6611.3BADA
- 03.6611.3CADA
- E I 1-10V
- 03.6611.3B.1V
- 03.6611.3C.1V



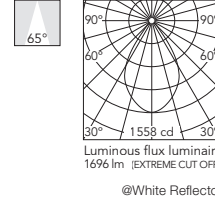
Beam Angle: 65°

h(m)	E(lx)	D(m)
1	1069	1.27
2	267	2.54
3	119	3.80
4	67	5.07
5	43	6.34

@White Reflector

### 4000K - CRI 80 Trim

- E I Non Dimmable
- 03.6610.3B
- 03.6610.3C
- E I Dali
- 03.6610.3BADA
- 03.6610.3CADA
- E I 1-10V
- 03.6610.3B.1V
- 03.6610.3C.1V

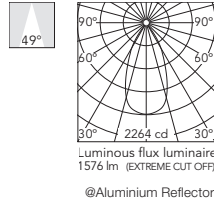


Beam Angle: 65°

h(m)	E(lx)	D(m)
1	1558	1.27
2	390	2.55
3	173	3.82
4	97	5.10
5	62	6.37

@White Reflector

- E I Non Dimmable
- 03.6611.1B
- 03.6611.1C
- E I Dali
- 03.6611.1BADA
- 03.6611.1CADA
- E I 1-10V
- 03.6611.1B.1V
- 03.6611.1C.1V

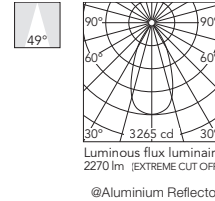


Beam Angle: 49°

h(m)	E(lx)	D(m)
1	2264	0.91
2	566	1.81
3	252	2.72
4	142	3.63
5	91	4.54

@Aluminium Reflector

- E I Non Dimmable
- 03.6610.1B
- 03.6610.1C
- E I Dali
- 03.6610.1BADA
- 03.6610.1CADA
- E I 1-10V
- 03.6610.1B.1V
- 03.6610.1C.1V



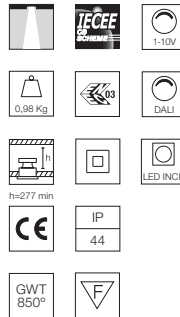
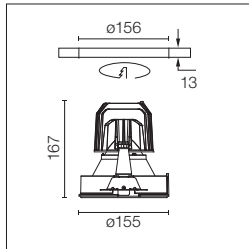
Beam Angle: 49°

h(m)	E(lx)	D(m)
1	3265	0.91
2	816	1.81
3	363	2.72
4	204	3.62
5	131	4.53

@Aluminium Reflector

## Light Supply Fixed No Trim

Light Source: Phosphor LED 26W - 2285 lm - 3000K/CRI 98 / 28W - 3000 lm - 4000K/CRI 80

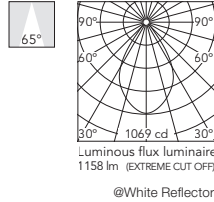


Cornice di pre-installazione. Da ordinare separatamente.

Pre-installation frame. To be ordered separately.

### 3000K - CRI 98 No Trim

- Non Dimmable
- 03.6626.40
- 03.6626.06
- Dali
- 03.6626.40ADA
- 03.6626.06ADA
- 1-10V
- 03.6626.40.1V
- 03.6626.06.1V



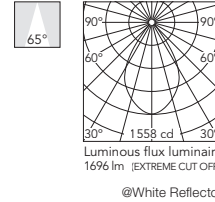
Beam Angle: 65°

h(m)	E(lx)	D(m)
1	1069	1.27
2	267	2.54
3	119	3.80
4	67	5.07
5	43	6.34

@White Reflector

### 4000K - CRI 80 No Trim

- Non Dimmable
- 03.6625.40
- 03.6625.06
- Dali
- 03.6625.40ADA
- 03.6625.06ADA
- 1-10V
- 03.6625.40.1V
- 03.6625.06.1V

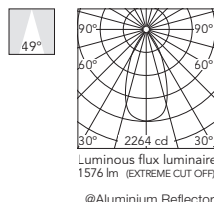


Beam Angle: 65°

h(m)	E(lx)	D(m)
1	1558	1.27
2	390	2.55
3	173	3.82
4	97	5.10
5	62	6.37

@White Reflector

- Non Dimmable
- 03.6626.40
- 03.6626.06
- Dali
- 03.6626.40ADA
- 03.6626.06ADA
- 1-10V
- 03.6626.40.1V
- 03.6626.06.1V

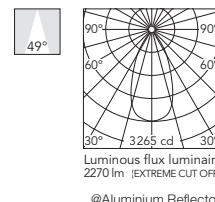


Beam Angle: 49°

h(m)	E(lx)	D(m)
1	2264	0.91
2	566	1.81
3	252	2.72
4	142	3.63
5	91	4.54

@Aluminium Reflector

- Non Dimmable
- 03.6625.40
- 03.6625.06
- Dali
- 03.6625.40ADA
- 03.6625.06ADA
- 1-10V
- 03.6625.40.1V
- 03.6625.06.1V



Beam Angle: 49°

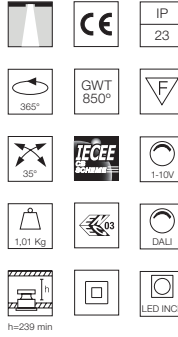
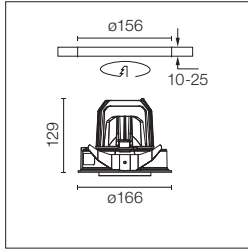
h(m)	E(lx)	D(m)
1	3265	0.91
2	816	1.81
3	363	2.72
4	204	3.62
5	131	4.53

@Aluminium Reflector

# LIGHT SUPPLY

## Light Supply Adjustable Trim

Light Source: Phosphor LED 26W - 2258 lm - 3000K/CRI 98 / 28W - 2565 lm - 4000K/CRI 80



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

### 3000K - CRI 98

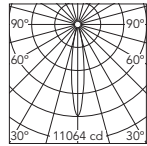
Non Dimmable

- ☐ 03.6606.40
- 03.6606.14

Dali

- ☐ 03.6606.40ADA
- 03.6606.14ADA

- ☐ 03.6606.40.1V
- 03.6606.14.1V



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	11064	0.28
2	2766	0.56
3	1229	0.84
4	692	1.12
5	443	1.40

Luminous flux luminaire 11064 cd

1363 lm (EXTREME CUT OFF)

### 4000K - CRI 80

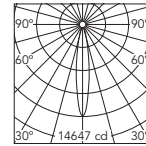
Non Dimmable

- ☐ 03.6603.40
- 03.6603.14

Dali

- ☐ 03.6603.40ADA
- 03.6603.14ADA

- ☐ 03.6603.40.1V
- 03.6603.14.1V



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	14647	0.29
2	3662	0.58
3	1627	0.87
4	915	1.15
5	586	1.44

Luminous flux luminaire 14647 cd

1871 lm (EXTREME CUT OFF)

### 3000K - CRI 98

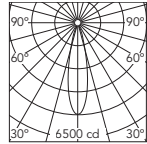
Non Dimmable

- ☐ 03.6607.40
- 03.6607.14

Dali

- ☐ 03.6607.40ADA
- 03.6607.14ADA

- ☐ 03.6607.40.1V
- 03.6607.14.1V



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	6500	0.42
2	1625	0.84
3	722	1.27
4	406	1.69
5	260	2.11

Luminous flux luminaire 6500 cd

1297 lm (EXTREME CUT OFF)

### 4000K - CRI 80

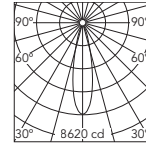
Non Dimmable

- ☐ 03.6604.40
- 03.6604.14

Dali

- ☐ 03.6604.40ADA
- 03.6604.14ADA

- ☐ 03.6604.40.1V
- 03.6604.14.1V



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	8620	0.42
2	2155	0.85
3	958	1.27
4	539	1.70
5	345	2.12

Luminous flux luminaire 8620 cd

1743 lm (EXTREME CUT OFF)

### 3000K - CRI 98

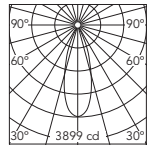
Non Dimmable

- ☐ 03.6608.40
- 03.6608.14

Dali

- ☐ 03.6608.40ADA
- 03.6608.14ADA

- ☐ 03.6608.40.1V
- 03.6608.14.1V



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	3899	0.59
2	975	1.18
3	433	1.77
4	244	2.37
5	156	2.96

Luminous flux luminaire 3899 cd

1292 lm (EXTREME CUT OFF)

### 4000K - CRI 80

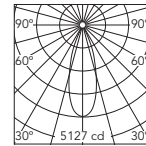
Non Dimmable

- ☐ 03.6605.40
- 03.6605.14

Dali

- ☐ 03.6605.40ADA
- 03.6605.14ADA

- ☐ 03.6605.40.1V
- 03.6605.14.1V



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5127	0.60
2	1282	1.19
3	570	1.79
4	320	2.39
5	205	2.99

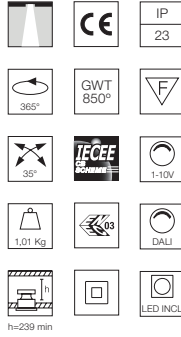
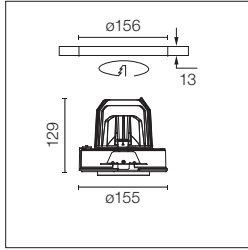
Luminous flux luminaire 5127 cd

1725 lm (EXTREME CUT OFF)

# LIGHT SUPPLY

## Light Supply Adjustable No Trim

Light Source: Phosphor LED 26W - 2258 lm - 3000K/CRI 98 / 28W - 2565 lm - 4000K/CRI 80



Cornice o piastra Soft Architecture per pre-installazione No Trim. Da ordinare separatamente.

Pre-installation frame or Soft Architecture installation plate for No Trim installation. To be ordered separately.

### 3000K - CRI 98

Non Dimmable

03.6621.40

03.6621.14

Dali

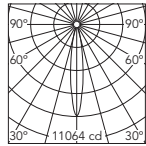
03.6621.40ADA

03.6621.14ADA

1-10V

03.6621.40.1V

03.6621.14.1V



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	11064	0.28
2	2766	0.56
3	1229	0.84
4	692	1.12
5	443	1.40

Luminous flux luminaire  
1363 lm (EXTREME CUT OFF)

### 4000K - CRI 80

Non Dimmable

03.6618.40

03.6618.14

Dali

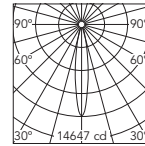
03.6618.40ADA

03.6618.14ADA

1-10V

03.6618.40.1V

03.6618.14.1V



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	14647	0.29
2	3662	0.58
3	1627	0.87
4	915	1.15
5	586	1.44

Luminous flux luminaire  
1871 lm (EXTREME CUT OFF)

### 3000K - CRI 98

Non Dimmable

03.6622.40

03.6622.14

Dali

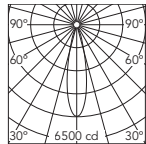
03.6622.40ADA

03.6622.14ADA

1-10V

03.6622.40.1V

03.6622.14.1V



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	6500	0.42
2	1625	0.84
3	722	1.27
4	406	1.69
5	260	2.11

Luminous flux luminaire  
1297 lm (EXTREME CUT OFF)

### 4000K - CRI 80

Non Dimmable

03.6619.40

03.6619.14

Dali

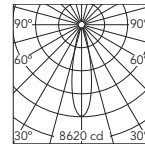
03.6619.40ADA

03.6619.14ADA

1-10V

03.6619.40.1V

03.6619.14.1V



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	8620	0.42
2	2155	0.85
3	958	1.27
4	539	1.70
5	345	2.12

Luminous flux luminaire  
1743 lm (EXTREME CUT OFF)

### 3000K - CRI 98

Non Dimmable

03.6623.40

03.6623.14

Dali

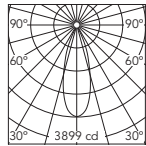
03.6623.40ADA

03.6623.14ADA

1-10V

03.6623.40.1V

03.6623.14.1V



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	3899	0.59
2	975	1.18
3	433	1.77
4	244	2.37
5	156	2.96

Luminous flux luminaire  
1292 lm (EXTREME CUT OFF)

### 4000K - CRI 80

Non Dimmable

03.6620.40

03.6620.14

Dali

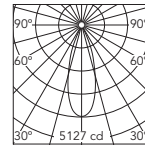
03.6620.40ADA

03.6620.14ADA

1-10V

03.6620.40.1V

03.6620.14.1V



Beam Angle: 33°

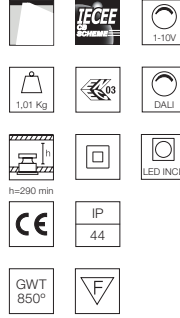
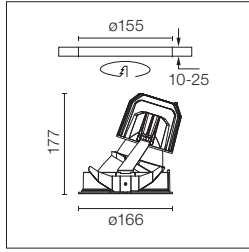
h(m)	E(lx)	D(m)
1	5127	0.60
2	1282	1.19
3	570	1.79
4	320	2.39
5	205	2.99

Luminous flux luminaire  
1725 lm (EXTREME CUT OFF)

# LIGHT SUPPLY

## Light Supply Wall-Washer Trim

Light Source: Phosphor LED 26W - 2371 lm - 3000K/CRI 98 / 28W - 2872 lm - 4000K/CRI 80



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

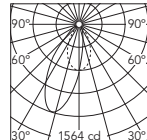
E= Finitura Esterna  
I= Finitura Interna.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

E= External Finish  
I= Internal Finish.

### 3000K - CRI 98

E	I	Non Dimmable
□	□	03.6614.3B
□	□	03.6614.3C
E	I	Dali
□	□	03.6614.3BADA
□	□	03.6614.3CADA
E	I	1-10V
□	□	03.6614.3B.1V
□	□	03.6614.3C.1V



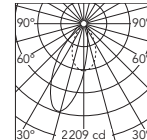
Luminous flux luminaire 1355 lm (EXTREME CUT OFF)  
@White Reflector

Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1564	0.77
2	391	1.55
3	174	2.32
4	98	3.09
5	63	3.86

### 4000K - CRI 80

E	I	Non Dimmable
□	□	03.6613.3B
□	□	03.6613.3C
E	I	Dali
□	□	03.6613.3BADA
□	□	03.6613.3CADA
E	I	1-10V
□	□	03.6613.3B.1V
□	□	03.6613.3C.1V

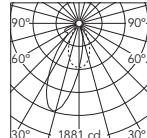


Luminous flux luminaire 1918 lm (EXTREME CUT OFF)  
@White Reflector

Beam Angle: 37°

h(m)	E(lx)	D(m)
1	2209	0.76
2	552	1.53
3	245	2.29
4	138	3.06
5	88	3.82

E	I	Non Dimmable
■	□	03.6614.1B
■	□	03.6614.1C
E	I	Dali
■	□	03.6614.1BADA
■	□	03.6614.1CADA
E	I	1-10V
■	□	03.6614.1B.1V
■	□	03.6614.1C.1V

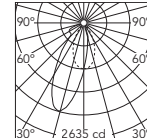


Luminous flux luminaire 1401 lm (EXTREME CUT OFF)  
@Aluminium Reflector

Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1881	0.71
2	470	1.41
3	209	2.12
4	118	2.83
5	75	3.53

E	I	Non Dimmable
■	□	03.6613.1B
■	□	03.6613.1C
E	I	Dali
■	□	03.6613.1BADA
■	□	03.6613.1CADA
E	I	1-10V
■	□	03.6613.1B.1V
■	□	03.6613.1C.1V



Luminous flux luminaire 1967 lm (EXTREME CUT OFF)  
@Aluminium Reflector

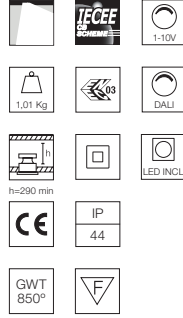
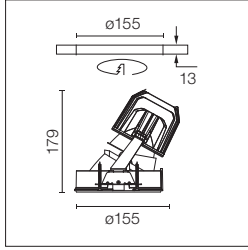
Beam Angle: 35°

h(m)	E(lx)	D(m)
1	2635	0.70
2	659	1.40
3	293	2.10
4	165	2.79
5	105	3.49

# LIGHT SUPPLY

## Light Supply Wall-Washer No Trim

Light Source: Phosphor LED 26W - 2371 lm - 3000K/CRI 98 / 28W - 2872 lm - 4000K/CRI 80



Cornice di pre-installazione. Da ordinare separatamente.

Pre-installation frame. To be ordered separately.

### 3000K - CRI 98

Non Dimmable

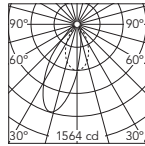
- 03.6629.40
- 03.6629.06

Dali

- 03.6629.40ADA
- 03.6629.06ADA

1-10V

- 03.6629.40ADA
- 03.6629.06ADA



Beam Angle: 38°

h(m)	E(lx)	D(m)
1	1564	0.77
2	391	1.55
3	174	2.32
4	98	3.09
5	63	3.86

Luminous flux luminaire  
1355 lm (EXTREME CUT OFF)

@White Reflector

### 4000K - CRI 80

Non Dimmable

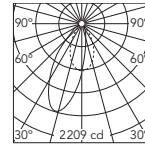
- 03.6628.40
- 03.6628.06

Dali

- 03.6628.40ADA
- 03.6628.06ADA

1-10V

- 03.6628.40ADA
- 03.6628.06ADA

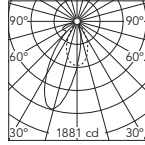


Beam Angle: 37°

h(m)	E(lx)	D(m)
1	2209	0.76
2	552	1.53
3	245	2.29
4	138	3.06
5	88	3.82

Luminous flux luminaire  
1918 lm (EXTREME CUT OFF)

@White Reflector

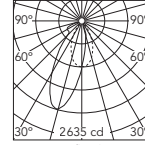


Beam Angle: 35°

h(m)	E(lx)	D(m)
1	1881	0.71
2	470	1.41
3	209	2.12
4	118	2.83
5	75	3.53

Luminous flux luminaire  
1401 lm (EXTREME CUT OFF)

@Aluminium Reflector



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	2635	0.70
2	659	1.40
3	293	2.10
4	165	2.79
5	105	3.49

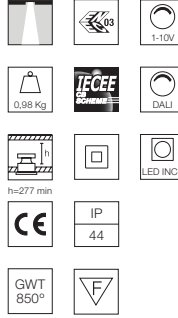
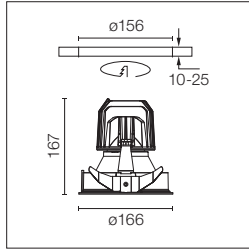
Luminous flux luminaire  
1967 lm (EXTREME CUT OFF)

@Aluminium Reflector

# LIGHT SUPPLY

## Light Supply Fixed Trim

**Light Source:** LED Array High Performances 29W - 3572 lm - 3000K/CRI 80 / 29W - 2910 lm - 3000K/CRI 90 / 29W - 3164 lm - 4000K/CRI 90



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

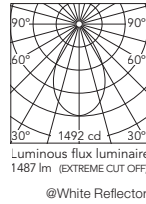
Recessed luminaire with LED light source. Remote 220/240V power supply included.

E= Finitura Esterna  
I= Finitura Interna.

E= External Finish  
I= Internal Finish.

### 3000K - CRI 90

- E I** Non Dimmable  
  03.6811.3BA  
  03.6811.3CA  
**E I** Dali  
  03.6811.3BADA  
  03.6811.3CADA  
**E I** 1-10V  
  03.6811.3B.1V  
  03.6811.3C.1V

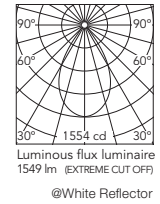


Beam Angle: 62°

h(m)	E(lx)	D(m)
1	1492	1.19
2	373	2.39
3	166	3.58
4	93	4.77
5	60	5.97

### 4000K - CRI 90

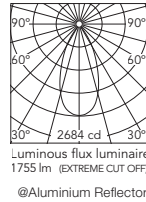
- E I** Non Dimmable  
  03.6810.3BA  
  03.6810.3CA  
**E I** Dali  
  03.6810.3BADA  
  03.6810.3CADA  
**E I** 1-10V  
  03.6810.3B.1V  
  03.6810.3C.1V



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	1554	1.19
2	389	2.39
3	173	3.58
4	97	4.77
5	62	5.97

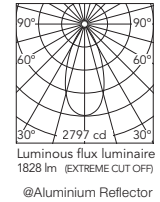
- E I** Non Dimmable  
  03.6811.1BA  
  03.6811.1CA  
**E I** Dali  
  03.6811.1BADA  
  03.6811.1CADA  
**E I** 1-10V  
  03.6811.1B.1V  
  03.6811.1C.1V



Beam Angle: 47°

h(m)	E(lx)	D(m)
1	2684	0.86
2	671	1.73
3	298	2.59
4	168	3.46
5	107	4.32

- E I** Non Dimmable  
  03.6810.1BA  
  03.6810.1CA  
**E I** Dali  
  03.6810.1BADA  
  03.6810.1CADA  
**E I** 1-10V  
  03.6810.1B.1V  
  03.6810.1C.1V

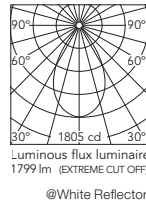


Beam Angle: 47°

h(m)	E(lx)	D(m)
1	2797	0.86
2	699	1.73
3	311	2.59
4	175	3.46
5	112	4.32

### 3000K - CRI 80

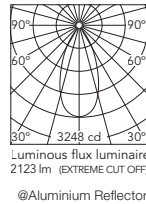
- E I** Non Dimmable  
  03.6809.3BA  
  03.6809.3CA  
**E I** Dali  
  03.6809.3BADA  
  03.6809.3CADA  
**E I** 1-10V  
  03.6809.3B.1V  
  03.6809.3C.1V



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	1805	1.19
2	451	2.39
3	201	3.58
4	113	4.77
5	72	5.97

- E I** Non Dimmable  
  03.6809.1BA  
  03.6809.1CA  
**E I** Dali  
  03.6809.1BADA  
  03.6809.1CADA  
**E I** 1-10V  
  03.6809.1B.1V  
  03.6809.1C.1V



Beam Angle: 47°

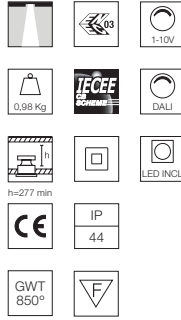
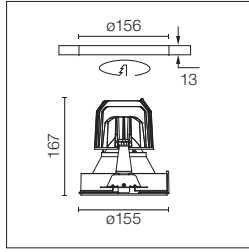
h(m)	E(lx)	D(m)
1	3248	0.86
2	812	1.73
3	361	2.59
4	203	3.46
5	130	4.32



# LIGHT SUPPLY

## Light Supply Fixed No Trim

Light Source: LED Array High Performances 29W - 3572 lm - 3000K/CRI 80 / 29W - 2910 lm - 3000K/CRI 90 / 29W - 3164 lm - 4000K/CRI 90



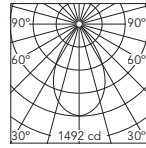
Cornice di pre-installazione. Da ordinare separatamente.

Pre-installation frame. To be ordered separately.

### 3000K - CRI 90

Non Dimmable

- 03.6826.40A
- 03.6826.06A
- Dali
- 03.6826.40ADA
- 03.6826.06ADA
- 1-10V
- 03.6826.40.1V
- 03.6826.06.1V



Beam Angle: 62°

h(m)	E(lx)	D(m)
1	1492	1.19
2	373	2.39
3	166	3.58
4	93	4.77
5	60	5.97

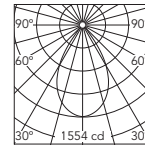
Luminous flux luminaire  
1487 lm (EXTREME CUT OFF)

@White Reflector

### 4000K - CRI 90

Non Dimmable

- 03.6825.40A
- 03.6825.06A
- Dali
- 03.6825.40ADA
- 03.6825.06ADA
- 1-10V
- 03.6825.40.1V
- 03.6825.06.1V

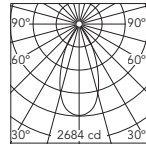


Beam Angle: 62°

h(m)	E(lx)	D(m)
1	1554	1.19
2	389	2.39
3	173	3.58
4	97	4.77
5	62	5.97

Luminous flux luminaire  
1549 lm (EXTREME CUT OFF)

@White Reflector

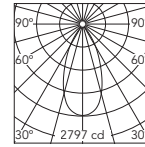


Beam Angle: 47°

h(m)	E(lx)	D(m)
1	2684	0.86
2	671	1.73
3	298	2.59
4	168	3.46
5	107	4.32

Luminous flux luminaire  
1755 lm (EXTREME CUT OFF)

@Aluminium Reflector



Beam Angle: 47°

h(m)	E(lx)	D(m)
1	2797	0.86
2	699	1.73
3	311	2.59
4	175	3.46
5	112	4.32

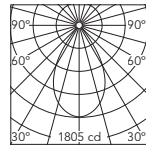
Luminous flux luminaire  
1828 lm (EXTREME CUT OFF)

@Aluminium Reflector

### 3000K - CRI 80

Non Dimmable

- 03.6824.40A
- 03.6824.06A
- Dali
- 03.6824.40ADA
- 03.6824.06ADA
- 1-10V
- 03.6824.40.1V
- 03.6824.06.1V

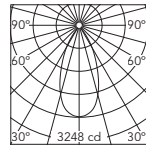


Beam Angle: 62°

h(m)	E(lx)	D(m)
1	1805	1.19
2	451	2.39
3	201	3.58
4	113	4.77
5	72	5.97

Luminous flux luminaire  
1799 lm (EXTREME CUT OFF)

@White Reflector



Beam Angle: 47°

h(m)	E(lx)	D(m)
1	3248	0.86
2	812	1.73
3	361	2.59
4	203	3.46
5	130	4.32

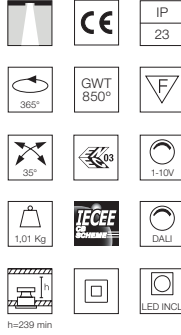
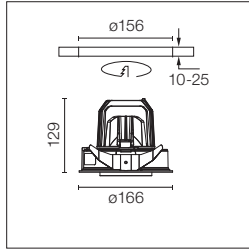
Luminous flux luminaire  
2123 lm (EXTREME CUT OFF)

@Aluminium Reflector

# LIGHT SUPPLY

## Light Supply Adjustable Trim

**Light Source:** LED Array High Performances 30,1W - 3772 lm - 3000K CRI 80



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

### 3000K - CRI 80

Non Dimmable

- 03.6800.40A
- 03.6800.14A

Dali

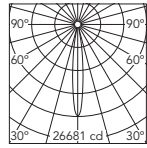
- 03.6800.40ADA
- 03.6800.14ADA

1-10V

- 03.6800.40.1V
- 03.6800.14.1V



SPOT



Luminous flux luminaire  
2208 lm (EXTREME CUT OFF)

Beam Angle: 13°

h(m)	E(lx)	D(m)
1	26681	0.23
2	6670	0.46
3	2965	0.69
4	1668	0.92
5	1067	1.15

### 3000K - CRI 80

Non Dimmable

- 03.6801.40A
- 03.6801.14A

Dali

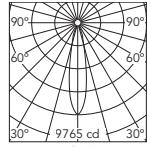
- 03.6801.40ADA
- 03.6801.14ADA

1-10V

- 03.6801.40.1V
- 03.6801.14.1V



MEDIUM



Luminous flux luminaire  
1777 lm (EXTREME CUT OFF)

Beam Angle: 21°

h(m)	E(lx)	D(m)
1	9765	0.37
2	2441	0.75
3	1085	1.12
4	610	1.49
5	391	1.87

### 3000K - CRI 80

Non Dimmable

- 03.6802.40A
- 03.6802.14A

Dali

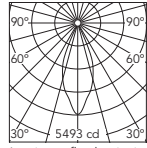
- 03.6802.40ADA
- 03.6802.14ADA

1-10V

- 03.6802.40.1V
- 03.6802.14.1V



FLOOD



Luminous flux luminaire  
1960 lm (EXTREME CUT OFF)

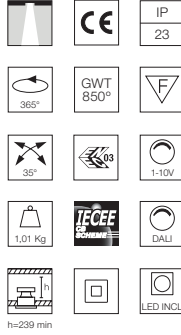
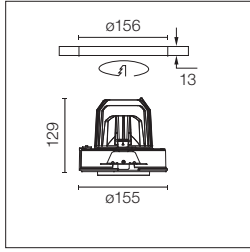
Beam Angle: 39°

h(m)	E(lx)	D(m)
1	5493	0.71
2	1373	1.42
3	610	2.14
4	343	2.85
5	220	3.56

# LIGHT SUPPLY

## Light Supply Adjustable No Trim

Light Source: LED Array High Performances 30,1W - 3772 lm - 3000K CRI 80



Cornice o piastra Soft Architecture per pre-installazione No Trim. Da ordinare separatamente.

Pre-installation frame or Soft Architecture installation plate for No Trim installation. To be ordered separately.

### 3000K - CRI 80

Non Dimmable

- 03.6815.40A
- 03.6815.14A

Dali

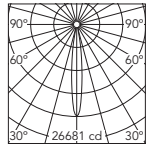
- 03.6815.40ADA
- 03.6815.14ADA

1-10V

- 03.6815.40.1V
- 03.6815.14.1V



SPOT



Luminous flux luminaire  
2208 lm (EXTREME CUT OFF)

Beam Angle: 13°

	h(m)	E(lx)	D(m)
1	26681	0.23	
2	6670	0.46	
3	2965	0.69	
4	1668	0.92	
5	1067	1.15	

### 3000K - CRI 80

Non Dimmable

- 03.6816.40A
- 03.6816.14A

Dali

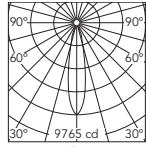
- 03.6816.40ADA
- 03.6816.14ADA

1-10V

- 03.6816.40.1V
- 03.6816.14.1V



MEDIUM



Luminous flux luminaire  
1777 lm (EXTREME CUT OFF)

Beam Angle: 21°

	h(m)	E(lx)	D(m)
1	9765	0.37	
2	2441	0.75	
3	1085	1.12	
4	610	1.49	
5	391	1.87	

### 3000K - CRI 80

Non Dimmable

- 03.6817.40A
- 03.6817.14A

Dali

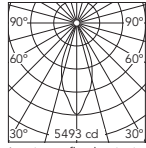
- 03.6817.40ADA
- 03.6817.14ADA

1-10V

- 03.6817.40.1V
- 03.6817.14.1V



FLOOD



Luminous flux luminaire  
1960 lm (EXTREME CUT OFF)

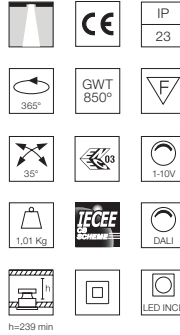
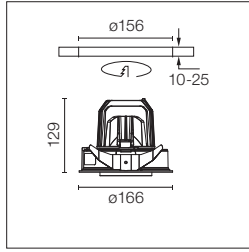
Beam Angle: 39°

	h(m)	E(lx)	D(m)
1	5493	0.71	
2	1373	1.42	
3	610	2.14	
4	343	2.85	
5	220	3.56	

# LIGHT SUPPLY

## Light Supply Adjustable Trim

Light Source: LED Array High Performances 30,1W - 2910 lm - 3000K/CRI 90 / 30,1W - 3153 lm - 4000K/CRI 90



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

Recessed luminaire with LED light source. Remote 220/240V power supply included.

### 3000K - CRI 90

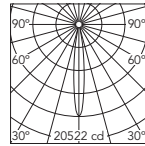
Non Dimmable

- 03.6806.40A
- 03.6806.14A

Dali

- 03.6806.40ADA
- 03.6806.14ADA

- 03.6806.40.1V
- 03.6806.14.1V



Beam Angle: 13°

h(m)	El(x)	D(m)
1	20522	0.23
2	5131	0.46
3	2280	0.69
4	1283	0.92
5	821	1.15

Luminous flux luminaire  
1698 lm (EXTREME CUT OFF)

### 4000K - CRI 90

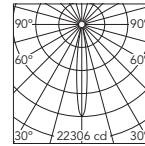
Non Dimmable

- 03.6803.40A
- 03.6803.14A

Dali

- 03.6803.40ADA
- 03.6803.14ADA

- 03.6803.40.1V
- 03.6803.14.1V



Beam Angle: 13°

h(m)	El(x)	D(m)
1	22306	0.23
2	5576	0.46
3	2478	0.69
4	1394	0.92
5	892	1.15

Luminous flux luminaire  
1846 lm (EXTREME CUT OFF)

### 3000K - CRI 90

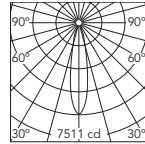
Non Dimmable

- 03.6807.40A
- 03.6807.14A

Dali

- 03.6807.40ADA
- 03.6807.14ADA

- 03.6807.40.1V
- 03.6807.14.1V



Beam Angle: 21°

h(m)	El(x)	D(m)
1	7511	0.37
2	1878	0.75
3	835	1.12
4	469	1.49
5	300	1.87

Luminous flux luminaire  
1367 lm (EXTREME CUT OFF)

### 4000K - CRI 90

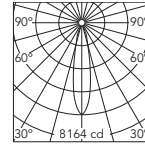
Non Dimmable

- 03.6804.40A
- 03.6804.14A

Dali

- 03.6804.40ADA
- 03.6804.14ADA

- 03.6804.40.1V
- 03.6804.14.1V



Beam Angle: 21°

h(m)	El(x)	D(m)
1	8164	0.37
2	2041	0.75
3	907	1.12
4	510	1.49
5	327	1.87

Luminous flux luminaire  
1486 lm (EXTREME CUT OFF)

### 3000K - CRI 90

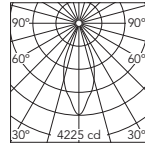
Non Dimmable

- 03.6808.40A
- 03.6808.14A

Dali

- 03.6808.40ADA
- 03.6808.14ADA

- 03.6808.40.1V
- 03.6808.14.1V



Beam Angle: 39°

h(m)	El(x)	D(m)
1	4225	0.71
2	1056	1.42
3	469	2.14
4	264	2.85
5	169	3.56

Luminous flux luminaire  
1508 lm (EXTREME CUT OFF)

### 4000K - CRI 90

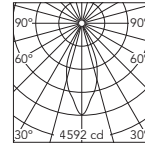
Non Dimmable

- 03.6805.40A
- 03.6805.14A

Dali

- 03.6805.40ADA
- 03.6805.14ADA

- 03.6805.40.1V
- 03.6805.14.1V



Beam Angle: 39°

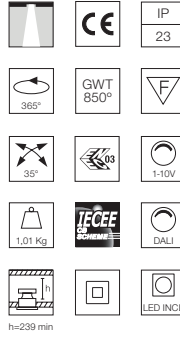
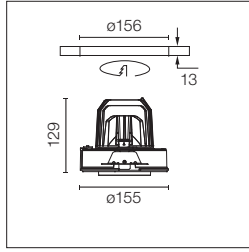
h(m)	El(x)	D(m)
1	4592	0.71
2	1148	1.42
3	510	2.14
4	287	2.85
5	184	3.56

Luminous flux luminaire  
1639 lm (EXTREME CUT OFF)

# LIGHT SUPPLY

## Light Supply Adjustable No Trim

Light Source: LED Array High Performances 30,1W - 2910 lm - 3000K/CRI 90 / 30,1W - 3153 lm - 4000K/CRI 90



Cornice o piastra Soft Architecture per pre-installazione No Trim. Da ordinare separatamente.

Pre-installation frame or Soft Architecture installation plate for No Trim installation. To be ordered separately.

### 3000K - CRI 90

Non Dimmable

03.6821.40A

03.6821.14A

Dali

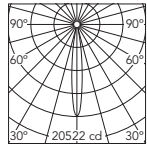
03.6821.40ADA

03.6821.14ADA

1-10V

03.6821.40.1V

03.6821.14.1V



Beam Angle: 13°

h(m)	El(x)	D(m)
1	20522	0.23
2	5131	0.46
3	2280	0.69
4	1283	0.92
5	821	1.15

Luminous flux luminaire  
1698 lm (EXTREME CUT OFF)

### 4000K - CRI 90

Non Dimmable

03.6818.40A

03.6818.14A

Dali

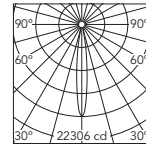
03.6818.40ADA

03.6818.14ADA

1-10V

03.6818.40.1V

03.6818.14.1V



Beam Angle: 13°

h(m)	El(x)	D(m)
1	22306	0.23
2	5576	0.46
3	2478	0.69
4	1394	0.92
5	892	1.15

Luminous flux luminaire  
1846 lm (EXTREME CUT OFF)

### 3000K - CRI 90

Non Dimmable

03.6822.40A

03.6822.14A

Dali

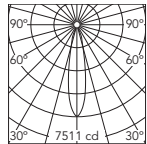
03.6822.40ADA

03.6822.14ADA

1-10V

03.6822.40.1V

03.6822.14.1V



Beam Angle: 21°

h(m)	El(x)	D(m)
1	7511	0.37
2	1878	0.75
3	835	1.12
4	469	1.49
5	300	1.87

Luminous flux luminaire  
1367 lm (EXTREME CUT OFF)

### 4000K - CRI 90

Non Dimmable

03.6819.40A

03.6819.14A

Dali

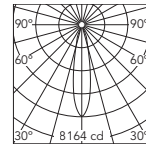
03.6819.40ADA

03.6819.14ADA

1-10V

03.6819.40.1V

03.6819.14.1V



Beam Angle: 21°

h(m)	El(x)	D(m)
1	8164	0.37
2	2041	0.75
3	907	1.12
4	510	1.49
5	327	1.87

Luminous flux luminaire  
1486 lm (EXTREME CUT OFF)

### 3000K - CRI 90

Non Dimmable

03.6823.40A

03.6823.14A

Dali

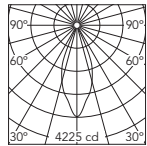
03.6823.40ADA

03.6823.14ADA

1-10V

03.6823.40.1V

03.6823.14.1V



Beam Angle: 39°

h(m)	El(x)	D(m)
1	4225	0.71
2	1056	1.42
3	469	2.14
4	264	2.85
5	169	3.56

Luminous flux luminaire  
1508 lm (EXTREME CUT OFF)

### 4000K - CRI 90

Non Dimmable

03.6820.40A

03.6820.14A

Dali

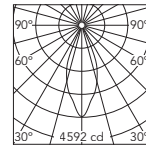
03.6820.40ADA

03.6820.14ADA

1-10V

03.6820.40.1V

03.6820.14.1V



Beam Angle: 39°

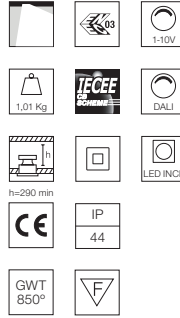
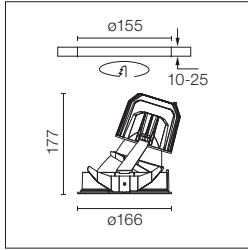
h(m)	El(x)	D(m)
1	4592	0.71
2	1148	1.42
3	510	2.14
4	287	2.85
5	184	3.56

Luminous flux luminaire  
1639 lm (EXTREME CUT OFF)

# LIGHT SUPPLY

## Light Supply Wall-Washer Trim

**Light Source:** LED Array High Performances 33,2W - 3959 lm - 3000K/CRI 80 / 33,2W - 3225 lm - 3000K/CRI 90 / 33,2W - 3506 lm - 4000K/CRI 90



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione remota 220/240V inclusa.

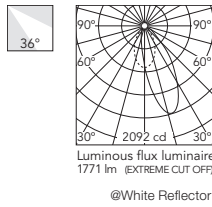
Recessed luminaire with LED light source. Remote 220/240V power supply included.

E= Finitura Esterna  
I= Finitura Interna.

E= External Finish  
I= Internal Finish.

### 3000K - CRI 90

- E I Non Dimmable
- □ 03.6814.3BA
- □ 03.6814.3CA
- E I Dali
- □ 03.6814.3BADA
- □ 03.6814.3CADA
- E I 1-10V
- □ 03.6814.3B.1V
- □ 03.6814.3C.1V



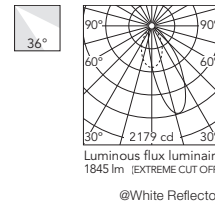
Beam Angle: 36°

h(m)	E(lx)	D(m)
1	2092	0.74
2	523	1.48
3	232	2.22
4	131	2.95
5	84	3.69

Luminous flux luminaire 1771 lm (EXTREME CUT OFF)  
@White Reflector

### 4000K - CRI 90

- E I Non Dimmable
- □ 03.6813.3BA
- □ 03.6813.3CA
- E I Dali
- □ 03.6813.3BADA
- □ 03.6813.3CADA
- E I 1-10V
- □ 03.6813.3B.1V
- □ 03.6813.3C.1V

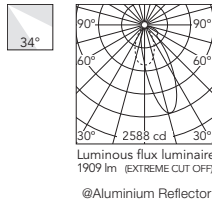


Beam Angle: 36°

h(m)	E(lx)	D(m)
1	2179	0.74
2	545	1.48
3	242	2.22
4	136	2.95
5	87	3.69

Luminous flux luminaire 1845 lm (EXTREME CUT OFF)  
@White Reflector

- E I Non Dimmable
- □ 03.6814.1BA
- □ 03.6814.1CA
- E I Dali
- □ 03.6814.1BADA
- □ 03.6814.1CADA
- E I 1-10V
- □ 03.6814.1B.1V
- □ 03.6814.1C.1V

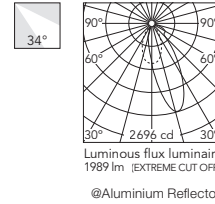


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	2588	0.67
2	647	1.35
3	288	2.02
4	162	2.69
5	104	3.37

Luminous flux luminaire 1909 lm (EXTREME CUT OFF)  
@Aluminium Reflector

- E I Non Dimmable
- □ 03.6813.1BA
- □ 03.6813.1CA
- E I Dali
- □ 03.6813.1BADA
- □ 03.6813.1CADA
- E I 1-10V
- □ 03.6813.1B.1V
- □ 03.6813.1C.1V



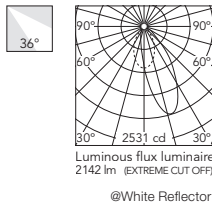
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	2696	0.67
2	674	1.35
3	300	2.02
4	168	2.69
5	108	3.37

Luminous flux luminaire 1989 lm (EXTREME CUT OFF)  
@Aluminium Reflector

### 3000K - CRI 80

- E I Non Dimmable
- □ 03.6812.3BA
- □ 03.6812.3CA
- E I Dali
- □ 03.6812.3BADA
- □ 03.6812.3CADA
- E I 1-10V
- □ 03.6812.3B.1V
- □ 03.6812.3C.1V

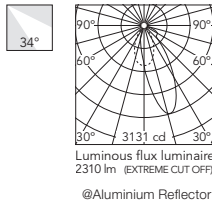


Beam Angle: 36°

h(m)	E(lx)	D(m)
1	2531	0.74
2	633	1.48
3	281	2.22
4	158	2.95
5	101	3.69

Luminous flux luminaire 2142 lm (EXTREME CUT OFF)  
@White Reflector

- E I Non Dimmable
- □ 03.6812.1BA
- □ 03.6812.1CA
- E I Dali
- □ 03.6812.1BADA
- □ 03.6812.1CADA
- E I 1-10V
- □ 03.6812.1B.1V
- □ 03.6812.1C.1V



Beam Angle: 34°

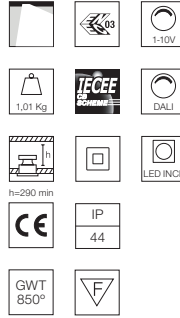
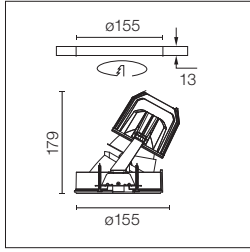
h(m)	E(lx)	D(m)
1	3131	0.67
2	783	1.35
3	348	2.02
4	196	2.69
5	125	3.37

Luminous flux luminaire 2310 lm (EXTREME CUT OFF)  
@Aluminium Reflector

# LIGHT SUPPLY

## Light Supply Wall-Washer No Trim

Light Source: LED Array High Performances 33,2W - 3959 lm - 3000K/CRI 80 / 33,2W - 3225 lm - 3000K/CRI 90 / 33,2W - 3506 lm - 4000K/CRI 90



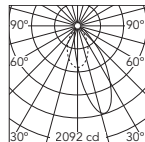
Cornice di pre-installazione. Da ordinare separatamente.

Pre-installation frame. To be ordered separately.

### 3000K - CRI 90

Non Dimmable

- 03.6829.40A
- 03.6829.06A
- Dali
- 03.6829.40ADA
- 03.6829.06ADA
- 1-10V
- 03.6829.40.1V
- 03.6829.06.1V



Beam Angle: 36°

h(m)	E(lx)	D(m)
1	2092	0.74
2	523	1.48
3	232	2.22
4	131	2.95
5	84	3.69

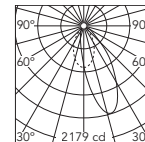
Luminous flux luminaire 2092 cd  
1771 lm (EXTREME CUT OFF)

@White Reflector

### 4000K - CRI 90

Non Dimmable

- 03.6828.40A
- 03.6828.06A
- Dali
- 03.6828.40ADA
- 03.6828.06ADA
- 1-10V
- 03.6828.40.1V
- 03.6828.06.1V

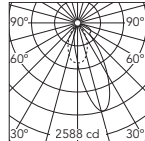


Beam Angle: 36°

h(m)	E(lx)	D(m)
1	2179	0.74
2	545	1.48
3	242	2.22
4	136	2.95
5	87	3.69

Luminous flux luminaire 2179 cd  
1845 lm (EXTREME CUT OFF)

@White Reflector

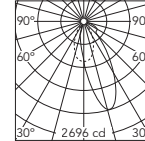


Beam Angle: 34°

h(m)	E(lx)	D(m)
1	2588	0.67
2	647	1.35
3	288	2.02
4	162	2.69
5	104	3.37

Luminous flux luminaire 2588 cd  
1909 lm (EXTREME CUT OFF)

@Aluminium Reflector



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	2696	0.67
2	674	1.35
3	300	2.02
4	168	2.69
5	108	3.37

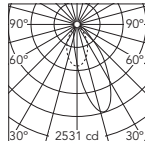
Luminous flux luminaire 2696 cd  
1989 lm (EXTREME CUT OFF)

@Aluminium Reflector

### 3000K - CRI 80

Non Dimmable

- 03.6827.40A
- 03.6827.06A
- Dali
- 03.6827.40ADA
- 03.6827.06ADA
- 1-10V
- 03.6827.40.1V
- 03.6827.06.1V

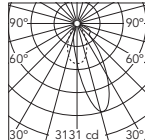


Beam Angle: 36°

h(m)	E(lx)	D(m)
1	2531	0.74
2	633	1.48
3	281	2.22
4	158	2.95
5	101	3.69

Luminous flux luminaire 2531 cd  
2142 lm (EXTREME CUT OFF)

@White Reflector



Beam Angle: 34°

h(m)	E(lx)	D(m)
1	3131	0.67
2	783	1.35
3	348	2.02
4	196	2.69
5	125	3.37

Luminous flux luminaire 3131 cd  
2310 lm (EXTREME CUT OFF)

@Aluminium Reflector

# LIGHT SUPPLY

## Accessori / Accessories

Cornice di pre-installazione.

Pre-installation frame.



Adjustable No Trim  
08.8119.00



Fixed No Trim  
08.8359.00



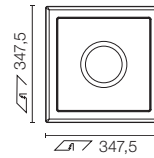
Wall-Washer No Trim  
08.8137.00

Piastra Soft Architecture per pre-installazione in superfici di cartongesso.

Soft Architecture installation plate for integration in plasterboard.



Adjustable No Trim  
SA.6600.1



## For Phosphor LED

Riflettore di ricambio per Light Supply Adjustable.

Light Supply Adjustable spare reflector.



Spot  
08.8413.00  
Medium  
08.8414.00  
Flood  
08.8415.00



# LIGHT SUPPLY

## Accessori / Accessories

### For LED Array

Riflettore di ricambio per Light Supply Adjustable.

Light Supply Adjustable spare reflector.



Spot  
08.8450.00  
Medium  
08.8451.00  
Flood  
08.8452.00

Filtro a croce antiabbagliamento.

Screening crosspiece.



08.8242.14

Lente ellittica.

Elliptical lens.



08.8118.68

Honeycomb.

Honeycomb.



Celle Piccole/Small Cells  
08.8049.14



Celle Grandi/Big Cells  
08.8377.14

Cilindro ad alta efficienza.

Highly-efficient cylinder.



08.8453.40  
08.8453.14

# WAN DOWNLIGHT

DESIGNED BY JOHANNA GRAWUNDER



**LIGHT SOURCE**  
LED ARRAY  
9,2W  
945 lm  
3000K/CRI 80



**LIGHT SOURCE**  
LED  
QT-14  
G9

□ 30 Bianco  
30 White

■ 05 Alluminio Lucido  
05 Polished Aluminium

■ 14 Nero  
14 Black

■ GN Verde  
GN Green



## Descrizione

Apparecchio di illuminazione da incasso per installazione a soffitto a luce diretta. Anello in alluminio nelle finiture cromato, bianco lucido, verde lucido e nero lucido. Schermo antiabbagliamento. L'apparecchio è dotato di due differenti anelli con finitura verde lucido e nero lucido, che hanno la funzione di riparare il vetro temperato di sicurezza.

## Riflettori

Riflettore in alluminio sabbiato e sbiancato chimicamente.

## Unità di Alimentazione

Precablaggio incluso pronto per essere alimentato per mezzo di apparecchiature remote. Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

## Informazioni Aggiuntive

Grado di protezione IP44.  
Classe di isolamento II, III, a seconda delle versioni. Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Ceiling recessed luminary providing direct light. Aluminum ring, available in chrome, shiny white, enameled green, and shiny black finishes. Low glare shield. Provided by two different ring due to fix the safety tempered glass, in shiny black and enameled green.

## Reflectors

Sanded and chemically bleached aluminum reflector.

## Power Supply

Pre-wiring included; ready for remote power supply. Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

## Additional Information

IP44 protection grade.  
Insulation class II, III depending on the versions.  
Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

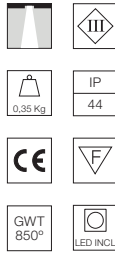
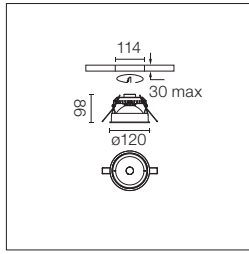
## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# WAN DOWNLIGHT

## Wan Downlight

**Light Source:** LED Array DC 500 mA - 9,2W - 945 lm - 3000K/CRI 80



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione esclusa.

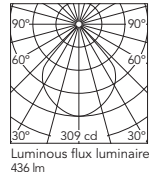
Recessed luminaire with LED light source. Power supply not included.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

- 03.6154.30A
- 03.6154.05A
- 03.6154.14A
- 03.6154.GNA



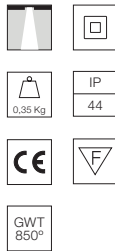
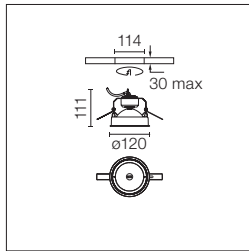
Beam Angle: 83°

h(m)	E(lx)	D(m)
1	309	1.77
2	77	3.55
3	34	5.32
4	19	7.09
5	12	8.87

Luminous flux luminaire  
436 lm

## Wan Downlight

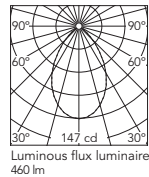
**Light Source:** LED QT-14 G9



Apparecchio di illuminazione da incasso con alimentazione in tensione di rete.

Recessed luminaire with main voltage source.

- 03.6150.30
- 03.6150.05
- 03.6150.14
- 03.6150.GN

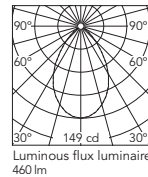


Beam Angle: 68°

h(m)	E(lx)	D(m)
1	147	1.35
2	37	2.70
3	16	4.05
4	9	5.40
5	6	6.75

Luminous flux luminaire  
460 lm

@Black Ring



Beam Angle: 69°

h(m)	E(lx)	D(m)
1	149	1.38
2	37	2.75
3	17	4.13
4	9	5.50
5	6	6.88

Luminous flux luminaire  
460 lm

@Green Ring

# JOHNNY

DESIGNED BY FLOS ARCHITECTURAL

JOHNNY 80  
TRIM / NO TRIM  
1L ROUND  
1L/2L SQUARE



**LIGHT SOURCE**  
POWER LED  
6,2W  
560 lm  
2700K/CRI 90  
600 lm  
3000K/CRI 90

JOHNNY 80  
SEMI-RECESSED  
1L/2L SQUARE



**LIGHT SOURCE**  
POWER LED  
6,2W  
560 lm  
2700K/CRI 90  
600 lm  
3000K/CRI 90

JOHNNY 120  
TRIM / NO TRIM  
1L ROUND  
1L/2L SQUARE



**LIGHT SOURCE**  
LED ARRAY HIGH PERFORMANCE  
20W  
2049 lm  
2700K/CRI 90  
2183 lm  
3000K/CRI 90

JOHNNY 120  
SEMI-RECESSED  
1L/2L SQUARE



**LIGHT SOURCE**  
LED ARRAY  
18W  
1770 lm  
2700K/CRI 90  
1870 lm  
3000K/CRI 90

**Johnny 80  
Trim / No Trim**



□ 40 Bianco  
40 White    ■ 14 Nero  
14 Black

**Johnny 120  
Trim**



□ Bianco  
White    ■ Nero  
Black

**Johnny 120  
No Trim**



■ Nero  
Black

Interno / Inside

□ Bianco  
White    ■ Nero  
Black

Esterno / Outside

□ 40 Bianco  
40 White    ■ CE Cemento  
CE Concrete    ■ TK Teck  
TK Teak    ■ 14 Nero  
14 Black

**Johnny 80 Semi-Recessed**



**Johnny 120 Semi-Recessed**

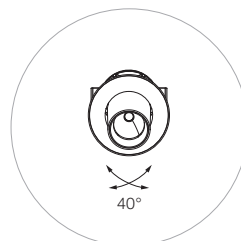


Può essere ruotato in qualsiasi senso.  
Can be rotated in any direction.

**Johnny 80**



**Johnny 120**



**Descrizione**

Sistema d'illuminazione a uno o due fuochi orientabili, in versione a incasso (Trim e No Trim) e a semi-incasso per l'installazione a soffitto.

Disponibile in due dimensioni: 80 mm e 120 mm in versione rotonda e quadrata

Sistema di orientamento esclusivo di facile fissaggio che consente l'orientamento preciso del fascio di luce.

**Unità di Alimentazione**

Fonte di alimentazione a corrente costante 220/240V remota inclusa.

Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

**Accessori**

Johnny 80:

- Filtro a croce antiabbagliamento e honeycomb compresi nel prodotto

Johnny 120:

- Filtro a croce antiabbagliamento
- Honeycomb
- Lente ellittica
- Lente flood

**Informazioni Aggiuntive**

Sistema di orientamento integrato nel corpo telescopico per la versione Johnny 80.

Grado di protezione IP20.

Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

**Conformità e Marchi di Qualità**

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

**Description**

Illumination system consisting of one or two adjustable lights, in the embedded version (Trim and No Trim) and semi-embedded version to be installed on the ceiling.

Available in two sizes: 80 mm and 120 mm in round and square versions.

An exclusive, easy and adjustable system that enables an accurate adjustment of the light beam.

**Power Supply**

Remote constant power supply 220/240V not included.

Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

**Accessories**

Johnny 80:

- Screening crosspiece and honeycomb included in the product

Johnny 120:

- Screening crosspiece
- Honeycomb
- Elliptical lens
- Flood lens

**Additional Information**

The Johnny 80 version has a orientation system integrated into the telescopic body.

IP20 protection grade.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

**Standard Compliance and Quality Marks**

EN60598-1 European Technical Standards and any subsequent additions.



Johnny 80  
1L Trim



Johnny 80  
1L No Trim



Johnny 80  
2L Trim



Johnny 80  
2L No Trim



Johnny 80  
Semi-Recessed



Johnny 120  
Trim



Johnny 120  
No Trim



Johnny 120  
Semi-Recessed

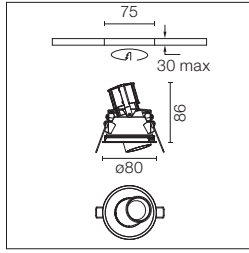
# JOHNNY 80

## Johnny Ø80 Trim 1L Round

**Light Source:** Power LED

Without accessories: DC 500 mA - 6,2W - 560 lm - 2700K/CRI 90 / 6,2W - 600 lm - 3000K/CRI 90

With accessories: DC 450 mA - 5,5W - 505 lm - 2700K/CRI 90 / 5,5W - 540 lm - 3000K/CRI 90



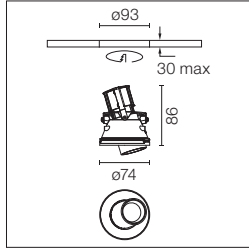
Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione esclusa.

Recessed luminaire with LED light source. Power supply not included.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

## Johnny Ø80 No Trim 1L Round

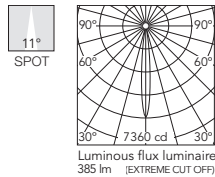


Alimentazioni raccomandate / Recommended power supply\*:

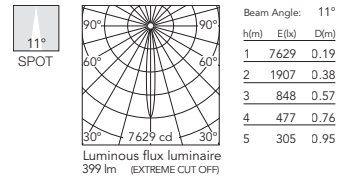
	450 mA	500 mA
Non Dimmable	RF31855	RF31855
Dimmable 0/1-10V	RF27961	RF27961
Dimmable Dali 2	60.9222	60.9222
Mains Dimming	60.9467	60.9411
Casambi	60.9207	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

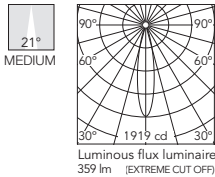
- 2700K**  
 03.0701.40A  
 03.0701.14A
- 03.0701.40ANT  
 03.0701.14ANT



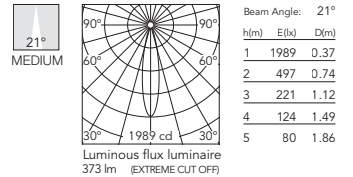
- 3000K**  
 03.0700.40A  
 03.0700.14A
- 03.0700.40ANT  
 03.0700.14ANT



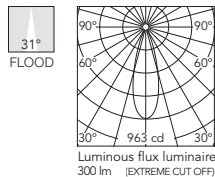
- 2700K**  
 03.0705.40A  
 03.0705.14A
- 03.0705.40ANT  
 03.0705.14ANT



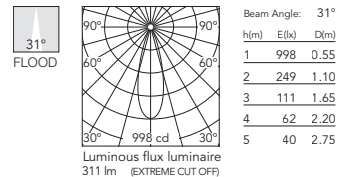
- 3000K**  
 03.0704.40A  
 03.0704.14A
- 03.0704.40ANT  
 03.0704.14ANT



- 2700K**  
 03.0709.40A  
 03.0709.14A
- 03.0709.40ANT  
 03.0709.14ANT



- 3000K**  
 03.0708.40A  
 03.0708.14A
- 03.0708.40ANT  
 03.0708.14ANT



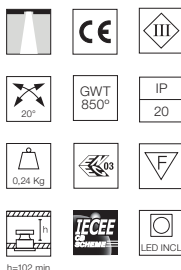
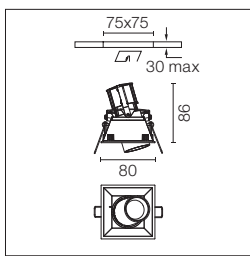
# JOHNNY 80

## Johnny 80 Trim 1L Square

### Light Source: Power LED

Without accessories: DC 500 mA - 6,2W - 560 lm - 2700K/CRI 90 / 6,2W - 600 lm - 3000K/CRI 90

With accessories: DC 450 mA - 5,5W - 505 lm - 2700K/CRI 90 / 5,5W - 540 lm - 3000K/CRI 90



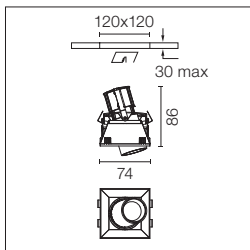
Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione esclusa.

Recessed luminaire with LED light source. Power supply not included.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

## Johnny 80 No Trim 1L Square

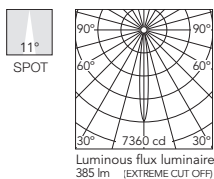


Alimentazioni raccomandate / Recommended power supply\*:

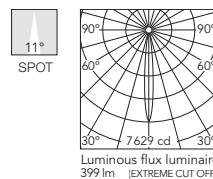
	450 mA	500 mA
Non Dimmable	RF31855	RF31855
Dimmable 0/1-10V	RF27961	RF27961
Dimmable Dali 2	60.9222	60.9222
Mains Dimming	60.9467	60.9411
Casambi	60.9207	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

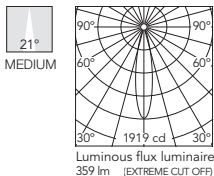
- 2700K**
- 03.0703.40A
- 03.0703.14A
- 03.0703.40ANT
- 03.0703.14ANT



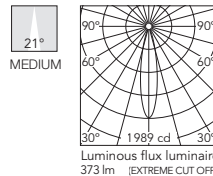
- 3000K**
- 03.0702.40A
- 03.0702.14A
- 03.0702.40ANT
- 03.0702.14ANT



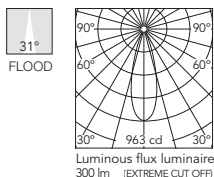
- 2700K**
- 03.0707.40A
- 03.0707.14A
- 03.0707.40ANT
- 03.0707.14ANT



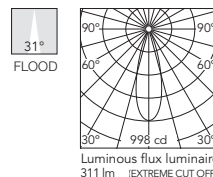
- 3000K**
- 03.0706.40A
- 03.0706.14A
- 03.0706.40ANT
- 03.0706.14ANT



- 2700K**
- 03.0711.40A
- 03.0711.14A
- 03.0711.40ANT
- 03.0711.14ANT



- 3000K**
- 03.0710.40A
- 03.0710.14A
- 03.0710.40ANT
- 03.0710.14ANT



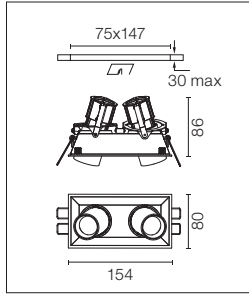
# JOHNNY 80

## Johnny 80 Trim 2L Square

### Light Source: Power LED

Without accessories: 500 mA - 2x6,2W - 2x560 lm - 2700K/CRI 90 / 2x6,2W - 2x600 lm - 3000K/CRI 90

With accessories: DC 450 mA - 2x5,5W - 2x505 lm - 2700K/CRI 90 / 2x5,5W - 2x540 lm - 3000K/CRI 90



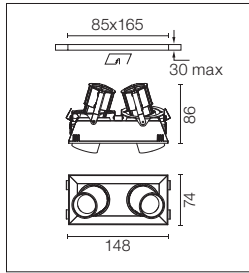
Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione esclusa. Si richiede una fonte di alimentazione per ogni corpo ottico.

Recessed luminaire with LED light source. Power supply not included. Requires one power supply for each optic body.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

## Johnny 80 No Trim 2L Square



Cornice di pre-installazione da ordinare separatamente.

Pre-installation frame. To be ordered separately.

### Alimentazioni raccomandate / Recommended power supply\*:

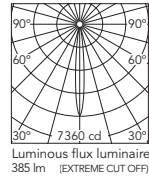
	450 mA	500 mA
Non Dimmable	RF31855	RF31855
Dimmable 0/1-10V	RF27961	RF27961
Dimmable Dali 2	60.9222	60.9222
Mains Dimming	60.9467	60.9411
Casambi	60.9207	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K

03.0713.40A  
03.0713.14A

03.0713.40ANT  
03.0713.14ANT



Beam Angle: 11°

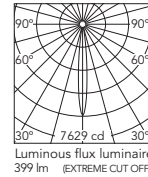
h(m)	E(lx)	D(m)
1	7360	0.19
2	1840	0.38
3	818	0.57
4	460	0.76
5	294	0.95

Luminous flux luminaire  
385 lm (EXTREME CUT OFF)

### 3000K

03.0712.40A  
03.0712.14A

03.0712.40ANT  
03.0712.14ANT



Beam Angle: 11°

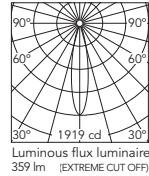
h(m)	E(lx)	D(m)
1	7629	0.19
2	1907	0.38
3	848	0.57
4	477	0.76
5	305	0.95

Luminous flux luminaire  
399 lm (EXTREME CUT OFF)

### 2700K

03.0715.40A  
03.0715.14A

03.0715.40ANT  
03.0715.14ANT



Beam Angle: 21°

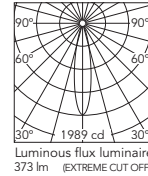
h(m)	E(lx)	D(m)
1	1919	0.37
2	480	0.74
3	213	1.12
4	120	1.49
5	77	1.86

Luminous flux luminaire  
359 lm (EXTREME CUT OFF)

### 3000K

03.0714.40A  
03.0714.14A

03.0714.40ANT  
03.0714.14ANT



Beam Angle: 21°

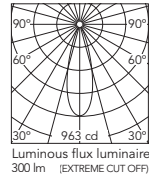
h(m)	E(lx)	D(m)
1	1989	0.37
2	497	0.74
3	221	1.12
4	124	1.49
5	80	1.86

Luminous flux luminaire  
373 lm (EXTREME CUT OFF)

### 2700K

03.0717.40A  
03.0717.14A

03.0717.40ANT  
03.0717.14ANT



Beam Angle: 31°

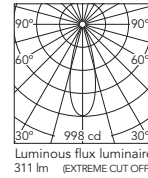
h(m)	E(lx)	D(m)
1	963	0.55
2	241	1.10
3	107	1.65
4	60	2.20
5	39	2.75

Luminous flux luminaire  
300 lm (EXTREME CUT OFF)

### 3000K

03.0716.40A  
03.0716.14A

03.0716.40ANT  
03.0716.14ANT



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	998	0.55
2	249	1.10
3	111	1.65
4	62	2.20
5	40	2.75

Luminous flux luminaire  
311 lm (EXTREME CUT OFF)



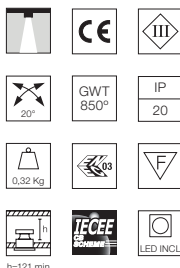
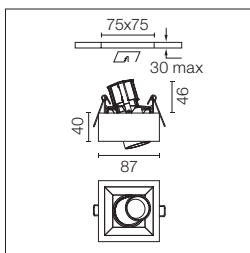
# JOHNNY 80

## Johnny 80 Semi-Recessed 1L Square

**Light Source:** Power LED

Without accessories: DC 500 mA - 6,2W - 560 lm - 2700K/CRI 90 / 6,2W - 600 lm - 3000K/CRI 90

With accessories: DC 450 mA - 5,5W - 505 lm - 2700K/CRI 90 / 5,5W - 540 lm - 3000K/CRI 90



Apparecchio di illuminazione da semi-incasso a LED. Fonte di alimentazione esclusa.

Semi-recessed luminaire with LED light source. Power supply not included.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish



Alimentazioni raccomandate / Recommended power supply\*:

	450 mA	500 mA
Non Dimmable	RF31855	RF31855
Dimmable 0/1-10V	RF27961	RF27961
Dimmable Dali 2	60.9222	60.9222
Mains Dimming	60.9467	60.9411
Casambi	60.9207	60.9207

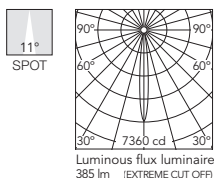
\* Vedi capitolo Drivers / Refer to the Drivers chapter

**E I 2700K**

03.0761.40A
03.0761.CEA
03.0761.TKA
03.0761.14A

**E I**

03.0719.40A
03.0719.CEA
03.0719.TKA
03.0719.14A



Beam Angle: 11°

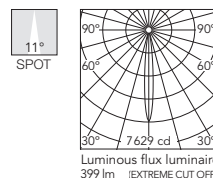
h(m)	E(lx)	D(m)
1	7360	0.19
2	1840	0.38
3	818	0.57
4	460	0.76
5	294	0.95

**E I 3000K**

03.0760.40A
03.0760.CEA
03.0760.TKA
03.0760.14A

**E I**

03.0718.40A
03.0718.CEA
03.0718.TKA
03.0718.14A



Beam Angle: 11°

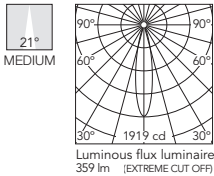
h(m)	E(lx)	D(m)
1	7629	0.19
2	1907	0.38
3	848	0.57
4	477	0.76
5	305	0.95

**E I 2700K**

03.0763.40A
03.0763.CEA
03.0763.TKA
03.0763.14A

**E I**

03.0721.40A
03.0721.CEA
03.0721.TKA
03.0721.14A



Beam Angle: 21°

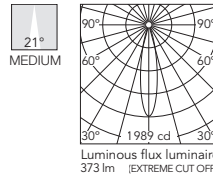
h(m)	E(lx)	D(m)
1	1919	0.37
2	480	0.74
3	213	1.12
4	120	1.49
5	77	1.86

**E I 3000K**

03.0762.40A
03.0762.CEA
03.0762.TKA
03.0762.14A

**E I**

03.0720.40A
03.0720.CEA
03.0720.TKA
03.0720.14A



Beam Angle: 21°

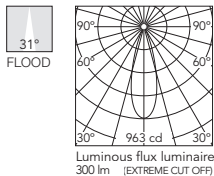
h(m)	E(lx)	D(m)
1	1989	0.37
2	497	0.74
3	221	1.12
4	124	1.49
5	80	1.86

**E I 2700K**

03.0765.40A
03.0765.CEA
03.0765.TKA
03.0765.14A

**E I**

03.0723.40A
03.0723.CEA
03.0723.TKA
03.0723.14A



Beam Angle: 31°

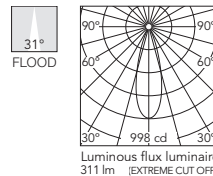
h(m)	E(lx)	D(m)
1	963	0.55
2	241	1.10
3	107	1.65
4	60	2.20
5	39	2.75

**E I 3000K**

03.0764.40A
03.0764.CEA
03.0764.TKA
03.0764.14A

**E I**

03.0722.40A
03.0722.CEA
03.0722.TKA
03.0722.14A



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	998	0.55
2	249	1.10
3	111	1.65
4	62	2.20
5	40	2.75

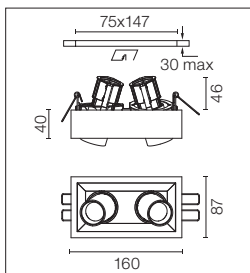
# JOHNNY 80

## Johnny 80 Semi-Recessed 2L Square

### Light Source: Power LED

Without accessories: 500 mA - 2x6,2W - 2x560 lm - 2700K/CRI 90 / 2x6,2W - 2x600 lm - 3000K/CRI 90

With accessories: DC 450 mA - 2x5,5W - 2x505 lm - 2700K/CRI 90 / 2x5,5W - 2x540 lm - 3000K/CRI 90



Apparecchio di illuminazione da semi-incasso a LED. Fonte di alimentazione esclusa. Si richiede una fonte di alimentazione per ogni corpo ottico.

Semi-recessed luminaire with LED light source. Power supply not included. Requires one power supply for each optic body.

Accessori inclusi (honeycomb e filtro a croce antiabbagliamento).

Accessories included (honeycomb and screening crosspiece).

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish



### Alimentazioni raccomandate / Recommended power supply\*:

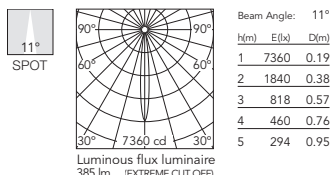
	450 mA	500 mA
Non Dimmable	RF31855	RF31855
Dimmable 0/1-10V	RF27961	RF27961
Dimmable Dali 2	60.9222	60.9222
Mains Dimming	60.9467	60.9411
Casambi	60.9207	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

E	I	2700K
□	□	03.0771.40A
■	□	03.0771.CEA
□	■	03.0771.TKA
■	■	03.0771.14A

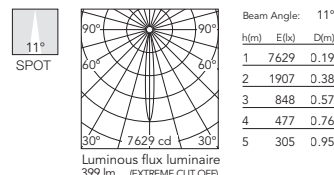
E	I	3000K
□	□	03.0731.40A
■	□	03.0731.CEA
□	■	03.0731.TKA
■	■	03.0731.14A



E	I	3000K
□	□	03.0770.40A
■	□	03.0770.CEA
□	■	03.0770.TKA
■	■	03.0770.14A

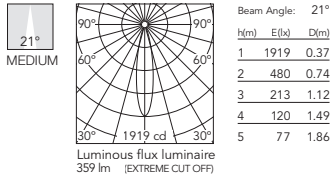
E	I	2700K
□	□	03.0730.40A
■	□	03.0730.CEA
□	■	03.0730.TKA
■	■	03.0730.14A



E	I	2700K
□	□	03.0773.40A
■	□	03.0773.CEA
□	■	03.0773.TKA
■	■	03.0773.14A

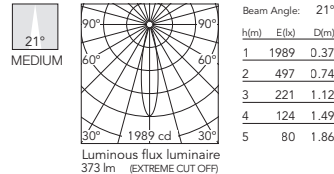
E	I	3000K
□	□	03.0733.40A
■	□	03.0733.CEA
□	■	03.0733.TKA
■	■	03.0733.14A



E	I	3000K
□	□	03.0772.40A
■	□	03.0772.CEA
□	■	03.0772.TKA
■	■	03.0772.14A

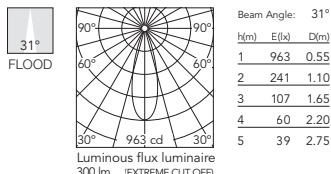
E	I	2700K
□	□	03.0732.40A
■	□	03.0732.CEA
□	■	03.0732.TKA
■	■	03.0732.14A



E	I	2700K
□	□	03.0775.40A
■	□	03.0775.CEA
□	■	03.0775.TKA
■	■	03.0775.14A

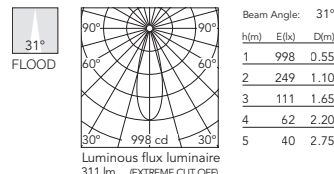
E	I	3000K
□	□	03.0735.40A
■	□	03.0735.CEA
□	■	03.0735.TKA
■	■	03.0735.14A



E	I	3000K
□	□	03.0774.40A
■	□	03.0774.CEA
□	■	03.0774.TKA
■	■	03.0774.14A

E	I	2700K
□	□	03.0734.40A
■	□	03.0734.CEA
□	■	03.0734.TKA
■	■	03.0734.14A



# JOHNNY 80

## Accessori / Accessories

### Johnny 80 No Trim 1L

---

Cornice di installazione No Trim.  
Johnny ø80.



Johnny ø80 Round  
 08.9102.00

Installation frame No Trim.  
Johnny ø80.

---

Cornice di installazione No Trim.  
Johnny □80.



Johnny □80 Square  
 08.9103.00

Installation frame No Trim.  
Johnny □80.

---

### Johnny 80 No Trim 2L Square

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Cornice di installazione No Trim.  
Johnny 80 2L Square.



08.9105.00

Installation frame No Trim.  
Johnny 80 2L Square.

---

# JOHNNY 120

## Johnny 120 Light Source

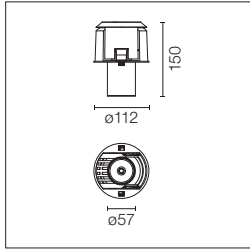
### Light Source:

Without accessories: LED Array High Performance DC 500 mA - 20W - 2049 lm - 2700K/CRI 90 / 20W - 2183 lm - 3000K/CRI 90

With accessories: LED Array High Performance DC 450 mA - 18W - 1862 lm - 2700K/CRI 90 / 18W - 1984 lm - 3000K/CRI 90

Without accessories: LED Array DC 500 mA - 18W - 1770 lm - 2700K/CRI 90 / 18W - 1870 lm - 3000K/CRI 90

With accessories: LED Array DC 450 mA - 16W - 1612 lm - 2700K/CRI 90 / 16W - 1704 lm - 3000K/CRI 90



Apparecchio di illuminazione da incasso a LED. Fonte di alimentazione esclusa. È necessario una fonte di alimentazione per ogni sorgente luminosa.

Recessed luminaire with LED light source. Power supply not included. One driver is needed per each light source.

\*\*Part number with certificate: 0741 / 0743 / 0745 / 0740 / 0742 / 0744

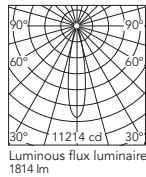
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	RF31855
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9222
Mains Dimming	60.9467
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### High Performance 2700K

03.0801.40A  
03.0801.14A



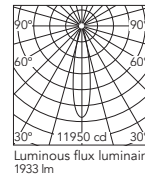
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	11214	0.37
2	2804	0.74
3	1246	1.11
4	701	1.48
5	449	1.85

Luminous flux luminaire  
1814 lm

### High Performance 3000K

03.0800.40A  
03.0800.14A



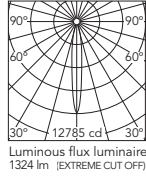
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	11950	0.37
2	2988	0.74
3	1328	1.11
4	747	1.48
5	478	1.85

Luminous flux luminaire  
1933 lm

### 2700K

03.0741.40  
03.0741.14



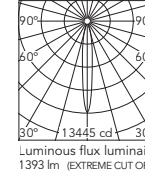
Beam Angle: 13°

h(m)	E(lx)	D(m)
1	12785	0.22
2	3196	0.44
3	1421	0.66
4	799	0.88
5	511	1.10

Luminous flux luminaire  
1324 lm (EXTREME CUT OFF)

### 3000K

03.0740.40  
03.0740.14



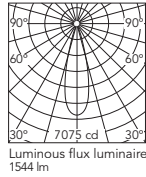
Beam Angle: 13°

h(m)	E(lx)	D(m)
1	13445	0.22
2	3361	0.44
3	1494	0.66
4	840	0.88
5	538	1.10

Luminous flux luminaire  
1393 lm (EXTREME CUT OFF)

### High Performance 2700K

03.0803.40A  
03.0803.14A



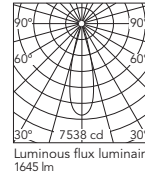
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	7075	0.49
2	1769	0.98
3	786	1.47
4	442	1.96
5	283	2.44

Luminous flux luminaire  
1544 lm

### High Performance 3000K

03.0802.40A  
03.0802.14A



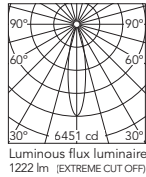
Beam Angle: 27°

h(m)	E(lx)	D(m)
1	7538	0.49
2	1884	0.98
3	838	1.47
4	471	1.96
5	302	2.44

Luminous flux luminaire  
1645 lm

### 2700K

03.0743.40  
03.0743.14



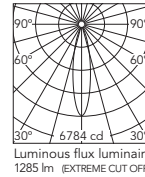
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	6451	0.39
2	1613	0.79
3	717	1.18
4	403	1.58
5	258	1.97

Luminous flux luminaire  
1222 lm (EXTREME CUT OFF)

### 3000K

03.0742.40  
03.0742.14



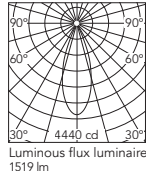
Beam Angle: 22°

h(m)	E(lx)	D(m)
1	6784	0.39
2	1696	0.79
3	754	1.18
4	424	1.58
5	271	1.97

Luminous flux luminaire  
1285 lm (EXTREME CUT OFF)

### High Performance 2700K

03.0805.40A  
03.0805.14A



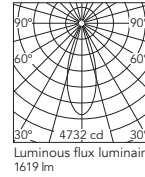
Beam Angle: 36°

h(m)	E(lx)	D(m)
1	4440	0.64
2	1110	1.28
3	493	1.92
4	277	2.56
5	178	3.20

Luminous flux luminaire  
1519 lm

### High Performance 3000K

03.0804.40A  
03.0804.14A



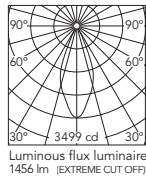
Beam Angle: 36°

h(m)	E(lx)	D(m)
1	4732	0.64
2	1183	1.28
3	526	1.92
4	296	2.56
5	189	3.20

Luminous flux luminaire  
1619 lm

### 2700K

03.0745.40  
03.0745.14



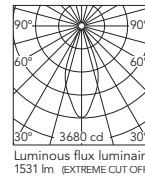
Beam Angle: 41°

h(m)	E(lx)	D(m)
1	3499	0.75
2	875	1.50
3	389	2.25
4	219	3.00
5	140	3.75

Luminous flux luminaire  
1456 lm (EXTREME CUT OFF)

### 3000K

03.0744.40  
03.0744.14



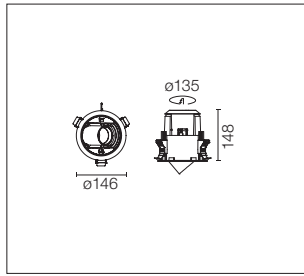
Beam Angle: 41°

h(m)	E(lx)	D(m)
1	3680	0.75
2	920	1.50
3	409	2.25
4	230	3.00
5	147	3.75

Luminous flux luminaire  
1531 lm (EXTREME CUT OFF)

# JOHNNY 120

## Johnny 120 Round 1L – Recessed Universal Frame



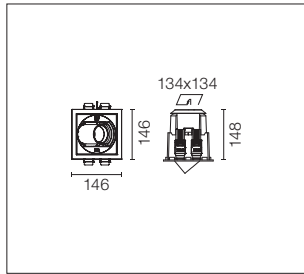
Codice unico per montaggio a incasso Trim o No Trim.  
 08.0555.00=cornice bianca compresa per completare la finitura Trim.  
 08.0505.00=cornici bianche e nere comprese come optional per completare la finitura Trim.

Unique reference for Trim or No Trim recessed installation.  
 08.0555.00=includes white frame to complete Trim finishing.  
 08.0505.00=includes optional white and black frames to complete Trim finishing.

- 08.0555.00
- + 1x Light Source
- + 1x Driver

- 08.0505.00
- + 1x Light Source
- + 1x Driver

## Johnny 120 Square 1L – Recessed Universal Frame



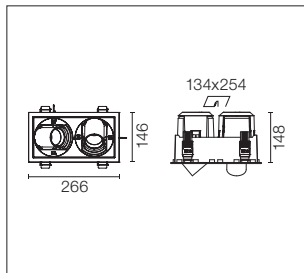
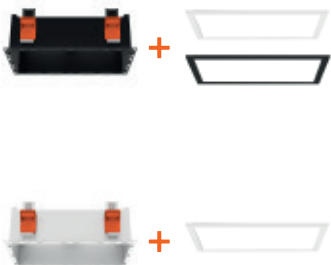
Codice unico per montaggio a incasso Trim o No Trim.  
 08.0550.00=cornice bianca compresa per completare la finitura Trim.  
 08.0500.00=cornici bianche e nere comprese come optional per completare la finitura Trim.

Unique reference for Trim or No Trim recessed installation.  
 08.0550.00=includes white frame to complete Trim finishing.  
 08.0500.00=includes optional white and black frames to complete Trim finishing.

- 08.0550.00
- + 1x Light Source
- + 1x Driver

- 08.0500.00
- + 1x Light Source
- + 1x Driver

## Johnny 120 Square 2L – Recessed Universal Frame



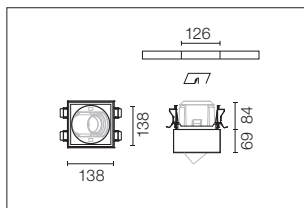
Codice unico per montaggio a incasso Trim o No Trim.  
 08.0551.00=cornice bianca compresa per completare la finitura Trim.  
 08.0501.00=cornici bianche e nere comprese come optional per completare la finitura Trim.

Unique reference for Trim or No Trim recessed installation.  
 08.0551.00=includes white frame to complete Trim finishing.  
 08.0501.00=includes optional white and black frames to complete Trim finishing.

- 08.0551.00
- + 2x Light Source
- + 2x Driver

- 08.0501.00
- + 2x Light Source
- + 2x Driver

## Johnny 120 Semi-Recessed 1L Square – Housing



- | E | I |            |
|---|---|------------|
|   |   | 08.0556.40 |
|   |   | 08.0556.CE |
|   |   | 08.0556.TK |
|   |   | 08.0556.14 |
- + 1x Light Source
  - + 1x Driver

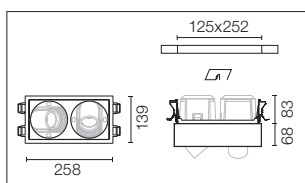
- | E | I |            |
|---|---|------------|
|   |   | 08.0506.40 |
|   |   | 08.0506.CE |
|   |   | 08.0506.TK |
|   |   | 08.0506.14 |
- + 1x Light Source
  - + 1x Driver

## Johnny 120 Semi-Recessed 2L Square – Housing



- | E | I |            |
|---|---|------------|
|   |   | 08.0557.40 |
|   |   | 08.0557.CE |
|   |   | 08.0557.TK |
|   |   | 08.0557.14 |
- + 2x Light Source
  - + 2x Driver

- | E | I |            |
|---|---|------------|
|   |   | 08.0507.40 |
|   |   | 08.0507.CE |
|   |   | 08.0507.TK |
|   |   | 08.0507.14 |
- + 2x Light Source
  - + 2x Driver



# JOHNNY 120

## Light Source:

With accessories: LED Array High Performance DC 450 mA - 18W - 1862 lm - 2700K/CRI 90 / 18W - 1984 lm - 3000K/CRI 90

With accessories: LED Array DC 450 mA - 16W - 1612 lm - 2700K/CRI 90 / 16W - 1704 lm - 3000K/CRI 90

## Accessori / Accessories

Filtro a croce antiabbagliamento  
Screening crosspiece



08.8429.00

Lente flood  
Flood lens



08.8432.00

Lente ellittica  
Elliptical lens



08.8431.00

Honeycomb  
Honeycomb



08.8428.00

Cono di schermatura  
Snoot shielding cone



08.0526.00

## HOW TO ORDER JOHNNY 120

TRIM / NO TRIM 1L ROUND		TRIM / NO TRIM 1L SQUARE		TRIM / NO TRIM 2L SQUARE	
Universal frame		Universal frame		Universal frame	
08.0505.00	08.0555.00	08.0500.00	08.0550.00	08.0501.00	08.0551.00
+ 1x Light Source*		+ 1x Light Source*		+ 2x Light Source*	
	2700K	3000K	2700K High Perf.	3000K High Perf.	
Spot	03.0741.40 03.0741.14	03.0740.40 03.0740.14	03.0801.40 03.0801.14	03.0800.40 03.0800.14	
Medium	03.0743.40 03.0743.14	03.0742.40 03.0742.14	03.0803.40 03.0803.14	03.0802.40 03.0802.14	
Flood	03.0745.40 03.0745.14	03.0744.40 03.0744.14	03.0805.40 03.0805.14	03.0804.40 03.0804.14	
=		=		=	
	No Trim		No Trim		No Trim
	Trim White		Trim White		Trim White
	Trim Black		Trim Black		Trim Black

\* Fonte di alimentazione esclusa. È necessario una fonte di alimentazione per ogni sorgente luminosa / Power supply not included. One driver is needed per each light source.

# HOW TO ORDER JOHNNY 120

SEMI-RECESSED 1L SQUARE					SEMI-RECESSED 2L SQUARE				
Housing					Housing				
08.0506.40	08.0506.CE	08.0506.TK	08.0506.14		08.0507.40	08.0507.CE	08.0507.TK	08.0507.14	
08.0556.40	08.0556.CE	08.0556.TK	08.0556.14		08.0557.40	08.0557.CE	08.0557.TK	08.0557.14	
+					+				
1x Light Source*					2x Light Source*				
	2700K	3000K	2700K High Perf.	3000K High Perf.		2700K	3000K	2700K High Perf.	3000K High Perf.
Spot	03.0741.40	03.0740.40	03.0801.40	03.0800.40	Spot	03.0741.40	03.0740.40	03.0801.40	03.0800.40
	03.0741.14	03.0740.14	03.0801.14	03.0800.14		03.0741.14	03.0740.14	03.0801.14	03.0800.14
Medium	03.0743.40	03.0742.40	03.0803.40	03.0802.40	Medium	03.0743.40	03.0742.40	03.0803.40	03.0802.40
	03.0743.14	03.0742.14	03.0803.14	03.0802.14		03.0743.14	03.0742.14	03.0803.14	03.0802.14
Flood	03.0745.40	03.0744.40	03.0805.40	03.0804.40	Flood	03.0745.40	03.0744.40	03.0805.40	03.0804.40
	03.0745.14	03.0744.14	03.0805.14	03.0804.14		03.0745.14	03.0744.14	03.0805.14	03.0804.14
=					=				
White	Concrete	Teak	Black		White	Concrete	Teak	Black	

\* Fonte di alimentazione esclusa. È necessario una fonte di alimentazione per ogni sorgente luminosa / Power supply not included. One driver is needed per each light source.





# SPOTLIGHTS

Light Shadow Spot, Camera, Find Me,  
UT Spot&Pro, Wan Spot.

NEW

LIGHT SHADOW SPOT  
DESIGNED BY FLOS ARCHITECTURAL



**Descrizione**

Serie di faretto che la tecnologia esclusiva e brevettata di Flos mette a disposizione della famiglia d'apparecchi d'illuminazione Light Shadow, con lenti bifocali e corpo ottico con una ampia schermatura e massimo comfort visuale.

Ecco perché questa famiglia di faretto (disponibili per binari trifase e per i sistemi e le strutture compatibili di Flos) rappresenta la tecnologia più avanzata in materia di gestione ottica della luce per questa tipologia di prodotti. Non esiste un'altra forma di trattare meglio il flusso bruto della fonte luminosa e ciò deriva in una Light Output Ratio eccellente in tutte le sue opzioni di fasci d'illuminazione (beam angle). Tutto questo e la distribuzione omogenea e impeccabile della luce fanno di questa famiglia di faretto lo strumento d'illuminazione perfetto per i progetti professionali più esigenti.

Questa tecnologia all'avanguardia è concentrata in un prodotto compatto, dalla forma semplice ed essenziale. Inoltre, i faretto Light Shadow Spot sono disponibili con differenti rifiniture, tra le quali troviamo sofisticate opzioni metalliche che ne fanno degli elementi di decorazione unici nel loro genere. Su richiesta sono disponibili altre opzioni colorate, tanto per le rifiniture degli elementi cilindrici (external) quanto dei coni interni (internal) o delle parti posteriori, i braccetti e gli adattatori (rear).

**Sistema Ottico**

Questa famiglia di prodotti offre delle opzioni di fasci luminosi in tutte le gamme, da Super Spot a Wide Flood. Si consultino le opzioni disponibili per ogni modello.

**Sistemi di Controllo**

I faretto Light Shadow Spot sono disponibili nelle versioni dimmerabili in base al protocollo Casambi, DALI e con sensore potenziometrico integrato. Si consultino le informazioni corrispondenti a ogni modello.

**Accessori**

Tutti i modelli dispongono di accessori opzionali:  
- Schermo nido d'ape  
- Filtri Dicroici CCT.

**Informazioni aggiuntive**

Prima di effettuare l'ordine, si consiglia di conoscere a fondo le caratteristiche del prodotto, consultando la pagina web di Flos, la scheda tecnica del prodotto e le istruzioni per l'installazione e il montaggio, in modo da completare le informazioni che non sono state raccolte in questo catalogo o che sono state aggiornate posteriormente alla sua pubblicazione e che potrebbero essere importanti per un progetto o un'installazione specifica.

**Conformità con la Normativa e i Marchi di Controllo di Qualità**

Gli apparecchi d'illuminazione sono conformi alla Normativa Tecnica Europea EN60598-1 seconde parti.

**Description**

A range of spots that offers the exclusive and patented Flos technology for its Light Shadow family of luminaires, with double focal lenses and high shielding optical body and maximum visual comfort.

As a result, this family of spots (available for standard three-phase tracks and for compatible Flos systems and structures) represents the technological zenith in optical light management for this type of product.

The unbeatable treatment of the raw light source flux results in an excellent Light Output Ratio in any of its beam angles. This, together with an even and impeccable light distribution, makes this family of spotlights the perfect lighting tool for the most demanding professional projects. These state-of-the-art technical conditions are found in a compact, simple and essential product. The Light Shadow Spots are also available in different finishes, including sophisticated metallic features that make them stand out as a decorative element with a personality of its own. Other color options are available on request, both for the cylindrical bodies' finishes (external) and for the inner cones (internal), or the rear parts, arm and adapter (rear).

**Optical System**

The product family offers Beam Angle options from Super Spot to Wide Flood. Please see specific options for each model.

**Control Systems**

Light Shadow Spots are available in dimmable options under Casambi, DALI protocols and with integrated potentiometer. Please refer to specific options for each model.

**Accessories**

Optional accessories are available for all models:  
- Honeycomb.  
- CCT dichroic filters.

**Additional Information**

Before placing your order, please consult the product details also in the Flos professional website, in its technical data sheet and in the installation and assembly instructions in order to know in detail all the information that may not be included in this catalogue, that may have been updated online after this edition or that could be relevant to your project or specific installation.

**Standard Compliance and Quality Marks**

Luminaire complies with the European Technical Standard EN60598-1 and secondary parts.

**FLOS**  
CONTROL BY CASAMBI



## LIGHT SHADOW SPOT

DESIGNED BY FLOS ARCHITECTURAL

LIGHT SHADOW  
SPOT 45

**LIGHT SOURCE**  
LED ARRAY  
11,5W  
844 lm  
3000K/CRI 90  
915 lm  
4000K/CRI 90

LIGHT SHADOW  
SPOT 60

**LIGHT SOURCE**  
LED ARRAY  
Up to 22W  
Up to 1751 lm  
3000K/CRI 90  
Up to 1815 lm  
4000K/CRI 90

□ 40 Bianco  
40 White



■ 14 Nero  
14 Black



▣ 40.78/YU/C6 All White



■ EQ Rame Spazzolato  
EQ Brushed Copper



▣ ER Acciaio Spazzolato  
ER Brushed Steel



■ ES Bronzo Spazzolato  
ES Brushed Bronze



## THE TRACKING MAGNET & INFRA-STRUCTURE

### LIGHT SHADOW SPOT 30



**LIGHT SOURCE**  
 POWER LED  
 4,5W  
 257 lm  
 2700K/CRI 90  
 263 lm  
 3000K/CRI 90

### LIGHT SHADOW SPOT 45



**LIGHT SOURCE**  
 LED ARRAY  
 10W  
 799 lm  
 2700K/CRI 90  
 844 lm  
 3000K/CRI 90

### LIGHT SHADOW SPOT 60



**LIGHT SOURCE**  
 LED ARRAY  
 Up to 20W  
 Up to 1563 lm  
 2700K/CRI 90  
 Up to 1751 lm  
 3000K/CRI 90

\* Vedi capitolo The Tracking Magnet & Infra-Structure / Refer to The Tracking Magnet & Infra-Structure chapter

## THE RUNNING MAGNET

### LIGHT SHADOW SPOT 30



**LIGHT SOURCE**  
 POWER LED  
 4W  
 257 lm  
 2700K/CRI 90  
 263 lm  
 3000K/CRI 90

### LIGHT SHADOW SPOT 45

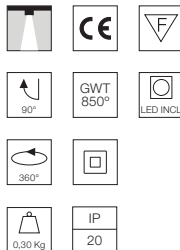
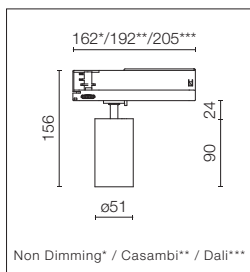


**LIGHT SOURCE**  
 LED ARRAY  
 10W  
 756 lm  
 2700K/CRI 90  
 799 lm  
 3000K/CRI 90

\* Vedi capitolo The Running Magnet / Refer to The Running Magnet chapter

## Light Shadow Spot 45

Light Source: LED Array 11,5W - 844 lm - 3000K/CRI 90 / 11,5W - 915 lm - 4000K/CRI 90



Faretto da installare su un binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Per tutte le rifiniture è disponibile l'adattatore a binario, il braccetto e la parte posteriore della testina in colore nero. Per le versioni "bianco assoluto", l'adattatore a binario, il braccetto e la parte posteriore della testina sono bianchi. Lo schermo è sempre disponibile con la rifinitura anti-abbaglio in nero tecnico patinato.

Per altre rifiniture, consultare.

Projector to be installed on three-phase track with LED light source. Built-in 220-240V, 50-60Hz power supply.

All finishes come with black track adapter, arm and back of the head. In the "all white" versions the track adapter, arm and back of the head come in white. The display is always offered in high gloss technical black anti-glare finish.

For other finishes, please consult us.

## Optic Spot - 3000K

Non Dimmable

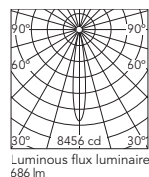
- 05.9205.40
- 05.9205.14
- 05.9205.ER
- 05.9205.ES
- 05.9205.EQ
- 05.9205.40.78

Dali 2

- 05.9205.40ADA
- 05.9205.14ADA
- 05.9205.ERADA
- 05.9205.ESADA
- 05.9205.EQADA
- 05.9205.40AYU

Casambi

- 05.9205.40ACB
- 05.9205.14ACB
- 05.9205.ERACB
- 05.9205.ESACB
- 05.9205.EQACB
- 05.9205.40AC6



h(m)	E(lx)	D(m)
1	8456	0.27
2	2114	0.54
3	940	0.80
4	528	1.07
5	338	1.34

## Optic Spot - 4000K

Non Dimmable

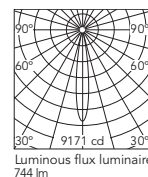
- 05.9210.40
- 05.9210.14
- 05.9210.ER
- 05.9210.ES
- 05.9210.EQ
- 05.9210.40.78

Dali 2

- 05.9210.40ADA
- 05.9210.14ADA
- 05.9210.ERADA
- 05.9210.ESADA
- 05.9210.EQADA
- 05.9210.40AYU

Casambi

- 05.9210.40ACB
- 05.9210.14ACB
- 05.9210.ERACB
- 05.9210.ESACB
- 05.9210.EQACB
- 05.9210.40AC6



h(m)	E(lx)	D(m)
1	9171	0.27
2	2293	0.54
3	1019	0.80
4	573	1.07
5	367	1.34

## Optic Medium - 3000K

Non Dimmable

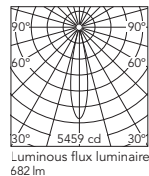
- 05.9206.40
- 05.9206.14
- 05.9206.ER
- 05.9206.ES
- 05.9206.EQ
- 05.9206.40.78

Dali 2

- 05.9206.40ADA
- 05.9206.14ADA
- 05.9206.ERADA
- 05.9206.ESADA
- 05.9206.EQADA
- 05.9206.40AYU

Casambi

- 05.9206.40ACB
- 05.9206.14ACB
- 05.9206.ERACB
- 05.9206.ESACB
- 05.9206.EQACB
- 05.9206.40AC6



h(m)	E(lx)	D(m)
1	5459	0.36
2	1365	0.73
3	607	1.09
4	341	1.46
5	218	1.82

## Optic Medium - 4000K

Non Dimmable

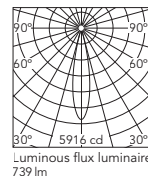
- 05.9211.40
- 05.9211.14
- 05.9211.ER
- 05.9211.ES
- 05.9211.EQ
- 05.9211.40.78

Dali 2

- 05.9211.40ADA
- 05.9211.14ADA
- 05.9211.ERADA
- 05.9211.ESADA
- 05.9211.EQADA
- 05.9211.40AYU

Casambi

- 05.9211.40ACB
- 05.9211.14ACB
- 05.9211.ERACB
- 05.9211.ESACB
- 05.9211.EQACB
- 05.9211.40AC6



h(m)	E(lx)	D(m)
1	5916	0.36
2	1479	0.73
3	657	1.09
4	370	1.46
5	237	1.82

**Optic Flood - 3000K**

Non Dimmable

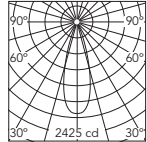
- 05.9207.40
- 05.9207.14
- 05.9207.ER
- 05.9207.ES
- 05.9207.EQ
- 05.9207.40.78

Dali 2

- 05.9207.40ADA
- 05.9207.14ADA
- 05.9207.ERADA
- 05.9207.ESADA
- 05.9207.EQADA
- 05.9207.40AYU

Casambi

- 05.9207.40ACB
- 05.9207.14ACB
- 05.9207.ERACB
- 05.9207.ESACB
- 05.9207.EQACB
- 05.9207.40AC6



Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2424	0.56
2	606	1.11
3	269	1.67
4	152	2.22
5	97	2.78

Luminous flux luminaire  
682 lm

**Optic Flood - 4000K**

Non Dimmable

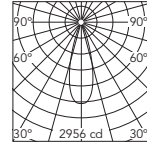
- 05.9212.40
- 05.9212.14
- 05.9212.ER
- 05.9212.ES
- 05.9212.EQ
- 05.9212.40.78

Dali 2

- 05.9212.40ADA
- 05.9212.14ADA
- 05.9212.ERADA
- 05.9212.ESADA
- 05.9212.EQADA
- 05.9212.40AYU

Casambi

- 05.9212.40ACB
- 05.9212.14ACB
- 05.9212.ERACB
- 05.9212.ESACB
- 05.9212.EQACB
- 05.9212.40AC6



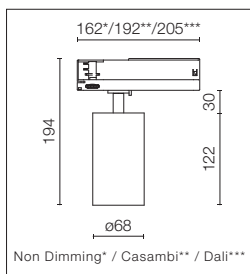
Beam Angle: 31°

h(m)	E(lx)	D(m)
1	2627	0.56
2	657	1.11
3	292	1.67
4	164	2.22
5	105	2.78

Luminous flux luminaire  
739 lm

## Light Shadow Spot 60

**Light Source:** Super Spot: LED Array 11W - 844 lm - 3000K/CRI 90 / 11W - 915 lm - 4000K/CRI 90  
S/M/F/WF: LED Array 22W - 1751 lm - 3000K/CRI 90 / 22W - 1815 lm - 4000K/CRI 90



Faretto da installare su un binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Per tutte le rifiniture è disponibile l'adattatore a binario, il braccetto e la parte posteriore della testina in colore nero. Per le versioni "bianco assoluto", l'adattatore a binario, il braccetto e la parte posteriore della testina sono bianchi. Lo schermo è sempre disponibile con la rifinitura anti-abbaglio in nero tecnico patinato.

Per altre rifiniture, consultare.

Projector to be installed on three-phase track with LED light source. Built-in 220-240V, 50-60Hz power supply.

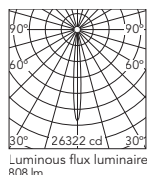
All finishes come with black track adapter, arm and back of the head. In the "all white" versions the track adapter, arm and back of the head come in white. The display is always offered in high gloss technical black anti-glare finish.

For other finishes, please consult us.

## Optic Super Spot - 3000K

Non Dimmable

- 05.9235.40
- 05.9235.14
- 05.9235.ER
- 05.9235.ES
- 05.9235.EQ
- 05.9235.40.78

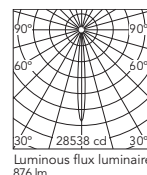


h(m)	E(lx)	D(m)
1	26322	0.16
2	6581	0.32
3	2925	0.48
4	1645	0.64
5	1053	0.80

## Optic Super Spot - 4000K

Non Dimmable

- 05.9240.40
- 05.9240.14
- 05.9240.ER
- 05.9240.ES
- 05.9240.EQ
- 05.9240.40.78



h(m)	E(lx)	D(m)
1	28538	0.16
2	7134	0.32
3	3171	0.48
4	1784	0.64
5	1142	0.80

Dali 2

- 05.9235.40ADA
- 05.9235.14ADA
- 05.9235.ERADA
- 05.9235.ESADA
- 05.9235.EQADA
- 05.9235.40AYU

Dali 2

- 05.9240.40ADA
- 05.9240.14ADA
- 05.9240.ERADA
- 05.9240.ESADA
- 05.9240.EQADA
- 05.9240.40AYU

Casambi

- 05.9235.40ACB
- 05.9235.14ACB
- 05.9235.ERACB
- 05.9235.ESACB
- 05.9235.EQACB
- 05.9235.40AC6

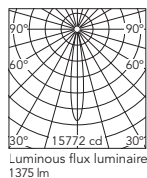
Casambi

- 05.9240.40ACB
- 05.9240.14ACB
- 05.9240.ERACB
- 05.9240.ESACB
- 05.9240.EQACB
- 05.9240.40AC6

## Optic Spot - 3000K

Non Dimmable

- 05.9236.40
- 05.9236.14
- 05.9236.ER
- 05.9236.ES
- 05.9236.EQ
- 05.9236.40.78

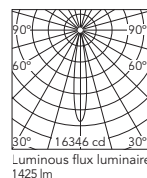


h(m)	E(lx)	D(m)
1	15772	0.27
2	3943	0.54
3	1752	0.81
4	986	1.09
5	631	1.36

## Optic Spot - 4000K

Non Dimmable

- 05.9241.40
- 05.9241.14
- 05.9241.ER
- 05.9241.ES
- 05.9241.EQ
- 05.9241.40.78



h(m)	E(lx)	D(m)
1	16346	0.27
2	4086	0.54
3	1816	0.81
4	1022	1.09
5	654	1.36

Dali 2

- 05.9236.40ADA
- 05.9236.14ADA
- 05.9236.ERADA
- 05.9236.ESADA
- 05.9236.EQADA
- 05.9236.40AYU

Dali 2

- 05.9241.40ADA
- 05.9241.14ADA
- 05.9241.ERADA
- 05.9241.ESADA
- 05.9241.EQADA
- 05.9241.40AYU

Casambi

- 05.9236.40ACB
- 05.9236.14ACB
- 05.9236.ERACB
- 05.9236.ESACB
- 05.9236.EQACB
- 05.9236.40AC6

Casambi

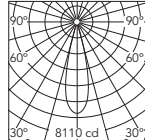
- 05.9241.40ACB
- 05.9241.14ACB
- 05.9241.ERACB
- 05.9241.ESACB
- 05.9241.EQACB
- 05.9241.40AC6



## Optic Medium - 3000K

Non Dimmable

- 05.9237.40
- 05.9237.14
- 05.9237.ER
- 05.9237.ES
- 05.9237.EQ
- 05.9237.40.78



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	8110	0.45
2	2027	0.91
3	901	1.36
4	507	1.82
5	324	2.27

Luminous flux luminaire  
1427 lm

Dali 2

- 05.9237.40ADA
- 05.9237.14ADA
- 05.9237.ERADA
- 05.9237.ESADA
- 05.9237.EQADA
- 05.9237.40AYU

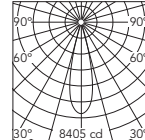
Casambi

- 05.9237.40ACB
- 05.9237.14ACB
- 05.9237.ERACB
- 05.9237.ESACB
- 05.9237.EQACB
- 05.9237.40AC6

## Optic Medium - 4000K

Non Dimmable

- 05.9242.40
- 05.9242.14
- 05.9242.ER
- 05.9242.ES
- 05.9242.EQ
- 05.9242.40.78



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	8405	0.45
2	2101	0.91
3	934	1.36
4	525	1.82
5	336	2.27

Luminous flux luminaire  
1479 lm

Dali 2

- 05.9242.40ADA
- 05.9242.14ADA
- 05.9242.ERADA
- 05.9242.ESADA
- 05.9242.EQADA
- 05.9242.40AYU

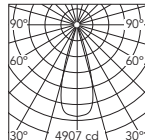
Casambi

- 05.9242.40ACB
- 05.9242.14ACB
- 05.9242.ERACB
- 05.9242.ESACB
- 05.9242.EQACB
- 05.9242.40AC6

## Optic Flood - 3000K

Non Dimmable

- 05.9238.40
- 05.9238.14
- 05.9238.ER
- 05.9238.ES
- 05.9238.EQ
- 05.9238.40.78



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	4907	0.60
2	1227	1.20
3	545	1.80
4	307	2.40
5	196	3.00

Luminous flux luminaire  
1431 lm

Dali 2

- 05.9238.40ADA
- 05.9238.14ADA
- 05.9238.ERADA
- 05.9238.ESADA
- 05.9238.EQADA
- 05.9238.40AYU

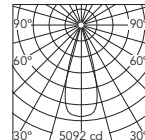
Casambi

- 05.9238.40ACB
- 05.9238.14ACB
- 05.9238.ERACB
- 05.9238.ESACB
- 05.9238.EQACB
- 05.9238.40AC6

## Optic Flood - 4000K

Non Dimmable

- 05.9243.40
- 05.9243.14
- 05.9243.ER
- 05.9243.ES
- 05.9243.EQ
- 05.9243.40.78



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	5092	0.60
2	1273	1.20
3	566	1.80
4	318	2.40
5	204	3.00

Luminous flux luminaire  
1485 lm

Dali 2

- 05.9243.40ADA
- 05.9243.14ADA
- 05.9243.ERADA
- 05.9243.ESADA
- 05.9243.EQADA
- 05.9243.40AYU

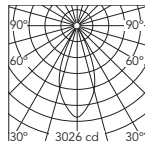
Casambi

- 05.9243.40ACB
- 05.9243.14ACB
- 05.9243.ERACB
- 05.9243.ESACB
- 05.9243.EQACB
- 05.9243.40AC6

## Optic Wide Flood - 3000K

Non Dimmable

- 05.9239.40
- 05.9239.14
- 05.9239.ER
- 05.9239.ES
- 05.9239.EQ
- 05.9239.40.78



Beam Angle: 43°

h(m)	E(lx)	D(m)
1	3026	0.79
2	757	1.59
3	336	2.38
4	189	3.17
5	121	3.97

Luminous flux luminaire  
1390 lm

Dali 2

- 05.9239.40ADA
- 05.9239.14ADA
- 05.9239.ERADA
- 05.9239.ESADA
- 05.9239.EQADA
- 05.9239.40AYU

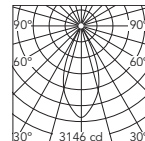
Casambi

- 05.9239.40ACB
- 05.9239.14ACB
- 05.9239.ERACB
- 05.9239.ESACB
- 05.9239.EQACB
- 05.9239.40AC6

## Optic Wide Flood - 4000K

Non Dimmable

- 05.9244.40
- 05.9244.14
- 05.9244.ER
- 05.9244.ES
- 05.9244.EQ
- 05.9244.40.78



Beam Angle: 43°

h(m)	E(lx)	D(m)
1	3146	0.79
2	787	1.59
3	350	2.38
4	197	3.17
5	126	3.97

Luminous flux luminaire  
1445 lm

Dali 2

- 05.9244.40ADA
- 05.9244.14ADA
- 05.9244.ERADA
- 05.9244.ESADA
- 05.9244.EQADA
- 05.9244.40AYU

Casambi

- 05.9244.40ACB
- 05.9244.14ACB
- 05.9244.ERACB
- 05.9244.ESACB
- 05.9244.EQACB
- 05.9244.40AC6

## Accessori / Accessories

## Light Shadow Spot 45

Pannello nido d'ape	Honeycomb		08.0793.00
Filtro bicromatico CCT	Dichroic CCT Filter	 	Increase 3000K >> 3600±75K 4000K >> 5100±75K 08.0794.00  Decrease 3000K >> 2700±75K 4000K >> 3400±75K 08.0795.00

## Light Shadow Spot 60

Pannello nido d'ape	Honeycomb	 	Super Spot 08.0175.14  Spot / Medium / Flood / Wide Flood 08.0176.14
Filtro bicromatico CCT	Dichroic CCT Filter	   	Increase Super Spot 3000K >> 3600±75K 4000K >> 5100±75K 08.0796.00  Spot / Medium / Flood / Wide Flood 3000K >> 3600±75K 4000K >> 5100±75K 08.0798.00  Decrease Super Spot 3000K >> 2700±75K 4000K >> 3400±75K 08.0797.00  Spot / Medium / Flood / Wide Flood 3000K >> 2700±75K 4000K >> 3400±75K 08.0799.00



# CAMERA

DESIGNED BY KNUD HOLSCHER

CAMERA 60



**LIGHT SOURCE**

LED ARRAY  
Up to 20W  
3000K/CRI 97  
Up to 1585 lm  
3500K/CRI 97  
Up to 1697 lm

CAMERA 90



**LIGHT SOURCE**

LED ARRAY  
Up to 32W  
3000K/CRI 97  
Up to 2585 lm  
3500K/CRI 97  
Up to 2715 lm

WA Bianco Tessuto  
WA Textured White

DR Antracite  
DR Anthracite



CAMERA 60  
IN-TRACK\*



CAMERA 90  
IN-TRACK\*



\* Vedi capitolo The Tracking Power / Refer to The Tracking Power chapter

## Descrizione

Apparecchio per interni da installare a binario trifase disponibile con sorgenti luminose a tecnologia Led di alta potenza in versione dimmerabile e non dimmerabile. La famiglia è disponibile in due misure (60 / 90). Il corpo ottico dell'apparecchio è il risultato di un'attenta ricerca ottica. Lente a doppio fuoco sviluppata da FLOS appositamente per questi prodotti. Garantisce il massimo controllo ottico e un'omogeneità della luce eccezionale. Camera sfrutta i benefici di un'innovativa lente in silicone micro texturizzata che permette un controllo estremo oltre a raggiungere un'efficienza assoluta, resistenza al calore e massima qualità nella distribuzione della luce. L'apparecchio integra un LED ARRAY abbinato ad un controllo speciale del fascio luminoso che permette di ottenere fasci molto stretti e illuminazione generale diffusa secondo le esigenze. Gruppo ottico cut-off integrato. Il Kit ottico disponibile include 5 aperture di fascio differenziate, ognuna sviluppata per un'applicazione speciale. Sia nel caso di fasci intensivi che di effetti di luce diffusa, il controllo ottico è sempre eccezionale e la luce spuria è totalmente assente.

## Unità di Alimentazione

Alimentatore a corrente continua incluso disponibile nelle versioni non regolabile o regolabile tramite "on board dimmer" integrato, DALI e Casambi. Per gestione con il sistema Casambi (Max. 200 apparecchi) è necessario ordinare apparecchi di illuminazione in versione Casambi. Per la gestione e controllo del sistema Casambi è necessario scaricare la APP FLOS Control® powered by Casambi (disponibile in Apple Store e Google Play) per dispositivi mobili.

## Accessori

- Disponibile honeycomb.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Description

Luminaire for indoor use to be mounted on three phase track, available in LED technology light sources and in dimmable and non-dimmable versions. The family is available in two sizes (60 / 90). The optical housing of the luminaire is the result of a careful optical research. Dual focus lens specifically developed by FLOS for these products. Ensures maximum optical control and exceptionally even light beams. Camera takes advantage of an innovative micro-textured silicone lens that allows extreme control as well as providing absolute efficiency, heat resistance and maximum quality in light distribution. It incorporates an LED Array with an innovative light projection treatment that allows very narrow optics and general lighting. Integrated full cut-off. The optical kit available includes 5 differentiated beam openings, each developed for a specific target application. Whether it's intensive beams or diffused light effects, optical control is always exceptional and fall-off is totally absent.

## Power Supply

Not dimmable or dimmable 220-240V, constant current, power supply included. Dimmable versions are available with DALI, Casambi or come with a built-in on board dimmer. For Casambi management (Max. 200 luminaires) it is mandatory to use fixtures in the Casambi version. For managing and controlling the Casambi system, the FLOS Control® app powered by Casambi for mobile devices is required (available in the Apple Store and Google Play).

## Accessories

- Honeycomb available.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

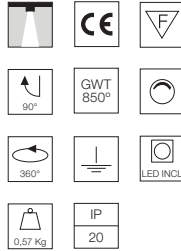
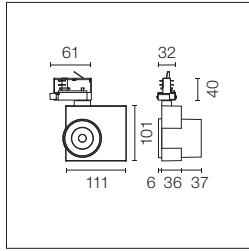
**FLOS**  
CONTROL BY CASAMBI



# CAMERA 60

## Camera 60 - GA 69

**Light Source:** Super Spot: LED Array 13W - 779 lm - 3000K/CRI 97 / 13W - 817 lm - 3500K/CRI 97  
S/M/F/WF: LED Array 20W - 1585 lm - 3000K/CRI 97 / 20W - 1697 lm - 3500K/CRI 97

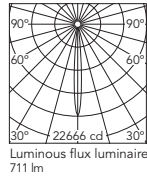


Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

### Optic Super Spot 3000K

- Non Dimmable
- 09.8110.WA
- 09.8110.DR
- On Board Dimmer
- 09.8110.WA.PC
- 09.8110.DR.PC



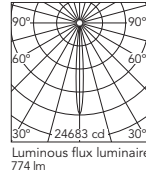
Beam Angle: 9°

h(m)	E(lx)	D(m)
1	22666	0.16
2	5667	0.32
3	2518	0.48
4	1417	0.63
5	907	0.79

Luminous flux luminaire 711 lm

### Optic Super Spot 3500K

- Non Dimmable
- 09.8115.WA
- 09.8115.DR
- On Board Dimmer
- 09.8115.WA.PC
- 09.8115.DR.PC



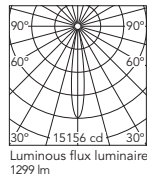
Beam Angle: 9°

h(m)	E(lx)	D(m)
1	24683	0.16
2	6171	0.32
3	2743	0.48
4	1543	0.63
5	987	0.79

Luminous flux luminaire 774 lm

### Optic Spot 3000K

- Non Dimmable
- 09.8111.WA
- 09.8111.DR
- On Board Dimmer
- 09.8111.WA.PC
- 09.8111.DR.PC



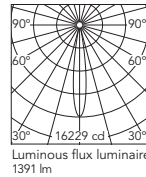
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	15156	0.27
2	3789	0.54
3	1684	0.81
4	947	1.09
5	606	1.36

Luminous flux luminaire 1299 lm

### Optic Spot 3500K

- Non Dimmable
- 09.8116.WA
- 09.8116.DR
- On Board Dimmer
- 09.8116.WA.PC
- 09.8116.DR.PC



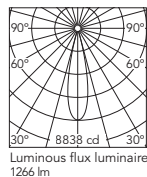
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	16229	0.27
2	4057	0.54
3	1803	0.81
4	1014	1.09
5	649	1.36

Luminous flux luminaire 1391 lm

### Optic Medium 3000K

- Non Dimmable
- 09.8112.WA
- 09.8112.DR
- On Board Dimmer
- 09.8112.WA.PC
- 09.8112.DR.PC



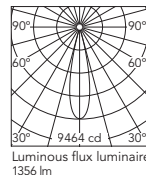
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	8838	0.41
2	2210	0.81
3	982	1.22
4	552	1.62
5	354	2.03

Luminous flux luminaire 1266 lm

### Optic Medium 3500K

- Non Dimmable
- 09.8117.WA
- 09.8117.DR
- On Board Dimmer
- 09.8117.WA.PC
- 09.8117.DR.PC



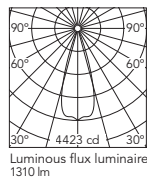
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	9464	0.41
2	2366	0.81
3	1052	1.22
4	591	1.62
5	379	2.03

Luminous flux luminaire 1356 lm

### Optic Flood 3000K

- Non Dimmable
- 09.8113.WA
- 09.8113.DR
- On Board Dimmer
- 09.8113.WA.PC
- 09.8113.DR.PC



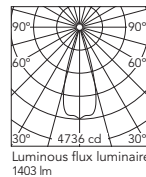
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	4423	0.61
2	1106	1.21
3	491	1.82
4	276	2.42
5	177	3.03

Luminous flux luminaire 1310 lm

### Optic Flood 3500K

- Non Dimmable
- 09.8118.WA
- 09.8118.DR
- On Board Dimmer
- 09.8118.WA.PC
- 09.8118.DR.PC



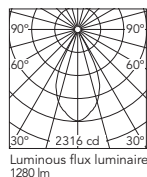
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	4736	0.61
2	1184	1.21
3	526	1.82
4	296	2.42
5	189	3.03

Luminous flux luminaire 1403 lm

### Optic Wide Flood 3000K

- Non Dimmable
- 09.8114.WA
- 09.8114.DR
- On Board Dimmer
- 09.8114.WA.PC
- 09.8114.DR.PC



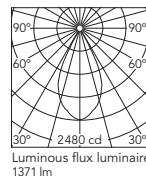
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2316	0.94
2	579	1.89
3	257	2.83
4	145	3.77
5	92	4.72

Luminous flux luminaire 1280 lm

### Optic Wide Flood 3500K

- Non Dimmable
- 09.8119.WA
- 09.8119.DR
- On Board Dimmer
- 09.8119.WA.PC
- 09.8119.DR.PC



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2480	0.94
2	620	1.89
3	276	2.83
4	155	3.77
5	99	4.72

Luminous flux luminaire 1371 lm

## Accessori / Accessories

### Camera 60

Honeycomb  
Honeycomb

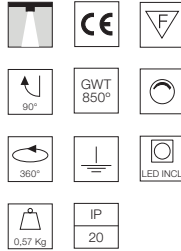
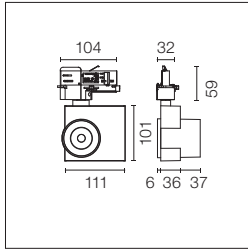


Super Spot / Spot  
08.0175.14  
Medium / Flood / Wide Flood  
08.0176.14

# CAMERA 60

## Camera 60 - GA 600

**Light Source:** Super Spot: LED Array 13W - 779 lm - 3000K/CRI 97 / 13W - 817 lm - 3500K/CRI 97  
S/M/F/WF: LED Array 20W - 1585 lm - 3000K/CRI 97 / 20W - 1697 lm - 3500K/CRI 97

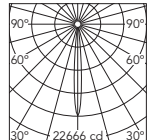


Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata. Per la versione DALI sono necessari profili dimmerabili (consultare capitolo "Tracks").

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated. DALI version requires dimmable tracks (please refer to the "Tracks" chapter).

### Optic Super Spot 3000K

Dali Version  
09.8110.WA.DA  
09.8110.DR.DA



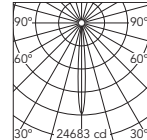
Beam Angle: 9°

h(m)	E(lx)	D(m)
1	22666	0.16
2	5667	0.32
3	2518	0.48
4	1417	0.63
5	907	0.79

Luminous flux luminaire  
711 lm

### Optic Super Spot 3500K

Dali Version  
09.8115.WA.DA  
09.8115.DR.DA



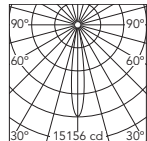
Beam Angle: 9°

h(m)	E(lx)	D(m)
1	24683	0.16
2	6171	0.32
3	2743	0.48
4	1543	0.63
5	987	0.79

Luminous flux luminaire  
774 lm

### Optic Spot 3000K

Dali Version  
09.8111.WA.DA  
09.8111.DR.DA



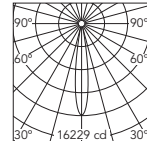
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	15156	0.27
2	3789	0.54
3	1684	0.81
4	947	1.09
5	606	1.36

Luminous flux luminaire  
1299 lm

### Optic Spot 3500K

Dali Version  
09.8116.WA.DA  
09.8116.DR.DA



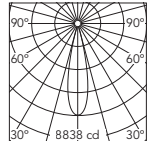
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	16229	0.27
2	4057	0.54
3	1803	0.81
4	1014	1.09
5	649	1.36

Luminous flux luminaire  
1391 lm

### Optic Medium 3000K

Dali Version  
09.8112.WA.DA  
09.8112.DR.DA



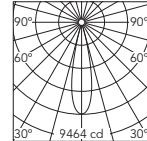
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	8838	0.41
2	2210	0.81
3	982	1.22
4	552	1.62
5	354	2.03

Luminous flux luminaire  
1266 lm

### Optic Medium 3500K

Dali Version  
09.8117.WA.DA  
09.8117.DR.DA



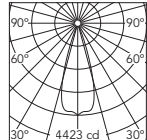
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	9464	0.41
2	2366	0.81
3	1052	1.22
4	591	1.62
5	379	2.03

Luminous flux luminaire  
1356 lm

### Optic Flood 3000K

Dali Version  
09.8113.WA.DA  
09.8113.DR.DA



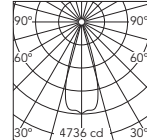
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	4423	0.61
2	1106	1.21
3	491	1.82
4	276	2.42
5	177	3.03

Luminous flux luminaire  
1310 lm

### Optic Flood 3500K

Dali Version  
09.8118.WA.DA  
09.8118.DR.DA



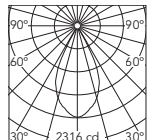
Beam Angle: 34°

h(m)	E(lx)	D(m)
1	4736	0.61
2	1184	1.21
3	526	1.82
4	296	2.42
5	189	3.03

Luminous flux luminaire  
1403 lm

### Optic Wide Flood 3000K

Dali Version  
09.8114.WA.DA  
09.8114.DR.DA



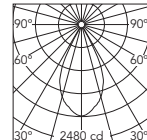
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2316	0.94
2	579	1.89
3	257	2.83
4	145	3.77
5	92	4.72

Luminous flux luminaire  
1280 lm

### Optic Wide Flood 3500K

Dali Version  
09.8119.WA.DA  
09.8119.DR.DA



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2480	0.94
2	620	1.89
3	276	2.83
4	155	3.77
5	99	4.72

Luminous flux luminaire  
1371 lm

## Accessori / Accessories

### Camera 60

Honeycomb  
Honeycomb

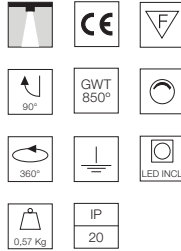
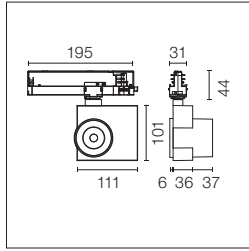


Super Spot / Spot  
08.0175.14  
Medium / Flood / Wide Flood  
08.0176.14

# CAMERA 60

## Camera 60 - Casambi

**Light Source:** Super Spot: LED Array 13W - 779 lm - 3000K/CRI 97 / 13W - 817 lm - 3500K/CRI 97  
S/M/F/WF: LED Array 20W - 1585 lm - 3000K/CRI 97 / 20W - 1697 lm - 3500K/CRI 97

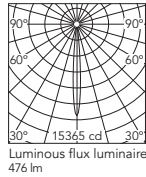


Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata. Casambi, distanza massima tra gli apparecchi: 10m.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated. Casambi, maximum distance between fixtures: 10m.

### Optic Super Spot 3000K

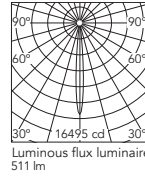
\*Casambi integrated  
09.8110.WAACB  
09.8110.DRACB



Beam Angle: 9°	h(m)	E(lx)	D(m)
1	15365	0.16	
2	3841	0.32	
3	1707	0.48	
4	960	0.64	
5	615	0.79	

### Optic Super Spot 3500K

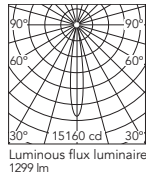
\*Casambi integrated  
09.8115.WAACB  
09.8115.DRACB



Beam Angle: 9°	h(m)	E(lx)	D(m)
1	16495	0.16	
2	4124	0.32	
3	1833	0.48	
4	1031	0.64	
5	660	0.79	

### Optic Spot 3000K

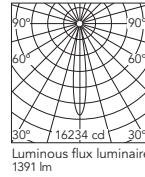
\*Casambi integrated  
09.8111.WAACB  
09.8111.DRACB



Beam Angle: 15°	h(m)	E(lx)	D(m)
1	15160	0.27	
2	3790	0.54	
3	1684	0.81	
4	947	1.09	
5	606	1.36	

### Optic Spot 3500K

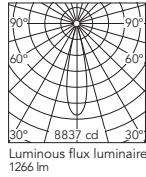
\*Casambi integrated  
09.8116.WAACB  
09.8116.DRACB



Beam Angle: 15°	h(m)	E(lx)	D(m)
1	16234	0.27	
2	4058	0.54	
3	1804	0.81	
4	1015	1.09	
5	649	1.36	

### Optic Medium 3000K

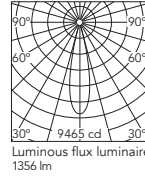
\*Casambi integrated  
09.8112.WAACB  
09.8112.DRACB



Beam Angle: 23°	h(m)	E(lx)	D(m)
1	8837	0.41	
2	2209	0.81	
3	982	1.22	
4	552	1.62	
5	353	2.03	

### Optic Medium 3500K

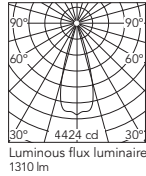
\*Casambi integrated  
09.8117.WAACB  
09.8117.DRACB



Beam Angle: 23°	h(m)	E(lx)	D(m)
1	9465	0.41	
2	2366	0.81	
3	1052	1.22	
4	592	1.62	
5	379	2.03	

### Optic Flood 3000K

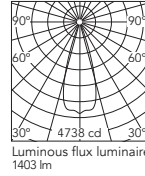
\*Casambi integrated  
09.8113.WAACB  
09.8113.DRACB



Beam Angle: 34°	h(m)	E(lx)	D(m)
1	4424	0.61	
2	1106	1.21	
3	492	1.82	
4	276	2.42	
5	177	3.03	

### Optic Flood 3500K

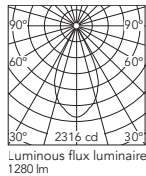
\*Casambi integrated  
09.8118.WAACB  
09.8118.DRACB



Beam Angle: 34°	h(m)	E(lx)	D(m)
1	4738	0.61	
2	1184	1.21	
3	526	1.82	
4	296	2.42	
5	190	3.03	

### Optic Wide Flood 3000K

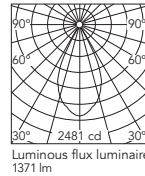
\*Casambi integrated  
09.8114.WAACB  
09.8114.DRACB



Beam Angle: 50°	h(m)	E(lx)	D(m)
1	2316	0.94	
2	579	1.89	
3	257	2.83	
4	145	3.77	
5	93	4.72	

### Optic Wide Flood 3500K

\*Casambi integrated  
09.8119.WAACB  
09.8119.DRACB



Beam Angle: 50°	h(m)	E(lx)	D(m)
1	2481	0.94	
2	620	1.89	
3	276	2.83	
4	155	3.77	
5	99	4.72	

## Accessori / Accessories

### Camera 60

Honeycomb  
Honeycomb



Super Spot / Spot  
08.0175.14  
Medium / Flood / Wide Flood  
08.0176.14

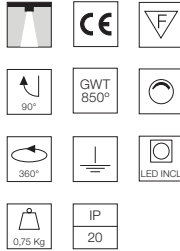
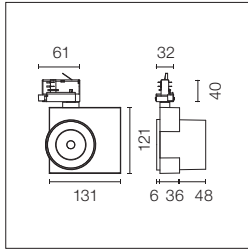
\* Il sistema di controllo degli apparecchi i versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.



# CAMERA 90

## Camera 90 - GA 69

**Light Source:** Super Spot: LED Array 20W - 1515 lm - 3000K/CRI 97 / 20W - 1625 lm - 3500K/CRI 97  
S/M/F/WF: LED Array 32W - 2585 lm - 3000K/CRI 97 / 32W - 2715 lm - 3500K/CRI 97

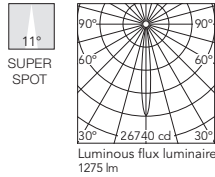


Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

### Optic Super Spot 3000K

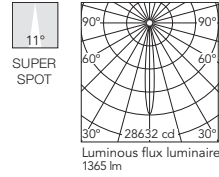
- Non Dimmable
- 09.8210.WA
- 09.8210.DR
- On Board Dimmer
- 09.8210.WA.PC
- 09.8210.DR.PC



h(m)	E(lx)	D(m)
1	26740	0.20
2	6685	0.39
3	2971	0.59
4	1671	0.78
5	1070	0.98

### Optic Super Spot 3500K

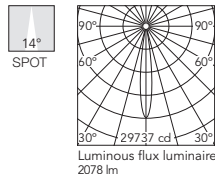
- Non Dimmable
- 09.8215.WA
- 09.8215.DR
- On Board Dimmer
- 09.8215.WA.PC
- 09.8215.DR.PC



h(m)	E(lx)	D(m)
1	28632	0.20
2	7158	0.39
3	3181	0.59
4	1789	0.78
5	1145	0.98

### Optic Spot 3000K

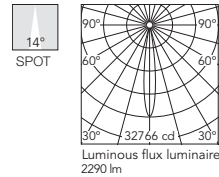
- Non Dimmable
- 09.8211.WA
- 09.8211.DR
- On Board Dimmer
- 09.8211.WA.PC
- 09.8211.DR.PC



h(m)	E(lx)	D(m)
1	29737	0.25
2	7434	0.49
3	3304	0.74
4	1859	0.99
5	1189	1.24

### Optic Spot 3500K

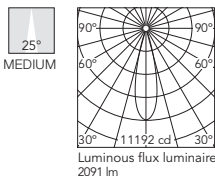
- Non Dimmable
- 09.8216.WA
- 09.8216.DR
- On Board Dimmer
- 09.8216.WA.PC
- 09.8216.DR.PC



h(m)	E(lx)	D(m)
1	32766	0.25
2	8192	0.49
3	3641	0.74
4	2048	0.99
5	1311	1.24

### Optic Medium 3000K

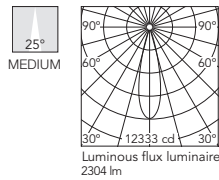
- Non Dimmable
- 09.8212.WA
- 09.8212.DR
- On Board Dimmer
- 09.8212.WA.PC
- 09.8212.DR.PC



h(m)	E(lx)	D(m)
1	11192	0.45
2	2798	0.90
3	1244	1.35
4	700	1.80
5	448	2.25

### Optic Medium 3500K

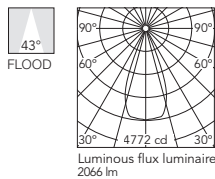
- Non Dimmable
- 09.8217.WA
- 09.8217.DR
- On Board Dimmer
- 09.8217.WA.PC
- 09.8217.DR.PC



h(m)	E(lx)	D(m)
1	12333	0.45
2	3083	0.90
3	1370	1.35
4	771	1.80
5	493	2.25

### Optic Flood 3000K

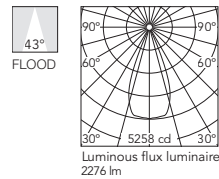
- Non Dimmable
- 09.8213.WA
- 09.8213.DR
- On Board Dimmer
- 09.8213.WA.PC
- 09.8213.DR.PC



h(m)	E(lx)	D(m)
1	4772	0.78
2	1193	1.56
3	530	2.34
4	298	3.12
5	191	3.90

### Optic Flood 3500K

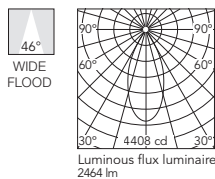
- Non Dimmable
- 09.8218.WA
- 09.8218.DR
- On Board Dimmer
- 09.8218.WA.PC
- 09.8218.DR.PC



h(m)	E(lx)	D(m)
1	5258	0.78
2	1315	1.56
3	584	2.34
4	329	3.12
5	210	3.90

### Optic Wide Flood 3000K

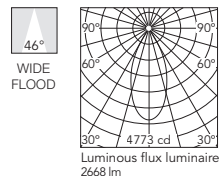
- Non Dimmable
- 09.8214.WA
- 09.8214.DR
- On Board Dimmer
- 09.8214.WA.PC
- 09.8214.DR.PC



h(m)	E(lx)	D(m)
1	4408	0.84
2	1101	1.68
3	490	2.52
4	276	3.36
5	177	4.19

### Optic Wide Flood 3500K

- Non Dimmable
- 09.8219.WA
- 09.8219.DR
- On Board Dimmer
- 09.8219.WA.PC
- 09.8219.DR.PC



h(m)	E(lx)	D(m)
1	4773	0.84
2	1193	1.68
3	531	2.52
4	299	3.36
5	192	4.19

## Accessori / Accessories

### Camera 90

Honeycomb  
Honeycomb

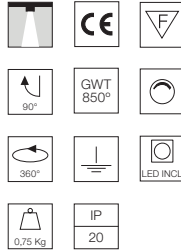
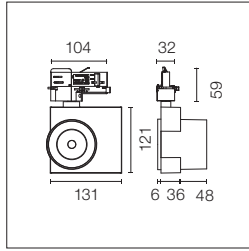


Super Spot / Spot  
08.0177.14  
Medium / Flood / Wide Flood  
08.0178.14

# CAMERA 90

## Camera 90 - GA 600

**Light Source:** Super Spot: LED Array 20W - 1515 lm - 3000K/CRI 97 / 20W - 1625 lm - 3500K/CRI 97  
S/M/F/WF: LED Array 32W - 2585 lm - 3000K/CRI 97 / 32W - 2715 lm - 3500K/CRI 97

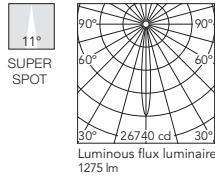


Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata. Per la versione DALI sono necessari profili dimmerabili (consultare capitolo "Tracks").

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated. DALI version requires dimmable tracks (please refer to the "Tracks" chapter).

### Optic Super Spot 3000K

Dali Version  
09.8210.WA.DA  
09.8210.DR.DA

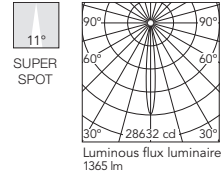


Beam Angle: 11°

h(m)	E(lx)	D(m)
1	26740	0.20
2	6685	0.39
3	2971	0.59
4	1671	0.78
5	1070	0.98

### Optic Super Spot 3500K

Dali Version  
09.8215.WA.DA  
09.8215.DR.DA

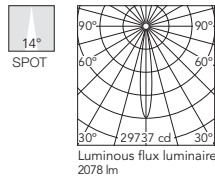


Beam Angle: 11°

h(m)	E(lx)	D(m)
1	28632	0.20
2	7158	0.39
3	3181	0.59
4	1789	0.78
5	1145	0.98

### Optic Spot 3000K

Dali Version  
09.8211.WA.DA  
09.8211.DR.DA

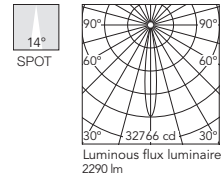


Beam Angle: 14°

h(m)	E(lx)	D(m)
1	29737	0.25
2	7434	0.49
3	3304	0.74
4	1859	0.99
5	1189	1.24

### Optic Spot 3500K

Dali Version  
09.8216.WA.DA  
09.8216.DR.DA

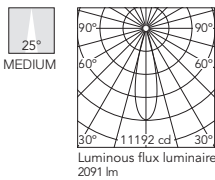


Beam Angle: 14°

h(m)	E(lx)	D(m)
1	32766	0.25
2	8192	0.49
3	3641	0.74
4	2048	0.99
5	1311	1.24

### Optic Medium 3000K

Dali Version  
09.8212.WA.DA  
09.8212.DR.DA

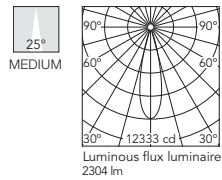


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	11192	0.45
2	2798	0.90
3	1244	1.35
4	700	1.80
5	448	2.25

### Optic Medium 3500K

Dali Version  
09.8217.WA.DA  
09.8217.DR.DA

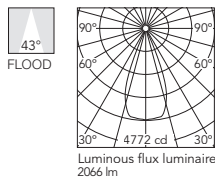


Beam Angle: 25°

h(m)	E(lx)	D(m)
1	12333	0.45
2	3083	0.90
3	1370	1.35
4	771	1.80
5	493	2.25

### Optic Flood 3000K

Dali Version  
09.8213.WA.DA  
09.8213.DR.DA

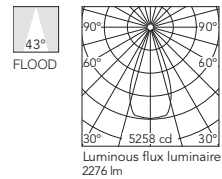


Beam Angle: 43°

h(m)	E(lx)	D(m)
1	4772	0.78
2	1193	1.56
3	530	2.34
4	298	3.12
5	191	3.90

### Optic Flood 3500K

Dali Version  
09.8218.WA.DA  
09.8218.DR.DA

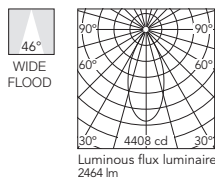


Beam Angle: 43°

h(m)	E(lx)	D(m)
1	5258	0.78
2	1315	1.56
3	584	2.34
4	329	3.12
5	210	3.90

### Optic Wide Flood 3000K

Dali Version  
09.8214.WA.DA  
09.8214.DR.DA

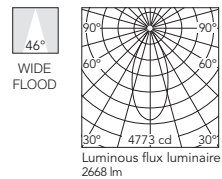


Beam Angle: 46°

h(m)	E(lx)	D(m)
1	4408	0.84
2	1101	1.68
3	490	2.52
4	276	3.36
5	177	4.19

### Optic Wide Flood 3500K

Dali Version  
09.8219.WA.DA  
09.8219.DR.DA



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	4773	0.84
2	1193	1.68
3	531	2.52
4	299	3.36
5	192	4.19

## Accessori / Accessories

### Camera 90

Honeycomb  
Honeycomb

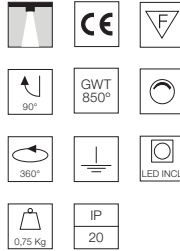
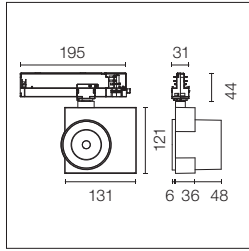


Super Spot / Spot  
08.0177.14  
Medium / Flood / Wide Flood  
08.0178.14

# CAMERA 90

## Camera 90 - Casambi

**Light Source:** Super Spot: LED Array 20W - 1515 lm - 3000K/CRI 97 / 20W - 1625 lm - 3500K/CRI 97  
S/M/F/WF: LED Array 32W - 2585 lm - 3000K/CRI 97 / 32W - 2715 lm - 3500K/CRI 97

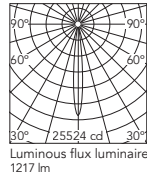


Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata. Casambi, distanza massima tra gli apparecchi: 10m.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated. Casambi, maximum distance between fixtures: 10m.

### Optic Super Spot 3000K

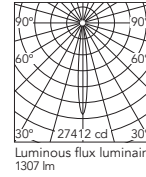
\*Casambi integrated  
09.8210.WAACB  
09.8210.DRACB



Beam Angle: 11°	h(m)	E(lx)	D(m)
1	25524	0.20	
2	6381	0.39	
3	2836	0.59	
4	1595	0.78	
5	1021	0.98	

### Optic Super Spot 3500K

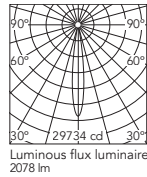
\*Casambi integrated  
09.8215.WAACB  
09.8215.DRACB



Beam Angle: 11°	h(m)	E(lx)	D(m)
1	27412	0.20	
2	6853	0.39	
3	3046	0.59	
4	1713	0.78	
5	1096	0.98	

### Optic Spot 3000K

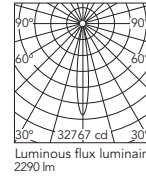
\*Casambi integrated  
09.8211.WAACB  
09.8211.DRACB



Beam Angle: 14°	h(m)	E(lx)	D(m)
1	29734	0.25	
2	7433	0.49	
3	3304	0.74	
4	1858	0.99	
5	1189	1.24	

### Optic Spot 3500K

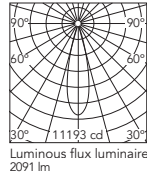
\*Casambi integrated  
09.8216.WAACB  
09.8216.DRACB



Beam Angle: 14°	h(m)	E(lx)	D(m)
1	32767	0.25	
2	8192	0.49	
3	3641	0.74	
4	2048	0.99	
5	1311	1.24	

### Optic Medium 3000K

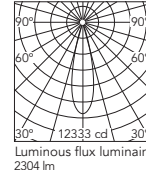
\*Casambi integrated  
09.8212.WAACB  
09.8212.DRACB



Beam Angle: 25°	h(m)	E(lx)	D(m)
1	11193	0.45	
2	2798	0.90	
3	1244	1.35	
4	700	1.80	
5	448	2.25	

### Optic Medium 3500K

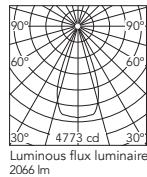
\*Casambi integrated  
09.8217.WAACB  
09.8217.DRACB



Beam Angle: 25°	h(m)	E(lx)	D(m)
1	12333	0.45	
2	3083	0.90	
3	1370	1.35	
4	771	1.80	
5	493	2.25	

### Optic Flood 3000K

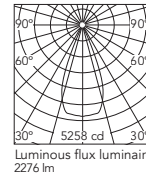
\*Casambi integrated  
09.8213.WAACB  
09.8213.DRACB



Beam Angle: 43°	h(m)	E(lx)	D(m)
1	4773	0.78	
2	1193	1.56	
3	530	2.34	
4	298	3.12	
5	191	3.90	

### Optic Flood 3500K

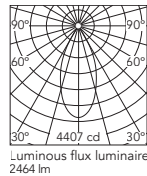
\*Casambi integrated  
09.8218.WAACB  
09.8218.DRACB



Beam Angle: 43°	h(m)	E(lx)	D(m)
1	5258	0.78	
2	1314	1.56	
3	584	2.34	
4	329	3.12	
5	210	3.90	

### Optic Wide Flood 3000K

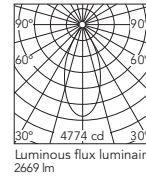
\*Casambi integrated  
09.8214.WAACB  
09.8214.DRACB



Beam Angle: 46°	h(m)	E(lx)	D(m)
1	4407	0.84	
2	1102	1.68	
3	490	2.52	
4	275	3.36	
5	176	4.19	

### Optic Wide Flood 3500K

\*Casambi integrated  
09.8219.WAACB  
09.8219.DRACB



Beam Angle: 46°	h(m)	E(lx)	D(m)
1	4774	0.84	
2	1194	1.68	
3	530	2.52	
4	298	3.36	
5	191	4.19	

## Accessori / Accessories

### Camera 90

Honeycomb  
Honeycomb



Super Spot / Spot  
08.0177.14  
Medium / Flood / Wide Flood  
08.0178.14

\* Il sistema di controllo degli apparecchi in versione Casambi si regola direttamente tramite bluetooth con l'applicazione dedicata FLOS Control® by Casambi / The control system with the Casambi version of light fixtures is directly and individually regulated wirelessly using the application FLOS Control® by Casambi.

# FIND ME

DESIGNED BY JORGE HERRERA

FIND ME 0  
TRIM / NO TRIM



**LIGHT SOURCE**  
POWER LED  
3,5W  
300 lm  
2700K/CRI 90  
325 lm  
3000K/CRI 90

FIND ME 1  
TRIM / NO TRIM



**LIGHT SOURCE**  
POWER LED  
6W  
560 lm  
2700K/CRI 90  
600 lm  
3000K/CRI 90

FIND ME 1  
SUSPENSION



FIND ME 2  
TRIM / NO TRIM



**LIGHT SOURCE**  
POWER LED  
10W  
860 lm  
2700K/CRI 90  
900 lm  
3000K/CRI 90

FIND ME 3  
TRACK



**LIGHT SOURCE**  
LED ARRAY  
25,8W  
3298 lm  
2700K/CRI 97  
3523 lm  
3000K/CRI 97

□ 30 Bianco  
30 White

■ 14 Nero  
14 Black

■ 06 Cromo  
06 Chrome

## Mono Point



## Track



## Suspension



Colori del Cilindro Schermante (compresi)  
Screening Cylinder Colours (included)

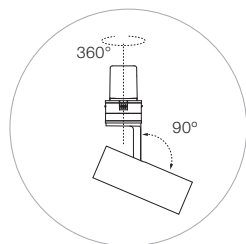
■ Arancio  
Orange

■ Nero  
Black

■ Viola  
Violet



Può essere ruotato di 360° e orientato di 90°.  
Can be rotated 360° and swivelled 90°.



reddot design award  
winner 2013

# 650

## Descrizione

Famiglia di proiettori da interno, facili da installare su un binario o in soffitti di cartongesso. Gli apparecchi di illuminazione sono disponibili nelle versioni: Mono Point, Track e Suspension.

La versione Mono Point viene fornita con una cornice cilindrica da incasso, che serve da base al modulo di illuminazione. Il suddetto modulo può servire da downlight se installato nella sua posizione superiore o da proiettore orientabile se installato nella sua posizione inferiore.

Con la versione Mono Point si include una cornice da applicare al prodotto per convertirlo nella versione Trim. In caso contrario, non è necessaria l'applicazione.

La versione Suspension è una variazione della versione Mono Point. La sua principale caratteristica è la possibilità di installare l'apparecchio in sospensione.

La versione Track viene fornita con un adattatore per l'installazione su binari trifase.

## Riflettori

I modelli per installazioni su soffitto in cartongesso vengono forniti con l'ottica accent lighting. La versione da installare su binario viene fornita con un'ottica Spot, Medium e Flood.

## Unità di Alimentazione

Per le versioni da installare su soffitto in cartongesso, il prodotto viene fornito con tubo precablato per la connessione a una fonte di alimentazione remota (non compresa), da installare in un luogo accessibile o che possa passare nella cavità dell'incasso.

Find Me 0: 50 mm.

Find Me 1: 62 mm.

Find Me 2: 70 mm.

Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

## Accessori

La versione Suspension dispone di un paralume a cilindro in 3 colori: arancione, viola, o nero, intercambiabili e inclusi con l'apparecchio di illuminazione. Il Find Me 1 e 2 includono gli accessori professionali.

## Informazioni Aggiuntive

Sistema di orientazione che permette la rotazione di 360° nell'asse verticale e di 90° in quello orizzontale.

Indice di protezione IP20.

Per le versioni Mono Point e Suspension, classe d'isolamento III; per la versione Track, classe d'isolamento II. La combinazione dei modelli Find Me 3 e Find Me 0/1/2 può portare a piccole differenze di cromaticità nella luce. Si raccomanda di non abbinare il modello Find Me 3 con il Find Me 0/1/2 in spazi condivisi.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchi di illuminazione conformi alla Normativa Tecnica Europea EN60598-1 e varianti.

## Description

Spotlight family for indoor use, easy to mount on plasterboard ceilings and tracks. The luminaire is available in the Mono Point, Track and Suspension versions.

The Mono Point version is supplied with a recessed cylindrical frame which houses the lighting module. This lighting module can be placed in its upper position, functioning as a downlight, or in its lower position, becoming an adjustable spotlight.

The Mono Point version is supplied with a frame, installable fitted to the product if a Trim version is required, or not fitted if a No Trim version is required.

The Suspension version is a variant of the Mono Point version. Its main feature is its suspended mounting.

The Track version is supplied with an adapter for being used on three-phase tracks.

## Reflectors

The models for installation in plasterboard ceilings are supplied with accent lighting optics. The track version is available in Spot, Medium and Flood optics.

## Power Supply

For plasterboard ceiling installation versions, the product is supplied prewired, ready to be connected to a remote power supply (not included) installed in an accessible location or to be passed through the ceiling cut-out:

Find Me 0: 50 mm.

Find Me 1: 62 mm.

Find Me 2: 70 mm.

Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

## Accessories

The Suspension version comes with an anti-glare cylinder in 3 colors: orange, violet or black, which are interchangeable between them and incorporated into the light fixture. For Find Me 1 and 2: professional accessories included.

## Additional Information

Adjustment system allowing 360° rotation on the vertical axis and 90° rotation on the horizontal axis.

IP20 protection rating.

Class III insulation for the Mono Point and Suspension versions, and class II insulation for the Track version.

The combination of models Find Me 3 and Find Me 0/1/2 can lead to small differences in chromaticity in the light. It is recommended not to combine the Find Me 3 model with the Find Me 0/1/2 in shared spaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

The luminaire complies with the EN60598-1 European Technical Standards and any subsequent additions.



Suspension  
Surface



Suspension  
Recessed



Mono Point  
No Trim

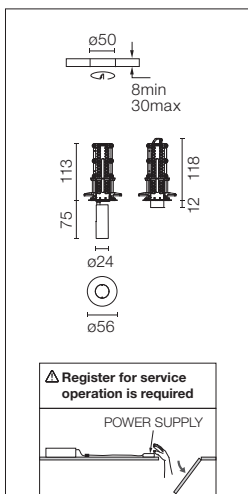


Mono Point  
Trim

# FIND ME

## Find Me 0 (Trim / No Trim)

**Light Source:** Power LED DC 250 mA - 3W - 300 lm - 2700K/CRI 90 / 3W - 325 lm - 3000K/CRI 90



Apparecchio di illuminazione da incasso orientabile per interni. Alimentatore remoto 250 mA non compreso. Accessori inclusi (honeycomb e filtro a croce antiabbagliamento). Fonte di alimentazione remota da installare in un luogo accessibile. Non è consigliato l'uso di driver regolabili di marche diverse al presentare curve di regolazione specifiche.

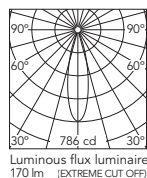
Recessed adjustable luminaire for indoor application. Remote power supply 250 mA not included. Accessories included (honeycomb and screening crosspiece). Remote power supply to be installed in an accessible place. It is not recommended to use dimmable drivers of several brands due to the specific dimming curves of each brand.

Alimentazioni raccomandate e numero di apparecchi per driver (L)\* / Recommended power supply and number of luminaires per driver (L)\*:

1/2/3L* Non Dimmable 100-240V	60.9744
1/2/3L* Non Dimmable 220-240V	RF31855
1/2/3L* Dimmable Dali 2 220-240V	60.9601
1/2/3L* Dimmable 0-10V 220-240V	60.9405
2/3L* Mains Dimming 220-240V	60.9421
Casambi	60.9392 + 0-10V/Dali driver

Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K**  
 09.3781.30A  
 09.3781.06A  
 09.3781.14A

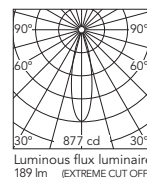


Beam Angle: 26°

h(m)	E(lx)	D(m)
1	786	0.45
2	197	0.91
3	87	1.36
4	49	1.82
5	31	2.27

Luminous flux luminaire  
170 lm (EXTREME CUT OFF)

**3000K**  
 09.3780.30A  
 09.3780.06A  
 09.3780.14A



Beam Angle: 26°

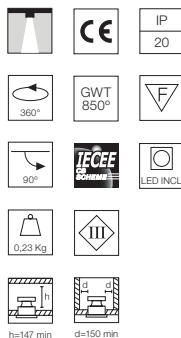
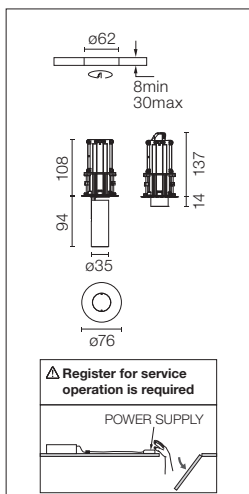
h(m)	E(lx)	D(m)
1	877	0.45
2	219	0.91
3	97	1.36
4	55	1.82
5	35	2.27

Luminous flux luminaire  
189 lm (EXTREME CUT OFF)

# FIND ME

## Find Me 1 (Trim / No Trim)

**Light Source:** Power LED DC 500 mA - 6W - 560 lm - 2700K/CRI 90 / 6W - 600 lm - 3000K/CRI 90



Apparecchio di illuminazione da incasso orientabile per interni. Alimentatore remoto 500 mA non compreso. Accessori inclusi (honeycomb e filtro a croce antiabbagliamento). Fonte di alimentazione remota da installare in un luogo accessibile.

Recessed adjustable luminaire for indoor application. Remote power supply 500 mA not included. Accessories included (honeycomb and screening crosspiece). Remote power supply to be installed in an accessible place.

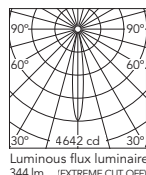
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable 220-240V	RF31855
Non Dimmable 110-240V	RF26570
Dimmable Dali 2 110-240V	60.9222
Mains Dimming 220-240V	60.9411
Dimmable 0/1-10V&Push 110/240V	RF27961
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K

- 09.3751.30A
- 09.3751.06A
- 09.3751.14A



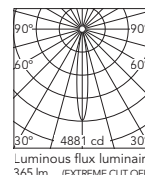
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4642	0.24
2	1160	0.48
3	516	0.72
4	290	0.95
5	186	1.19

Luminous flux luminaire  
344 lm (EXTREME CUT OFF)

### 3000K

- 09.3750.30A
- 09.3750.06A
- 09.3750.14A



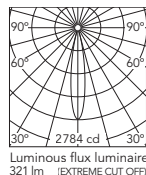
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4881	0.24
2	1220	0.49
3	542	0.73
4	305	0.97
5	195	1.21

Luminous flux luminaire  
365 lm (EXTREME CUT OFF)

### 2700K

- 09.3756.30A
- 09.3756.06A
- 09.3756.14A



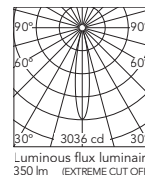
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2784	0.31
2	696	0.62
3	309	0.93
4	174	1.23
5	111	1.54

Luminous flux luminaire  
321 lm (EXTREME CUT OFF)

### 3000K

- 09.3755.30A
- 09.3755.06A
- 09.3755.14A



Beam Angle: 18°

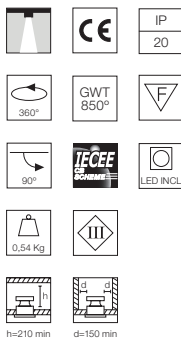
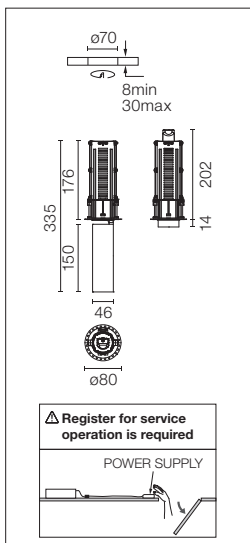
h(m)	E(lx)	D(m)
1	3036	0.31
2	759	0.62
3	337	0.93
4	190	1.23
5	121	1.54

Luminous flux luminaire  
350 lm (EXTREME CUT OFF)

# FIND ME

## Find Me 2 (Trim / No Trim)

**Light Source:** Power LED DC max 850 mA - 10W - 915 Lm - 2700K/CRI 90 / 10W - 960 lm - 3000K/CRI 90



Apparecchio di illuminazione da incasso orientabile per interni. Alimentatore remoto non compreso. Accessori inclusi (honeycomb e filtro a croce antiabbagliamento). Fonte di alimentazione remota da installare in un luogo accessibile.

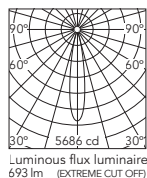
Recessed adjustable luminaire for indoor application. Remote power supply not included. Accessories included (honeycomb and screening crosspiece). Remote power supply to be installed in an accessible place.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable MC 110-240V	60.8911
Non Dimmable MC 220-240V	RF27370
Non Dimmable 700mA 110-240V	60.8529A
Dimmable Dali 1 220-240V	RF30699
Mains Dimming	60.9467
Dim 1-10V/Dim Dali/Push MC 110-240V	RF21468
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K**  
09.3707.30C  
09.3707.06C  
09.3707.14C

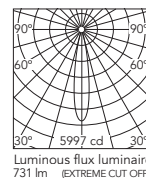


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	5686	0.32
2	1421	0.64
3	632	0.96
4	355	1.28
5	227	1.60

Luminous flux luminaire  
693 lm (EXTREME CUT OFF)

**3000K**  
09.3708.30C  
09.3708.06C  
09.3708.14C



Beam Angle: 18°

h(m)	E(lx)	D(m)
1	5997	0.32
2	1499	0.64
3	666	0.96
4	375	1.28
5	240	1.60

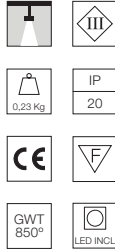
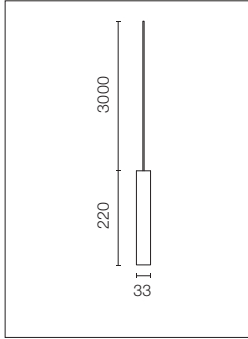
Luminous flux luminaire  
731 lm (EXTREME CUT OFF)

Driver current (mA)	2700K		3000K	
	Luminous flux (lm)	Power (W)	Luminous flux (lm)	Power (W)
850	915	10	960	10
800	870	9	916	9
750	825	8,5	870	8,5
700	775	8	825	8



## Find Me 1 Suspension

**Light Source:** Power LED DC 500 mA - 6W - 560 lm - 2700K/CRI 90 / 6W - 600 lm - 3000K/CRI 90



Apparecchio di illuminazione per installazioni a soffitto mediante sospensione. Il prodotto contiene cilindro di schermatura intercambiabile di vari colori (arancione, violetto e nero). Alimentatore remoto 500 mA non compreso.

Suspended ceiling-mounted luminaire. The product includes interchangeable shield cylinder in different colours (orange, violet and black). Remote power supply 500 mA not included.

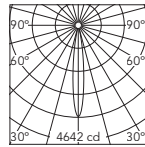
**Alimentazioni raccomandate / Recommended power supply\*:**

Non Dimmable 220-240V	RF31855
Non Dimmable 110-240V	RF26570
Dimmable Dali 2 110-240V	60.9222
Mains Dimming 220-240V	60.9411
Dimmable 0/1-10V&Push 110/240V	RF27961
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### 2700K

- 09.3711.30C
- 09.3711.06C
- 09.3711.14C



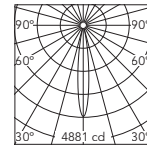
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4642	0.24
2	1160	0.48
3	516	0.72
4	290	0.95
5	186	1.19

Luminous flux luminaire  
344 lm (EXTREME CUT OFF)

### 3000K

- 09.3710.30C
- 09.3710.06C
- 09.3710.14C



Beam Angle: 14°

h(m)	E(lx)	D(m)
1	4881	0.24
2	1220	0.49
3	542	0.73
4	305	0.97
5	195	1.21

Luminous flux luminaire  
365 lm (EXTREME CUT OFF)

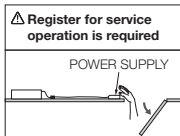
## Accessori / Accessories

Rosone di alimentazione ad incasso.

Recessed power supply rose.

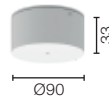


08.8782.30



Rosone di alimentazione a soffitto.  
Alimentatore non dimmerabile  
incluso.

Surface power supply rose.  
Non dimmable power supply included.

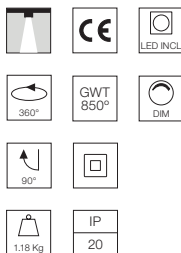
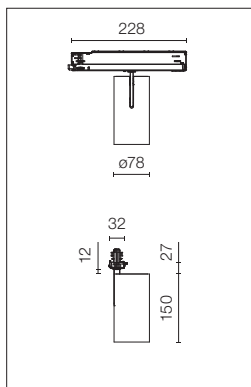


08.8783.30  
08.8783.06  
08.8783.14

# FIND ME

## Find Me 3 Track

**Light Source:** Led Array max 850 mA - 25,8W - 3298 lm - 2700K/CRI 97 / 25,8W - 3523 lm - 3000K/CRI 97



Apparecchi di illuminazione da installare su binario trifase. Apertura d'angolo in tre opzioni (Spot, Medium e Flood). Sistema di regolazione DALI e Casambi.

Luminaire to be installed in three-phase track. Three opening angles options (Spot, Medium and Flood). DALI and Casambi dimming systems.

### 2700K Spot

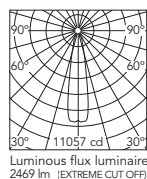
Non Dimmable  
09.3603.40  
09.3603.14



Dali Version  
09.3603.40.DA  
09.3603.14.DA



Casambi  
09.3603.40.CB  
09.3603.14.CB



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11037	0.38
2	2759	0.76
3	1226	1.14
4	690	1.52
5	441	1.90

Luminous flux luminaire  
2469 lm (EXTREME CUT OFF)

### 3000K Spot

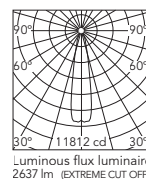
Non Dimmable  
09.3600.40  
09.3600.14



Dali Version  
09.3600.40.DA  
09.3600.14.DA



Casambi  
09.3600.40.CB  
09.3600.14.CB



Beam Angle: 22°

h(m)	E(lx)	D(m)
1	11790	0.38
2	2948	0.76
3	1310	1.14
4	737	1.52
5	472	1.90

Luminous flux luminaire  
2637 lm (EXTREME CUT OFF)

### Medium

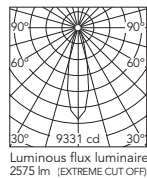
Non Dimmable  
09.3604.40  
09.3604.14



Dali Version  
09.3604.40.DA  
09.3604.14.DA



Casambi  
09.3604.40.CB  
09.3604.14.CB



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	9331	0.46
2	2333	0.92
3	1037	1.39
4	583	1.85
5	373	2.31

Luminous flux luminaire  
2575 lm (EXTREME CUT OFF)

### Medium

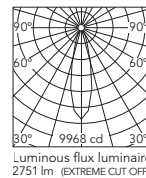
Non Dimmable  
09.3601.40  
09.3601.14



Dali Version  
09.3601.40.DA  
09.3601.14.DA



Casambi  
09.3601.40.CB  
09.3601.14.CB



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	9968	0.46
2	2492	0.92
3	1108	1.39
4	623	1.85
5	399	2.31

Luminous flux luminaire  
2751 lm (EXTREME CUT OFF)

### Flood

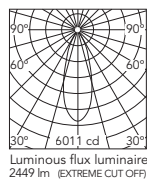
Non Dimmable  
09.3605.40  
09.3605.14



Dali Version  
09.3605.40.DA  
09.3605.14.DA



Casambi  
09.3605.40.CB  
09.3605.14.CB



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	6011	0.63
2	1503	1.25
3	668	1.88
4	376	2.51
5	240	3.14

Luminous flux luminaire  
2449 lm (EXTREME CUT OFF)

### Flood

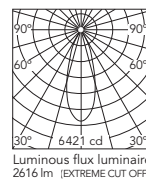
Non Dimmable  
09.3602.40  
09.3602.14



Dali Version  
09.3602.40.DA  
09.3602.14.DA



Casambi  
09.3602.40.CB  
09.3602.14.CB



Beam Angle: 35°

h(m)	E(lx)	D(m)
1	6421	0.63
2	1605	1.25
3	713	1.88
4	401	2.51
5	257	3.14

Luminous flux luminaire  
2616 lm (EXTREME CUT OFF)



# UT SPOT&PRO

DESIGNED BY FLOS ARCHITECTURAL

UT SPOT  
CEILING  
Ø57



**LIGHT SOURCE**  
LED ARRAY  
23,5W  
2400 lm  
3000K/CRI 80  
1950 lm  
3000K/CRI 90  
2150 lm  
4000K/CRI 90

UT SPOT  
CEILING  
Ø86



<b>LIGHT SOURCE</b> LED ARRAY HIGH PERFORMANCES 33W 3960 lm 3000K/CRI 80 3250 lm 3000K/CRI 90 3500 lm 4000K/CRI 90	<b>LIGHT SOURCE</b> PHOSPHOR LED 31W/34W 3000 lm 3000K/CRI 98 29W 3000 lm 4000K/CRI 80
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UT SPOT  
TRACK  
Ø57



**LIGHT SOURCE**  
LED ARRAY  
23,5W  
2500 lm  
3000K/CRI 80  
2000 lm  
3000K/CRI 90  
2150 lm  
4000K/CRI 90

UT SPOT  
TRACK  
Ø86



**LIGHT SOURCE**  
LED ARRAY  
HIGH  
PERFORMANCES  
33W  
3960 lm  
3000K/CRI 80  
3250 lm  
3000K/CRI 90  
3500 lm  
4000K/CRI 90

**LIGHT SOURCE**  
PHOSPHOR  
LED  
27W  
3000 lm  
3000K/CRI 98  
23W  
3000 lm  
4000K/CRI 80

UT SPOT  
TRACK  
WALL-WASHER  
Ø86



**LIGHT SOURCE**  
LED ARRAY  
HIGH  
PERFORMANCES  
33W  
3960 lm  
3000K/CRI 80  
3250 lm  
3000K/CRI 90  
3500 lm  
4000K/CRI 90

UT SPOT  
TRACK  
Ø57



**LIGHT SOURCE**  
LED ARRAY  
23,5W  
2500 lm  
3000K/CRI 80  
2000 lm  
3000K/CRI 90  
2150 lm  
4000K/CRI 90

UT SPOT  
TRACK  
Ø86



**LIGHT SOURCE**  
LED ARRAY  
HIGH  
PERFORMANCES  
33W  
3770 lm  
3000K/CRI 80  
3116 lm  
3000K/CRI 90  
3246 lm  
4000K/CRI 90

**LIGHT SOURCE**  
PHOSPHOR  
LED  
31W/34W  
2650 lm  
3000K/CRI 98  
29W  
3000 lm  
4000K/CRI 80

UT SPOT  
TRACK  
MULTICHIP  
Ø86



**LIGHT SOURCE**  
TOP LED  
11,5W  
850 lm  
3000K/CRI 90  
950 lm  
3000K/CRI 80  
1000 lm  
4000K/CRI 80

UT SPOT  
TRACK  
WALL-WASHER  
Ø86



**LIGHT SOURCE**  
LED ARRAY  
HIGH  
PERFORMANCES  
33W  
3960 lm  
3000K/CRI 80  
3250 lm  
3000K/CRI 90  
3500 lm  
4000K/CRI 90

# UT SPOT&PRO

UT PRO  
150 GA-69



**LIGHT SOURCE**  
LED ARRAY  
21W  
2524 lm  
3000K/CRI 80  
2183 lm  
3000K/CRI 90  
2360 lm  
4000K/CRI 90

UT PRO  
175 GA-69



**LIGHT SOURCE**  
LED ARRAY  
46,5W  
4740 lm  
3000K/CRI 80  
3960 lm  
3000K/CRI 90  
4278 lm  
4000K/CRI 90

UT PRO  
175 LENS  
GA-69



**LIGHT SOURCE**  
LED ARRAY  
35,3W  
3950 lm  
3000K/CRI 80  
3250 lm  
3000K/CRI 90  
3400 lm  
4000K/CRI 90

UT PRO  
WALL-WASHER  
GA-69



**LIGHT SOURCE**  
TOP LED  
25,5W  
2700 lm  
3000K/CRI 90  
2900 lm  
4000K/CRI 90

□ 30 Bianco  
30 White

■ 14 Nero  
14 Black



□ 30 Bianco  
30 White

■ 14 Nero  
14 Black

□ 30.78 All White  
30.78 All White



UT PRO  
150



UT PRO  
175



UT PRO  
175 LENS



UT PRO  
WALL-WASHER



\* Vedi capitolo The Tracking Power / Refer to The Tracking Power chapter

## Descrizione

Apparecchio per interni da installare a binario trifase o a soffitto, disponibile con sorgenti luminose a tecnologia Led di alta potenza e in versione DALI e non DIM.

La serie è disponibile in vari modelli / dimensioni (Ø57 Ø 75 y Ø86 e Rettangolare WW) e con due opzioni di montaggio: Track

(completa flessibilità d'installazione), Ceiling (installazione indipendente).

Questa lampada è disponibile nelle varianti Multichip (per ottenere angoli di apertura *Super Spot*) e in nella variante Wall-Washer di forma cilindrica (solo nella versione Ø86).

Il corpo ottico dell'apparecchio è in alluminio iniettato ad alta pressione, rifiniti con verniciatura a polvere color bianco o nero.

La versione a soffitto include l'alimentatore remoto. Disponibile anche UT Downlight (vedere la sezione Downlight del catalogo).

## Unità di Alimentazione

Alimentatore a corrente continua non regolabile o regolabile Dalì 220-240V compreso.

Con potenziometro incorporato nella versione track con cassetta. Nelle versioni con adattatore integrato non è presente il potenziometro.

## Accessori

- Disponibili filtro a croce antiabbagliamento, lente ellittica, lente flood e honeycomb.
- Anello supporto (UT Spot ø86).

## Informazioni Aggiuntive

Adatti ad installazioni su superfici normalmente infiammabili.

Gli apparecchi FLOS per binario trifase sono progettati e testati con i binari raccomandati da FLOS. La compatibilità è garantita con i binari prodotti da Nordic Aluminium. Compatibilità con Eutrac su richiesta. Per verificare la compatibilità con altri binari, contattare FLOS prima dell'installazione.

Gli apparecchi FLOS per binario trifase DALI sono progettati in conformità a Pulse DALI di Nordic Aluminium.

- UT Spot ø86 (Track / Ceiling): Grazie alla remote-phosphor technology, i moduli LED che montano le versioni Phosphor LED offrono la massima qualità luminosa possibile e la percezione degli oggetti e degli spazi raggiunge indici di riproduzione cromatica pari a 98, a seconda delle versioni.

I moduli LED installati nelle versioni LED Array dispongono dell'ultima generazione tecnologica che consente una minore temperatura media durante il funzionamento dell'elettronica. Grazie a questa caratteristica, l'apparecchio di illuminazione può funzionare all'interno dei parametri di sicurezza a una maggior potenza, offrendo un aumento del 20% del flusso luminoso.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

A luminaire for indoor use to be mounted on three phase track or on ceilings, available in LED technology light sources and in DALI and non-DIM versions.

The family is available in various models / sizes (Ø57 Ø75 and Ø86 and Rectangular WW) and two mounting options are available: Track (complete installation flexibility) and Ceiling (independent installation).

The luminaire offers the Multichip variant (to obtain opening angles *Super Spot*) and the cylindrical Wall-Washer (only Ø86 version).

The optical housing of the luminaire is manufactured in high-pressure injected aluminium, with white or black finishes.

Remote driver included in ceiling versions.

Also available UT Downlight (see Downlights catalogue section).

## Power Supply

Not dimmable or dimmable Dalì 220-240V, constant current, power supply included.

Includes a on board potentiometer in the track with box version. Versions with a on board adapter do not include a potentiometer.

## Accessories

- Screening crosspiece, elliptical lens, flood lens and honeycomb.
- Support ring (UT Spot ø86).

## Additional Information

Suitable for installation on normally inflammable surfaces. FLOS three-phase lighting track luminaires are designed and fully tested for tracks recommended by FLOS.

Compatibility is guaranteed with three-phase track produced by Nordic Aluminium. Compatibility with Eutrac under request. To verify compatibility with any other track, please contact FLOS before installation.

FLOS three-phase DALI track luminaires are designed for Pulse DALI from Nordic Aluminium.

- UT Spot ø86 (Track / Ceiling):

Thanks to remote-phosphor technology, the LED modules of the Phosphor LED versions offer maximum quality light, the perception of objects and spaces, reaching chromatic reproduction indices of 98, depending on the version.

The LED modules installed on the LED Array versions have cutting-edge technology that permit a lower average temperature in the electronics. Thanks to this feature, the luminaire can operate at a higher power inside the safety parameters, yet still offer 20% added luminous flux.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



UT Spot Ceiling

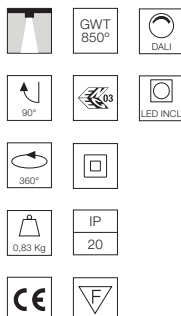
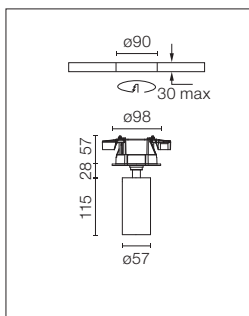


UT Spot Track

# UT SPOT

## Ut Spot Ceiling Ø57

Light Source: LED Array 23,5W - 2400 lm - 3000K/CRI 80 / 23,5W - 1950 lm - 3000K/CRI 90 / 23,5W - 2150 lm - 4000K/CRI 90



Proiettore per installazione a soffitto con fonte di luce LED. Fonte di alimentazione remota 220-240V, 50-60Hz inclusa.

Spotlight to be installed on ceiling with LED light source. 220-240V, 50-60Hz remote power supply included.

### 3000K - CRI 80

Non Dimmable

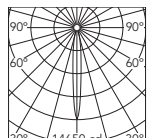
09.4460.30A

09.4460.14A

Dali Version

09.4460.30ADA

09.4460.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	14650	0.18
2	3662	0.36
3	1628	0.54
4	916	0.72
5	586	0.90

Luminous flux luminaire  
1255 lm

### 4000K - CRI 90

Non Dimmable

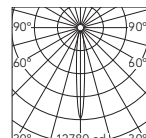
09.4470.30A

09.4470.14A

Dali Version

09.4470.30ADA

09.4470.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	12780	0.18
2	3195	0.36
3	1420	0.54
4	799	0.72
5	511	0.90

Luminous flux luminaire  
1094 lm

### 3000K - CRI 90

Non Dimmable

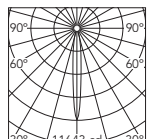
09.4463.30A

09.4463.14A

Dali Version

09.4463.30ADA

09.4463.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	11643	0.18
2	2911	0.36
3	1294	0.54
4	728	0.72
5	466	0.90

Luminous flux luminaire  
997 lm

### 3000K - CRI 80

Non Dimmable

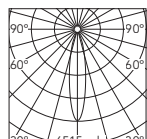
09.4461.30A

09.4461.14A

Dali Version

09.4461.30ADA

09.4461.14ADA



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	6515	0.37
2	1629	0.73
3	724	1.10
4	407	1.47
5	261	1.83

Luminous flux luminaire  
1184 lm

### 4000K - CRI 90

Non Dimmable

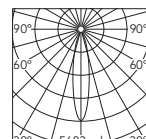
09.4471.30A

09.4471.14A

Dali Version

09.4471.30ADA

09.4471.14ADA



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5683	0.37
2	1421	0.73
3	631	1.10
4	355	1.47
5	227	1.83

Luminous flux luminaire  
1033 lm

### 3000K - CRI 90

Non Dimmable

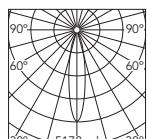
09.4464.30A

09.4464.14A

Dali Version

09.4464.30ADA

09.4464.14ADA



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5178	0.37
2	1294	0.73
3	575	1.10
4	324	1.47
5	207	1.83

Luminous flux luminaire  
941 lm

### 3000K - CRI 80

Non Dimmable

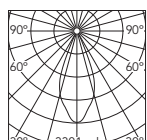
09.4462.30A

09.4462.14A

Dali Version

09.4462.30ADA

09.4462.14ADA



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	3301	0.76
2	825	1.52
3	367	2.28
4	206	3.05
5	132	3.81

Luminous flux luminaire  
1394 lm

### 4000K - CRI 90

Non Dimmable

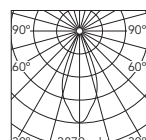
09.4472.30A

09.4472.14A

Dali Version

09.4472.30ADA

09.4472.14ADA



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2879	0.76
2	720	1.52
3	320	2.28
4	180	3.05
5	115	3.81

Luminous flux luminaire  
1216 lm

### 3000K - CRI 90

Non Dimmable

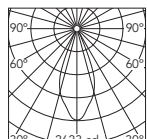
09.4465.30A

09.4465.14A

Dali Version

09.4465.30ADA

09.4465.14ADA



Beam Angle: 42°

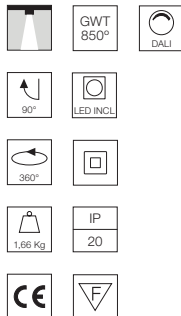
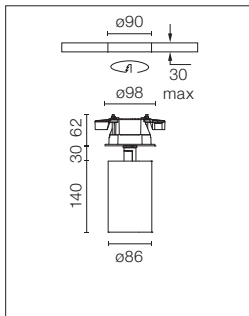
h(m)	E(lx)	D(m)
1	2623	0.76
2	656	1.52
3	291	2.28
4	164	3.05
5	105	3.81

Luminous flux luminaire  
1108 lm

# UT SPOT

## Ut Spot Ceiling Ø86

Light Source: LED Array High Performances 33W - 3960 lm - 3000K/CRI 80 / 33W - 3250 lm - 3000K/CRI 90 / 33W - 3500 lm - 4000K/CRI 90



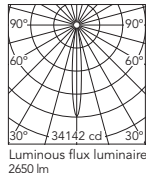
Proiettore per installazione a soffitto con fonte di luce LED. Fonte di alimentazione remota 220-240V, 50-60Hz inclusa.

Spotlight to be installed on ceiling with LED light source. 220-240V, 50-60Hz remote power supply included.

### 3000K - CRI 80

Non Dimmable

- 09.4860.30A
- 09.4860.14A
- Dali Version
- 09.4860.30BDA
- 09.4860.14BDA



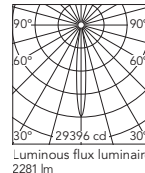
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	34142	0.21
2	8535	0.41
3	3794	0.62
4	2134	0.82
5	1366	1.03

### 4000K - CRI 90

Non Dimmable

- 09.4870.30A
- 09.4870.14A
- Dali Version
- 09.4870.30BDA
- 09.4870.14BDA



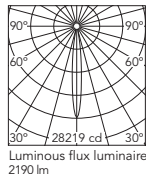
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	29396	0.21
2	7349	0.41
3	3266	0.62
4	1837	0.82
5	1176	1.03

### 3000K - CRI 90

Non Dimmable

- 09.4863.30A
- 09.4863.14A
- Dali Version
- 09.4863.30BDA
- 09.4863.14BDA



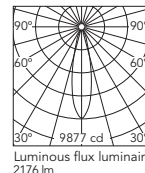
Beam Angle: 12°

h(m)	E(lx)	D(m)
1	28219	0.21
2	7055	0.41
3	3135	0.62
4	1764	0.82
5	1129	1.03

### 4000K - CRI 90

Non Dimmable

- 09.4871.30A
- 09.4871.14A
- Dali Version
- 09.4871.30BDA
- 09.4871.14BDA



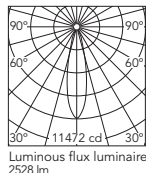
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	9877	0.43
2	2469	0.86
3	1097	1.28
4	617	1.71
5	395	2.14

### 3000K - CRI 80

Non Dimmable

- 09.4861.30A
- 09.4861.14A
- Dali Version
- 09.4861.30BDA
- 09.4861.14BDA



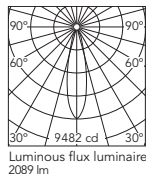
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	11472	0.43
2	2868	0.86
3	1275	1.28
4	717	1.71
5	459	2.14

### 3000K - CRI 90

Non Dimmable

- 09.4864.30A
- 09.4864.14A
- Dali Version
- 09.4864.30BDA
- 09.4864.14BDA



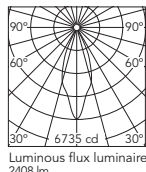
Beam Angle: 24°

h(m)	E(lx)	D(m)
1	9482	0.43
2	2370	0.86
3	1054	1.28
4	593	1.71
5	379	2.14

### 3000K - CRI 80

Non Dimmable

- 09.4862.30A
- 09.4862.14A
- Dali Version
- 09.4862.30BDA
- 09.4862.14BDA



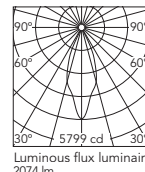
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	6735	0.67
2	1684	1.34
3	748	2.01
4	421	2.69
5	269	3.36

### 4000K - CRI 90

Non Dimmable

- 09.4872.30A
- 09.4872.14A
- Dali Version
- 09.4872.30BDA
- 09.4872.14BDA



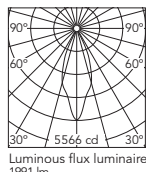
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	5799	0.67
2	1450	1.34
3	644	2.01
4	362	2.69
5	232	3.36

### 3000K - CRI 90

Non Dimmable

- 09.4865.30A
- 09.4865.14A
- Dali Version
- 09.4865.30BDA
- 09.4865.14BDA



Beam Angle: 37°

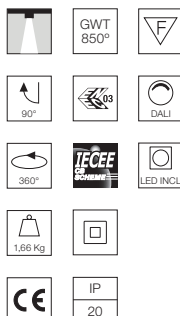
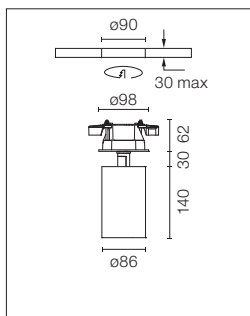
h(m)	E(lx)	D(m)
1	5566	0.67
2	1392	1.34
3	618	2.01
4	348	2.69
5	223	3.36



# UT SPOT

## Ut Spot Ceiling Ø86

Light Source: Phosphor LED 31W/34W - 3000 lm - 3000K/CRI 98 / 29W - 3000 lm - 4000K/CRI 80



Proiettore per installazione a soffitto con fonte di luce LED. Fonte di alimentazione remota 220-240V, 50-60Hz inclusa.

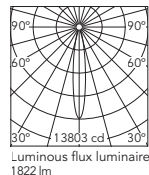
Spotlight to be installed on ceiling with LED light source. 220-240V, 50-60Hz remote power supply included.

ENEC 03 non applicabile ai riferimenti: 09.4264.XX.XX 09.4271.XX.XX

ENEC 03 not applicable to references: 09.4264.XX.XX 09.4271.XX.XX

### 3000K - CRI 98

- Non Dimmable
- 09.4263.30
- 09.4263.14
- Dali Version
- 09.4263.30.DA
- 09.4263.14.DA



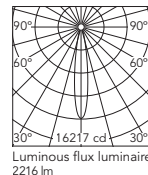
Beam Angle: 16°

h(m)	E(lx)	D(m)
1	13803	0.28
2	3451	0.55
3	1534	0.83
4	863	1.10
5	552	1.38

Luminous flux luminaire 1822 lm

### 4000K - CRI 80

- Non Dimmable
- 09.4270.30
- 09.4270.14
- Dali Version
- 09.4270.30.DA
- 09.4270.14.DA



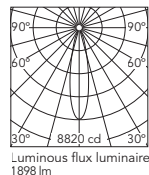
Beam Angle: 17°

h(m)	E(lx)	D(m)
1	16217	0.29
2	4054	0.58
3	1802	0.88
4	1014	1.17
5	649	1.46

Luminous flux luminaire 2216 lm

### 3000K - CRI 98

- Non Dimmable
- 09.4264.30A
- 09.4264.14A
- Dali Version
- 09.4264.30ADA
- 09.4264.14ADA



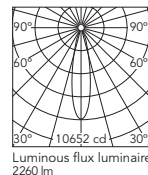
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	8820	0.41
2	2205	0.82
3	980	1.23
4	551	1.64
5	353	2.05

Luminous flux luminaire 1898 lm

### 4000K - CRI 80

- Non Dimmable
- 09.4271.30A
- 09.4271.14A
- Dali Version
- 09.4271.30ADA
- 09.4271.14ADA



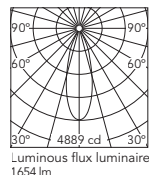
Beam Angle: 23°

h(m)	E(lx)	D(m)
1	10652	0.41
2	2663	0.81
3	1184	1.22
4	666	1.63
5	426	2.03

Luminous flux luminaire 2260 lm

### 3000K - CRI 98

- Non Dimmable
- 09.4265.30
- 09.4265.14
- Dali Version
- 09.4265.30.DA
- 09.4265.14.DA



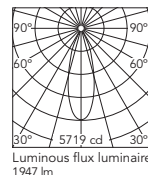
Beam Angle: 32°

h(m)	E(lx)	D(m)
1	4889	0.57
2	1222	1.15
3	543	1.72
4	306	2.29
5	196	2.87

Luminous flux luminaire 1654 lm

### 4000K - CRI 80

- Non Dimmable
- 09.4272.30
- 09.4272.14
- Dali Version
- 09.4272.30.DA
- 09.4272.14.DA



Beam Angle: 32°

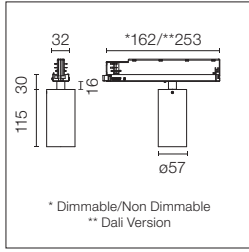
h(m)	E(lx)	D(m)
1	5719	0.58
2	1430	1.15
3	635	1.73
4	357	2.31
5	229	2.89

Luminous flux luminaire 1947 lm

# UT SPOT

## Ut Spot Track Ø57

Light Source: LED Array 23,5W - 2500 lm - 3000K/CRI 80 / 23,5W - 2000 lm - 3000K/CRI 90 / 23,5W- 2150 lm - 4000K/CRI 90



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

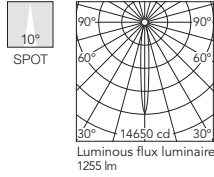
Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Le versioni .30 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

.30 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

### 3000K - CRI 80

- Non Dimmable
- 09.7700.30A
  - 09.7700.14A
- Non Dimmable All White
- 09.7700.30A78
- Dali 2
- 09.7700.30ADA
  - 09.7700.14ADA
- Dali 2 All White
- 09.7700.30AYU



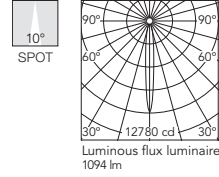
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	14650	0.18
2	3662	0.36
3	1628	0.54
4	916	0.72
5	586	0.90

Luminous flux luminaire 1255 lm

### 4000K - CRI 90

- Non Dimmable
- 09.7701.30A
  - 09.7701.14A
- Non Dimmable All White
- 09.7701.30A78
- Dali 2
- 09.7701.30ADA
  - 09.7701.14ADA
- Dali 2 All White
- 09.7701.30AYU



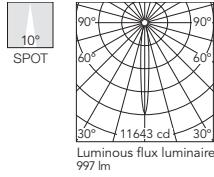
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	12780	0.18
2	3195	0.36
3	1420	0.54
4	799	0.72
5	511	0.90

Luminous flux luminaire 1094 lm

### 3000K - CRI 90

- Non Dimmable
- 09.7706.30A
  - 09.7706.14A
- Non Dimmable All White
- 09.7706.30A78
- Dali 2
- 09.7706.30ADA
  - 09.7706.14ADA
- Dali 2 All White
- 09.7706.30AYU



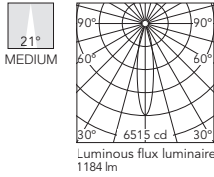
Beam Angle: 10°

h(m)	E(lx)	D(m)
1	11643	0.18
2	2911	0.36
3	1294	0.54
4	728	0.72
5	466	0.90

Luminous flux luminaire 997 lm

### 3000K - CRI 80

- Non Dimmable
- 09.7702.30A
  - 09.7702.14A
- Non Dimmable All White
- 09.7702.30A78
- Dali 2
- 09.7702.30ADA
  - 09.7702.14ADA
- Dali 2 All White
- 09.7702.30AYU



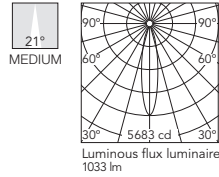
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	6515	0.37
2	1629	0.73
3	724	1.10
4	407	1.47
5	261	1.83

Luminous flux luminaire 1184 lm

### 4000K - CRI 90

- Non Dimmable
- 09.7703.30A
  - 09.7703.14A
- Non Dimmable All White
- 09.7703.30A78
- Dali 2
- 09.7703.30ADA
  - 09.7703.14ADA
- Dali 2 All White
- 09.7703.30AYU



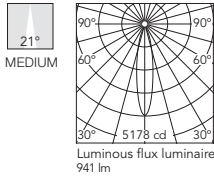
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5683	0.37
2	1421	0.73
3	631	1.10
4	355	1.47
5	227	1.83

Luminous flux luminaire 1033 lm

### 3000K - CRI 90

- Non Dimmable
- 09.7707.30A
  - 09.7707.14A
- Non Dimmable All White
- 09.7707.30A78
- Dali 2
- 09.7707.30ADA
  - 09.7707.14ADA
- Dali 2 All White
- 09.7707.30AYU



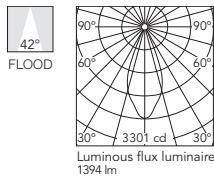
Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5178	0.37
2	1294	0.73
3	575	1.10
4	324	1.47
5	207	1.83

Luminous flux luminaire 941 lm

### 3000K - CRI 80

- Non Dimmable
- 09.7704.30A
  - 09.7704.14A
- Non Dimmable All White
- 09.7704.30A78
- Dali 2
- 09.7704.30ADA
  - 09.7704.14ADA
- Dali 2 All White
- 09.7704.30AYU



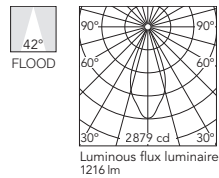
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	3301	0.76
2	825	1.52
3	367	2.28
4	206	3.05
5	132	3.81

Luminous flux luminaire 1394 lm

### 4000K - CRI 90

- Non Dimmable
- 09.7705.30A
  - 09.7705.14A
- Non Dimmable All White
- 09.7705.30A78
- Dali 2
- 09.7705.30ADA
  - 09.7705.14ADA
- Dali 2 All White
- 09.7705.30AYU



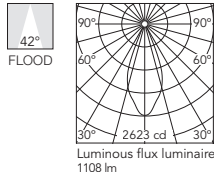
Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2879	0.76
2	720	1.52
3	320	2.28
4	180	3.05
5	115	3.81

Luminous flux luminaire 1216 lm

### 3000K - CRI 90

- Non Dimmable
- 09.7708.30A
  - 09.7708.14A
- Non Dimmable All White
- 09.7708.30A78
- Dali 2
- 09.7708.30ADA
  - 09.7708.14ADA
- Dali 2 All White
- 09.7708.30AYU



Beam Angle: 42°

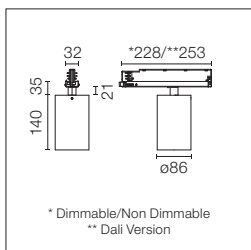
h(m)	E(lx)	D(m)
1	2623	0.76
2	656	1.52
3	291	2.28
4	164	3.05
5	105	3.81

Luminous flux luminaire 1108 lm

# UT SPOT

## Ut Spot Track Ø86

**Light Source:** LED Array High Performances 33W - 3770 lm - 3000K/CRI 80 / 33W - 3116 lm - 3000K/CRI 90 / 33W - 3246 lm - 4000K/CRI 90



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

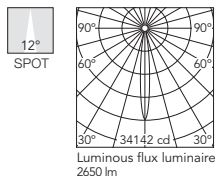
Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Le versioni .30 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

.30 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

### 3000K - CRI 80

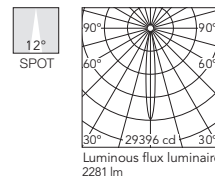
- Non Dimmable
- 09.7750.30A
- 09.7750.14A
- Non Dimmable All White
- 09.7750.30A78
- Dali 2
- 09.7750.30ADA
- 09.7750.14ADA
- Dali 2 All White
- 09.7750.30AYU



h(m)	E(lx)	D(m)
1	34142	0.21
2	8535	0.41
3	3794	0.62
4	2134	0.82
5	1366	1.03

### 4000K - CRI 90

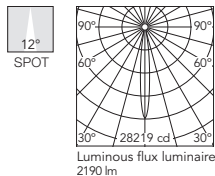
- Non Dimmable
- 09.7751.30A
- 09.7751.14A
- Non Dimmable All White
- 09.7751.30A78
- Dali 2
- 09.7751.30ADA
- 09.7751.14ADA
- Dali 2 All White
- 09.7751.30AYU



h(m)	E(lx)	D(m)
1	29396	0.21
2	7349	0.41
3	3266	0.62
4	1837	0.82
5	1176	1.03

### 3000K - CRI 90

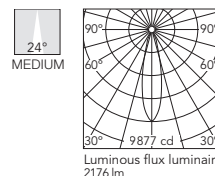
- Non Dimmable
- 09.7756.30A
- 09.7756.14A
- Non Dimmable All White
- 09.7756.30A78
- Dali 2
- 09.7756.30ADA
- 09.7756.14ADA
- Dali 2 All White
- 09.7756.30AYU



h(m)	E(lx)	D(m)
1	28219	0.21
2	7055	0.41
3	3135	0.62
4	1764	0.82
5	1129	1.03

### 4000K - CRI 90

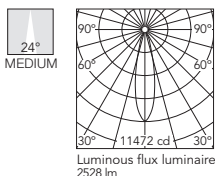
- Non Dimmable
- 09.7753.30A
- 09.7753.14A
- Non Dimmable All White
- 09.7753.30A78
- Dali 2
- 09.7753.30ADA
- 09.7753.14ADA
- Dali 2 All White
- 09.7753.30AYU



h(m)	E(lx)	D(m)
1	9877	0.43
2	2469	0.86
3	1097	1.28
4	617	1.71
5	395	2.14

### 3000K - CRI 80

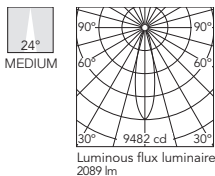
- Non Dimmable
- 09.7752.30A
- 09.7752.14A
- Non Dimmable All White
- 09.7752.30A78
- Dali 2
- 09.7752.30ADA
- 09.7752.14ADA
- Dali 2 All White
- 09.7752.30AYU



h(m)	E(lx)	D(m)
1	11472	0.43
2	2868	0.86
3	1275	1.28
4	717	1.71
5	459	2.14

### 3000K - CRI 90

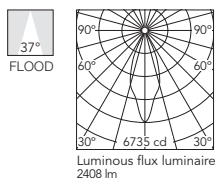
- Non Dimmable
- 09.7757.30A
- 09.7757.14A
- Non Dimmable All White
- 09.7757.30A78
- Dali 2
- 09.7757.30ADA
- 09.7757.14ADA
- Dali 2 All White
- 09.7757.30AYU



h(m)	E(lx)	D(m)
1	9482	0.43
2	2370	0.86
3	1054	1.28
4	593	1.71
5	379	2.14

### 3000K - CRI 80

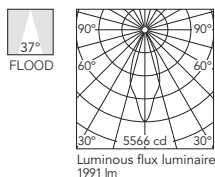
- Non Dimmable
- 09.7754.30A
- 09.7754.14A
- Non Dimmable All White
- 09.7754.30A78
- Dali 2
- 09.7754.30ADA
- 09.7754.14ADA
- Dali 2 All White
- 09.7754.30AYU



h(m)	E(lx)	D(m)
1	6735	0.67
2	1684	1.34
3	748	2.01
4	421	2.69
5	269	3.36

### 3000K - CRI 90

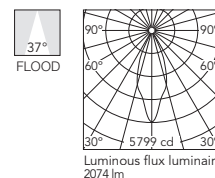
- Non Dimmable
- 09.7758.30A
- 09.7758.14A
- Non Dimmable All White
- 09.7758.30A78
- Dali 2
- 09.7758.30ADA
- 09.7758.14ADA
- Dali 2 All White
- 09.7758.30AYU



h(m)	E(lx)	D(m)
1	5566	0.67
2	1392	1.34
3	618	2.01
4	348	2.69
5	223	3.36

### 4000K - CRI 90

- Non Dimmable
- 09.7755.30A
- 09.7755.14A
- Non Dimmable All White
- 09.7755.30A78
- Dali 2
- 09.7755.30ADA
- 09.7755.14ADA
- Dali 2 All White
- 09.7755.30AYU

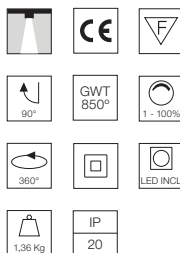
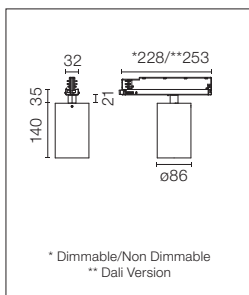


h(m)	E(lx)	D(m)
1	5799	0.67
2	1450	1.34
3	644	2.01
4	362	2.69
5	232	3.36

# UT SPOT

## Ut Spot Track Ø86

Light Source: Phosphor LED 27W - 3000 lm - 3000K/CRI 98 / 23W - 3000 lm - 4000K/CRI 80



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Le versioni .30 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

.30 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

Finishes Available



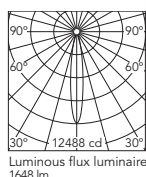
### 3000K - CRI 98

Non Dimmable

- 09.7733.30
- 09.7733.14
- All White
- 09.7733.30.78

Dali 2

- 09.7733.30.DA
- 09.7733.14.DA
- All White
- 09.7733.30.YU



Beam Angle: 16°	h(m)	E(lx)	D(m)
1	12488	0.28	
2	3122	0.55	
3	1388	0.83	
4	781	1.10	
5	500	1.38	

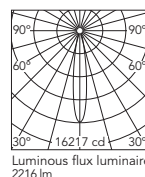
### 4000K - CRI 80

Non Dimmable

- 09.7730.30
- 09.7730.14
- All White
- 09.7730.30.78

Dali 2

- 09.7730.30.DA
- 09.7730.14.DA
- All White
- 09.7730.30.YU



Beam Angle: 17°	h(m)	E(lx)	D(m)
1	16217	0.29	
2	4054	0.58	
3	1802	0.88	
4	1014	1.17	
5	649	1.46	

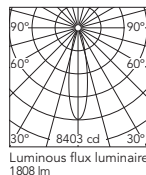
### 3000K - CRI 98

Non Dimmable

- 09.7734.30A
- 09.7734.14A
- All White
- 09.7734.30A78

Dali 2

- 09.7734.30ADA
- 09.7734.14ADA
- All White
- 09.7734.30AYU



Beam Angle: 23°	h(m)	E(lx)	D(m)
1	8403	0.41	
2	2101	0.82	
3	934	1.23	
4	525	1.64	
5	336	2.05	

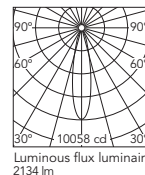
### 4000K - CRI 80

Non Dimmable

- 09.7731.30A
- 09.7731.14A
- All White
- 09.7731.30A78

Dali 2

- 09.7731.30ADA
- 09.7731.14ADA
- All White
- 09.7731.30AYU



Beam Angle: 23°	h(m)	E(lx)	D(m)
1	10058	0.41	
2	2514	0.81	
3	1118	1.22	
4	629	1.63	
5	402	2.03	

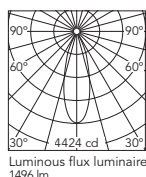
### 3000K - CRI 98

Non Dimmable

- 09.7735.30
- 09.7735.14
- All White
- 09.7735.30.78

Dali 2

- 09.7735.30.DA
- 09.7735.14.DA
- All White
- 09.7735.30.YU



Beam Angle: 32°	h(m)	E(lx)	D(m)
1	4424	0.57	
2	1106	1.15	
3	492	1.72	
4	276	2.29	
5	177	2.87	

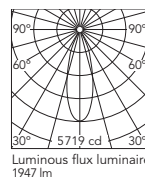
### 4000K - CRI 80

Non Dimmable

- 09.7732.30
- 09.7732.14
- All White
- 09.7732.30.78

Dali 2

- 09.7732.30.DA
- 09.7732.14.DA
- All White
- 09.7732.30.YU

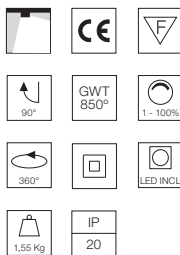
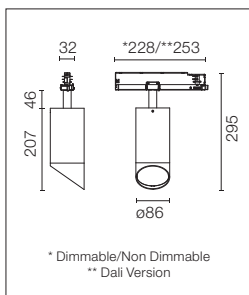


Beam Angle: 32°	h(m)	E(lx)	D(m)
1	5719	0.58	
2	1430	1.15	
3	635	1.73	
4	357	2.31	
5	229	2.89	

# UT SPOT

## Ut Spot Track Wall-Washer Ø86

**Light Source:** LED Array High Performances 33W - 3960 lm - 3000K/CRI 80 / 33W - 3250 lm - 3000K/CRI 90 / 33W - 3500 lm - 4000K/CRI 90



Finishes Available



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Le versioni .30 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

.30 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

### 3000K - CRI 80

Non Dimmable

- 09.7770.30A
- 09.7770.14A

All White

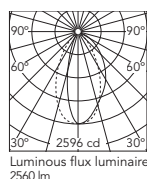
- 09.7770.30A78

Dali 2

- 09.7770.30ADA
- 09.7770.14ADA

Dali 2 All White

- 09.7770.30AYU



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2596	0.98
2	649	1.97
3	288	2.95
4	162	3.94
5	104	4.92

### 4000K - CRI 90

Non Dimmable

- 09.7772.30A
- 09.7772.14A

All White

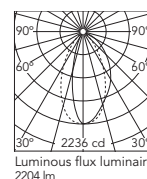
- 09.7772.30A78

Dali 2

- 09.7772.30ADA
- 09.7772.14ADA

Dali 2 All White

- 09.7772.30AYU



Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2236	0.98
2	559	1.97
3	248	2.95
4	140	3.94
5	89	4.92

### 3000K - CRI 90

Non Dimmable

- 09.7771.30A
- 09.7771.14A

All White

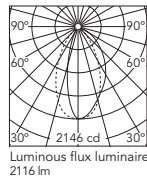
- 09.7771.30A78

Dali 2

- 09.7771.30ADA
- 09.7771.14ADA

Dali 2 All White

- 09.7771.30AYU



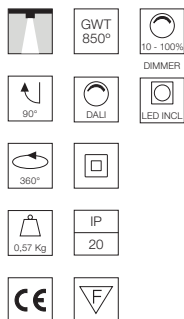
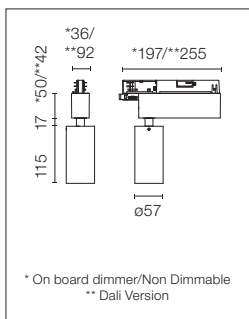
Beam Angle: 50°

h(m)	E(lx)	D(m)
1	2146	0.98
2	537	1.97
3	238	2.95
4	134	3.94
5	86	4.92

# UT SPOT

## Ut Spot Track Ø57

Light Source: LED Array 23,5W - 2500 lm - 3000K/CRI 80 / 23,5W - 2000 lm - 3000K/CRI 90 / 23,5W - 2150 lm - 4000K/CRI 90



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

### 3000K - CRI 80

On board dimmer

09.4440.30A

09.4440.14A

Non Dimmable

09.4480.30A

09.4480.14A

Dali Version

09.4440.30ADA

09.4440.14ADA

### 3000K - CRI 90

On board dimmer

09.4443.30A

09.4443.14A

Non Dimmable

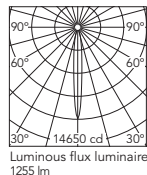
09.4486.30A

09.4486.14A

Dali Version

09.4443.30ADA

09.4443.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	14650	0.18
2	3662	0.36
3	1628	0.54
4	916	0.72
5	586	0.90

Luminous flux luminaire 1255 lm

### 4000K - CRI 90

On board dimmer included

09.4450.30A

09.4450.14A

Non Dimmable

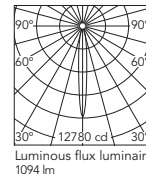
09.4481.30A

09.4481.14A

Dali Version

09.4450.30ADA

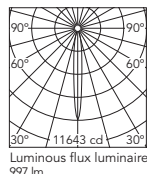
09.4450.14ADA



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	12780	0.18
2	3195	0.36
3	1420	0.54
4	799	0.72
5	511	0.90

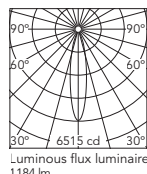
Luminous flux luminaire 1094 lm



Beam Angle: 10°

h(m)	E(lx)	D(m)
1	11643	0.18
2	2911	0.36
3	1294	0.54
4	728	0.72
5	466	0.90

Luminous flux luminaire 997 lm



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	6515	0.37
2	1629	0.73
3	724	1.10
4	407	1.47
5	261	1.83

Luminous flux luminaire 1184 lm

### 4000K - CRI 90

On board dimmer included

09.4451.30A

09.4451.14A

Non Dimmable

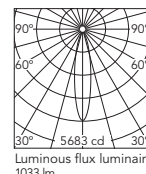
09.4483.30A

09.4483.14A

Dali Version

09.4451.30ADA

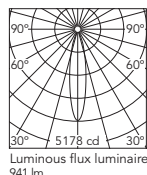
09.4451.14ADA



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5683	0.37
2	1421	0.73
3	631	1.10
4	355	1.47
5	227	1.83

Luminous flux luminaire 1033 lm



Beam Angle: 21°

h(m)	E(lx)	D(m)
1	5178	0.37
2	1294	0.73
3	575	1.10
4	324	1.47
5	207	1.83

Luminous flux luminaire 941 lm

### 3000K - CRI 80

On board dimmer

09.4441.30A

09.4441.14A

Non Dimmable

09.4482.30A

09.4482.14A

Dali Version

09.4441.30ADA

09.4441.14ADA

### 3000K - CRI 90

On board dimmer

09.4444.30A

09.4444.14A

Non Dimmable

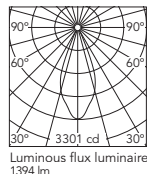
09.4487.30A

09.4487.14A

Dali Version

09.4444.30ADA

09.4444.14ADA



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	3301	0.76
2	825	1.52
3	367	2.28
4	206	3.05
5	132	3.81

Luminous flux luminaire 1394 lm

### 4000K - CRI 90

On board dimmer included

09.4452.30A

09.4452.14A

Non Dimmable

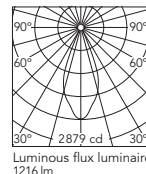
09.4485.30A

09.4485.14A

Dali Version

09.4452.30ADA

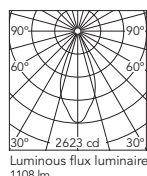
09.4452.14ADA



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2879	0.76
2	720	1.52
3	320	2.28
4	180	3.05
5	115	3.81

Luminous flux luminaire 1216 lm



Beam Angle: 42°

h(m)	E(lx)	D(m)
1	2623	0.76
2	656	1.52
3	291	2.28
4	164	3.05
5	105	3.81

Luminous flux luminaire 1108 lm

### 3000K - CRI 80

On board dimmer

09.4442.30A

09.4442.14A

Non Dimmable

09.4484.30A

09.4484.14A

Dali Version

09.4442.30ADA

09.4442.14ADA

### 3000K - CRI 90

On board dimmer

09.4445.30A

09.4445.14A

Non Dimmable

09.4488.30A

09.4488.14A

Dali Version

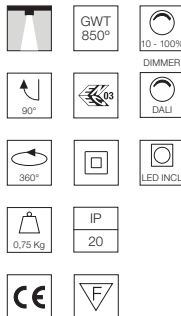
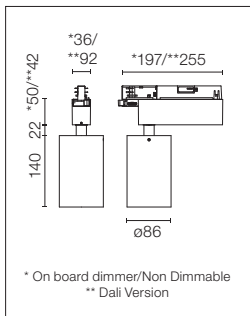
09.4445.30ADA

09.4445.14ADA

# UT SPOT

## Ut Spot Track Ø86

Light Source: LED Array High Performances 33W - 3770 lm - 3000K/CRI 80 / 33W - 3116 lm - 3000K/CRI 90 / 33W - 3246 lm - 4000K/CRI 90



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

### 3000K - CRI 80

On board dimmer

09.4840.30A

09.4840.14A

Non Dimmable

09.4880.30A

09.4880.14A

Dali Version

09.4840.30ADA

09.4840.14ADA

### 3000K - CRI 90

On board dimmer

09.4843.30A

09.4843.14A

Non Dimmable

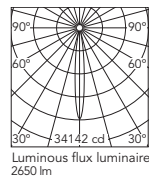
09.4886.30A

09.4886.14A

Dali Version

09.4843.30ADA

09.4843.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	34142	0.21
2	8535	0.41
3	3794	0.62
4	2134	0.82
5	1366	1.03

### 4000K - CRI 90

On board dimmer included

09.4850.30A

09.4850.14A

Non Dimmable

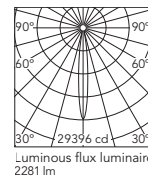
09.4881.30A

09.4881.14A

Dali Version

09.4850.30ADA

09.4850.14ADA



Beam Angle: 12°

h(m)	E(lx)	D(m)
1	29396	0.21
2	7349	0.41
3	3266	0.62
4	1837	0.82
5	1176	1.03

### 3000K - CRI 80

On board dimmer

09.4841.30A

09.4841.14A

Non Dimmable

09.4882.30A

09.4882.14A

Dali Version

09.4841.30ADA

09.4841.14ADA

### 3000K - CRI 90

On board dimmer

09.4844.30A

09.4844.14A

Non Dimmable

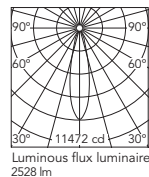
09.4887.30A

09.4887.14A

Dali Version

09.4844.30ADA

09.4844.14ADA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	11472	0.43
2	2868	0.86
3	1275	1.28
4	717	1.71
5	459	2.14

### 4000K - CRI 90

On board dimmer included

09.4851.30A

09.4851.14A

Non Dimmable

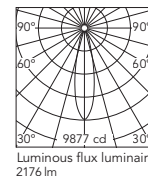
09.4883.30A

09.4883.14A

Dali Version

09.4851.30ADA

09.4851.14ADA



Beam Angle: 24°

h(m)	E(lx)	D(m)
1	9877	0.43
2	2469	0.86
3	1097	1.28
4	617	1.71
5	395	2.14

### 3000K - CRI 80

On board dimmer

09.4842.30A

09.4842.14A

Non Dimmable

09.4884.30A

09.4884.14A

Dali Version

09.4842.30ADA

09.4842.14ADA

### 3000K - CRI 90

On board dimmer

09.4845.30A

09.4845.14A

Non Dimmable

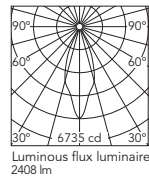
09.4888.30A

09.4888.14A

Dali Version

09.4845.30ADA

09.4845.14ADA



Beam Angle: 37°

h(m)	E(lx)	D(m)
1	6735	0.67
2	1684	1.34
3	748	2.01
4	421	2.69
5	269	3.36

### 4000K - CRI 90

On board dimmer included

09.4852.30A

09.4852.14A

Non Dimmable

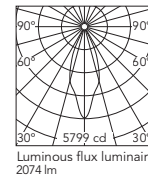
09.4885.30A

09.4885.14A

Dali Version

09.4852.30ADA

09.4852.14ADA



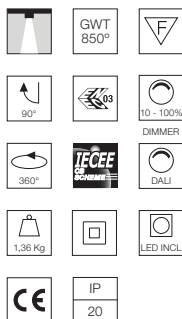
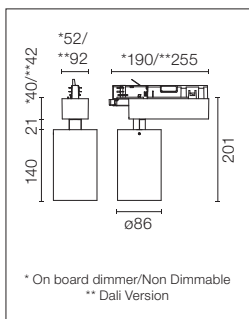
Beam Angle: 37°

h(m)	E(lx)	D(m)
1	5799	0.67
2	1450	1.34
3	644	2.01
4	362	2.69
5	232	3.36

# UT SPOT

## Ut Spot Track Ø86

Light Source: Phosphor LED 31W/34W - 2650 lm - 3000K/CRI 98 / 29W - 3000 lm - 4000K/CRI 80



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

### 3000K - CRI 98

On board dimmer

09.4243.30

09.4243.14

Non Dimmable

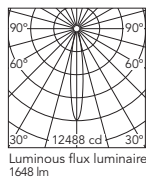
09.4286.30

09.4286.14

Dali Version

09.4243.30.DA

09.4243.14.DA



Beam Angle: 16°

h(m)	E(lx)	D(m)
1	12488	0.28
2	3122	0.55
3	1388	0.83
4	781	1.10
5	500	1.38

### 4000K - CRI 80

On board dimmer

09.4250.30

09.4250.14

Non Dimmable

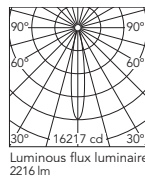
09.4281.30

09.4281.14

Dali Version

09.4250.30.DA

09.4250.14.DA



Beam Angle: 17°

h(m)	E(lx)	D(m)
1	16217	0.29
2	4054	0.58
3	1802	0.88
4	1014	1.17
5	649	1.46

### 3000K - CRI 98

On board dimmer

09.4244.30A

09.4244.14A

Non Dimmable

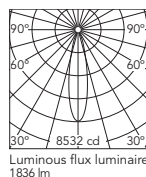
09.4287.30A

09.4287.14A

Dali Version

09.4244.30ADA

09.4244.14ADA



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	8532	0.41
2	2133	0.82
3	948	1.23
4	533	1.64
5	341	2.05

### 4000K - CRI 80

On board dimmer

09.4251.30A

09.4251.14A

Non Dimmable

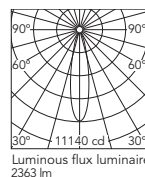
09.4283.30A

09.4283.14A

Dali Version

09.4251.30ADA

09.4251.14ADA



Beam Angle: 23°

h(m)	E(lx)	D(m)
1	11140	0.41
2	2785	0.81
3	1238	1.22
4	696	1.63
5	446	2.03

### 3000K - CRI 98

On board dimmer

09.4245.30

09.4245.14

Non Dimmable

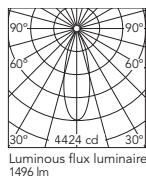
09.4288.30

09.4288.14

Dali Version

09.4245.30.DA

09.4245.14.DA



Beam Angle: 32°

h(m)	E(lx)	D(m)
1	4424	0.57
2	1106	1.15
3	492	1.72
4	276	2.29
5	177	2.87

### 4000K - CRI 80

On board dimmer

09.4252.30

09.4252.14

Non Dimmable

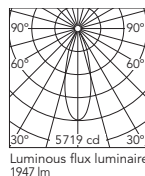
09.4285.30

09.4285.14

Dali Version

09.4252.30.DA

09.4252.14.DA



Beam Angle: 32°

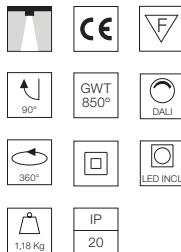
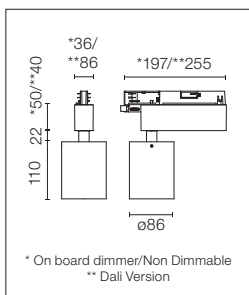
h(m)	E(lx)	D(m)
1	5719	0.58
2	1430	1.15
3	635	1.73
4	357	2.31
5	229	2.89



# UT SPOT

## Ut Spot Track Multichip Ø86

Light Source: Top LED 11,5W - 850 lm - 3000K/CRI 90 / 11,5W - 950 lm - 3000K/CRI 80 / 11,5W - 1000 lm - 4000K/CRI 80



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

Gli accessori non sono compatibili con questa versione.

The accessories are not compatible with this version.

### 3000K - CRI 80

On board dimmer

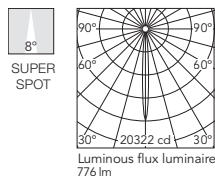
- 09.4980.30
- 09.4980.14

Non Dimmable

- 09.4983.30
- 09.4983.14

Dali Version

- 09.4980.30ADA
- 09.4980.14ADA



h(m)	E(lx)	D(m)
1	20322	0.14
2	5081	0.27
3	2258	0.41
4	1270	0.54
5	813	0.68

### 4000K - CRI 80

On board dimmer

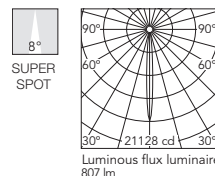
- 09.4982.30
- 09.4982.14

Non Dimmable

- 09.4985.30
- 09.4985.14

Dali Version

- 09.4982.30ADA
- 09.4982.14ADA



h(m)	E(lx)	D(m)
1	21128	0.14
2	5282	0.27
3	2348	0.41
4	1321	0.54
5	845	0.68

### 3000K - CRI 90

On board dimmer

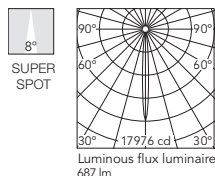
- 09.4981.30
- 09.4981.14

Non Dimmable

- 09.4984.30
- 09.4984.14

Dali Version

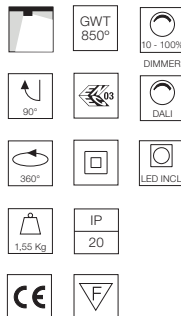
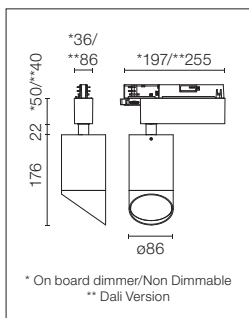
- 09.4981.30ADA
- 09.4981.14ADA



h(m)	E(lx)	D(m)
1	17976	0.14
2	4494	0.27
3	1997	0.41
4	1124	0.54
5	719	0.68

## Ut Spot Track Wall-Washer Ø86

Light Source: LED Array High Performances 33W - 3960 lm - 3000K/CRI 80 / 33W - 3250 lm - 3000K/CRI 90 / 33W - 3500 lm - 4000K/CRI 90



Proiettore per installazione su binario trifase con fonte di luce LED. Fonte di alimentazione 220-240V, 50-60Hz integrata.

Spotlight to be installed on 3-phase track with LED light source. 220-240V, 50-60Hz power supply integrated.

### 3000K - CRI 80

On board dimmer

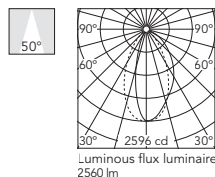
- 09.4950.30A
- 09.4950.14A

Non Dimmable

- 09.4951.30A
- 09.4951.14A

Dali Version

- 09.4950.30ADA
- 09.4950.14ADA



h(m)	E(lx)	D(m)
1	2596	0.98
2	649	1.97
3	288	2.95
4	162	3.94
5	104	4.92

### 4000K - CRI 90

On board dimmer

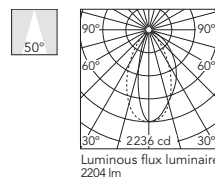
- 09.4956.30A
- 09.4956.14A

Non Dimmable

- 09.4957.30A
- 09.4957.14A

Dali Version

- 09.4956.30ADA
- 09.4956.14ADA



h(m)	E(lx)	D(m)
1	2236	0.98
2	559	1.97
3	248	2.95
4	140	3.94
5	89	4.92

### 3000K - CRI 90

On board dimmer

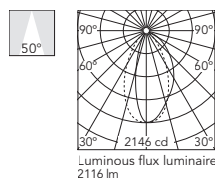
- 09.4953.30A
- 09.4953.14A

Non Dimmable

- 09.4954.30A
- 09.4954.14A

Dali Version

- 09.4953.30ADA
- 09.4953.14ADA

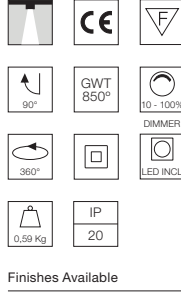
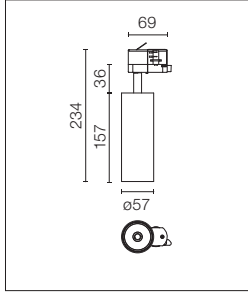


h(m)	E(lx)	D(m)
1	2146	0.98
2	537	1.97
3	238	2.95
4	134	3.94
5	86	4.92

# UT PRO

## UT Pro 150 GA-69

Light Source: LED Array 21W - 2524 lm - 3000K/CRI 80 / 21W - 2183 lm - 3000K/CRI 90 / 21W - 2360 lm - 4000K/CRI 90

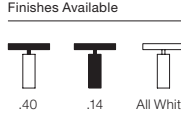


Proiettore per installazione su guida trifase standard con fonte di luce LED. Fonte di alimentazione 120-270V integrata.

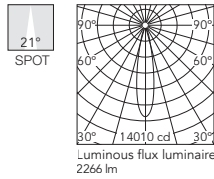
Spotlight to be installed in standard 3-phase track with LED light source. 120-270V power supply integrated.

Le versioni .40 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.



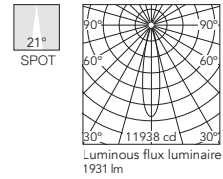
- 3000K - CRI 80  
On board dimmer**
- 09.7270.40B
  - 09.7270.14B
  - All White
  - 09.7270.40B78



Beam Angle: 21°

h(m)	Ef(lx)	D(m)
1	14010	0.37
2	3503	0.74
3	1557	1.11
4	876	1.48
5	560	1.85

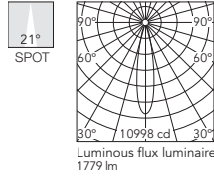
- 3000K - CRI 90  
On board dimmer**
- 09.7276.40B
  - 09.7276.14B
  - All White
  - 09.7276.40B78



Beam Angle: 21°

h(m)	Ef(lx)	D(m)
1	11938	0.37
2	2984	0.74
3	1326	1.11
4	746	1.48
5	478	1.85

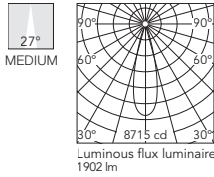
- 4000K - CRI 90  
On board dimmer**
- 09.7271.40B
  - 09.7271.14B
  - All White
  - 09.7271.40B78



Beam Angle: 21°

h(m)	Ef(lx)	D(m)
1	10998	0.37
2	2750	0.74
3	1222	1.11
4	687	1.48
5	440	1.85

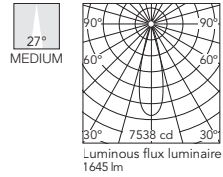
- 3000K - CRI 80  
On board dimmer**
- 09.7272.40B
  - 09.7272.14B
  - All White
  - 09.7272.40B78



Beam Angle: 27°

h(m)	Ef(lx)	D(m)
1	8715	0.49
2	2179	0.98
3	968	1.47
4	545	1.96
5	349	2.44

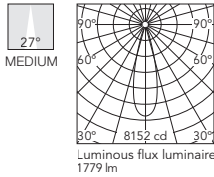
- 3000K - CRI 90  
On board dimmer**
- 09.7277.40B
  - 09.7277.14B
  - All White
  - 09.7277.40B78



Beam Angle: 27°

h(m)	Ef(lx)	D(m)
1	7538	0.49
2	1884	0.98
3	838	1.47
4	471	1.96
5	302	2.44

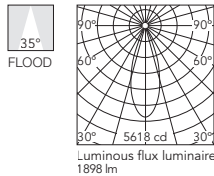
- 4000K - CRI 90  
On board dimmer**
- 09.7273.40B
  - 09.7273.14B
  - All White
  - 09.7273.40B78



Beam Angle: 27°

h(m)	Ef(lx)	D(m)
1	8152	0.49
2	2038	0.98
3	906	1.47
4	509	1.96
5	326	2.44

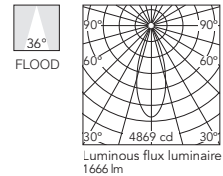
- 3000K - CRI 80  
On board dimmer**
- 09.7274.40B
  - 09.7274.14B
  - All White
  - 09.7274.40B78



Beam Angle: 35°

h(m)	Ef(lx)	D(m)
1	5618	0.64
2	1404	1.27
3	624	1.91
4	351	2.54
5	225	3.18

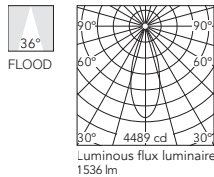
- 3000K - CRI 90  
On board dimmer**
- 09.7278.40B
  - 09.7278.14B
  - All White
  - 09.7278.40B78



Beam Angle: 36°

h(m)	Ef(lx)	D(m)
1	4869	0.64
2	1217	1.28
3	541	1.92
4	304	2.56
5	195	3.20

- 4000K - CRI 90  
On board dimmer**
- 09.7275.40B
  - 09.7275.14B
  - All White
  - 09.7275.40B78

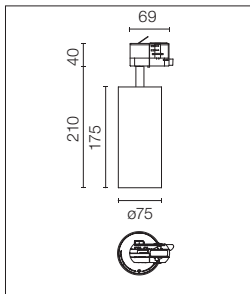


Beam Angle: 36°

h(m)	Ef(lx)	D(m)
1	4489	0.64
2	1122	1.28
3	499	1.92
4	281	2.56
5	180	3.20

UT Pro 175 GA-69

Light Source: LED Array 46,5W - 4740 lm - 3000K/CRI 80 / 3960 lm - 3000K/CRI 90 / 4278 lm - 4000K/CRI 90



90°  
 CE  
 GWT 850°  
 DIMMER 10 - 100%  
 LED INCL.  
 360°  
 IP 20  
 1,25 Kg

Finishes Available



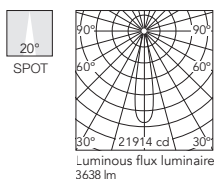
Proiettore per installazione su guida trifase standard con fonte di luce LED. Fonte di alimentazione 120-270V integrata.

Le versioni .40 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

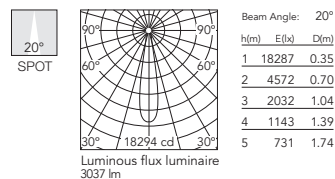
Spotlight to be installed in standard 3-phase track with LED light source. 120-270V power supply integrated.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

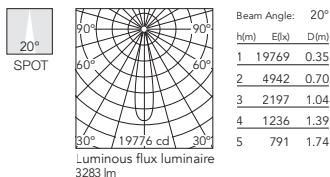
- 3000K - CRI 80**  
**On board dimmer**  
 09.7310.40A  
 09.7310.14A  
 All White  
 09.7310.40A78



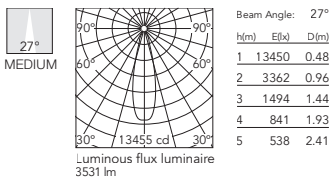
- 3000K - CRI 90**  
**On board dimmer**  
 09.7311.40A  
 09.7311.14A  
 All White  
 09.7311.40A78



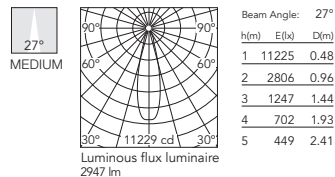
- 4000K - CRI 90**  
**On board dimmer**  
 09.7312.40A  
 09.7312.14A  
 All White  
 09.7312.40A78



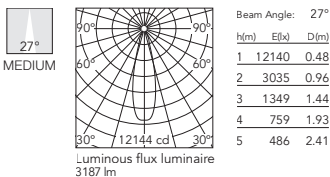
- 3000K - CRI 80**  
**On board dimmer**  
 09.7313.40A  
 09.7313.14A  
 All White  
 09.7313.40A78



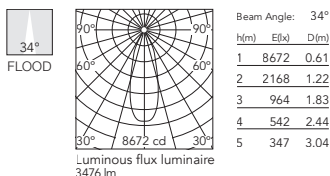
- 3000K - CRI 90**  
**On board dimmer**  
 09.7314.40A  
 09.7314.14A  
 All White  
 09.7314.40A78



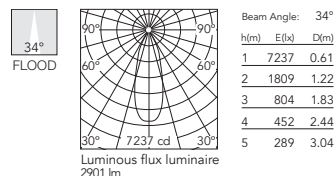
- 4000K - CRI 90**  
**On board dimmer**  
 09.7315.40A  
 09.7315.14A  
 All White  
 09.7315.40A78



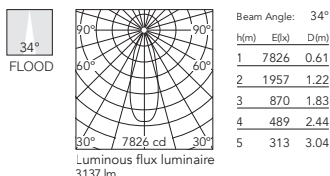
- 3000K - CRI 80**  
**On board dimmer**  
 09.7316.40A  
 09.7316.14A  
 All White  
 09.7316.40A78



- 3000K - CRI 90**  
**On board dimmer**  
 09.7317.40A  
 09.7317.14A  
 All White  
 09.7317.40A78



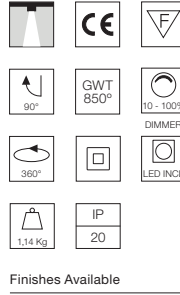
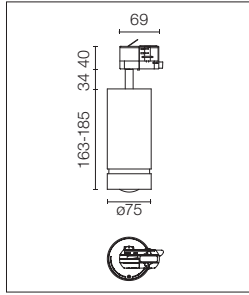
- 4000K - CRI 90**  
**On board dimmer**  
 09.7318.40A  
 09.7318.14A  
 All White  
 09.7318.40A78



# UT PRO

## UT Pro 175 Lens GA-69

Light Source: LED Array 35,3W - 3950 lm - 3000K/CRI 80 / 35,3W - 3250 lm - 3000K/CRI 90 / 35,3W - 3400 lm - 4000K/CRI 90

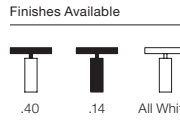


Proiettore per installazione su guida trifase standard con fonte di luce LED. Dotato di lente che permette di regolare l'angolo di apertura da 13° a 56°. Fonte di alimentazione 120-270V integrata.

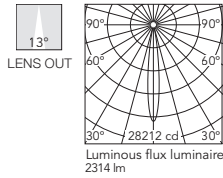
Spotlight to be installed in standard 3-phase track with LED light source. Includes adjustable lens allowing opening angle calibration from 13° to 56°. 120-270V power supply integrated.

Le versioni .40 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi, e solo l'anello antiabbagliamento è nero.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "All white" versions, the track adapter, the arm, the rear of the head and the head are white. Only the anti-glare ring is black.

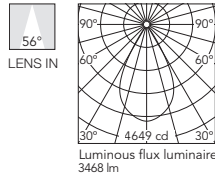


- 3000K - CRI 80**  
On board dimmer
- 09.7373.40
  - 09.7373.14
  - All White
  - 09.7373.40.78



Beam Angle: 13°

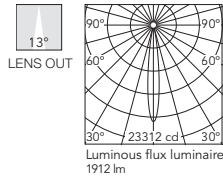
h(m)	E(lx)	D(m)
1	28212	0.23
2	7053	0.46
3	3135	0.70
4	1763	0.93
5	1128	1.16



Beam Angle: 56°

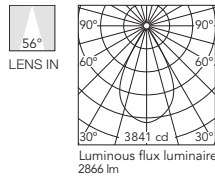
h(m)	E(lx)	D(m)
1	4649	1.07
2	1162	2.14
3	517	3.21
4	291	4.29
5	186	5.36

- 3000K - CRI 90**  
On board dimmer
- 09.7374.40
  - 09.7374.14
  - All White
  - 09.7374.40.78



Beam Angle: 13°

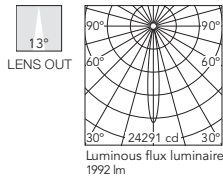
h(m)	E(lx)	D(m)
1	23312	0.23
2	5828	0.46
3	2590	0.70
4	1457	0.93
5	932	1.16



Beam Angle: 56°

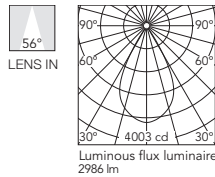
h(m)	E(lx)	D(m)
1	3841	1.07
2	960	2.14
3	427	3.21
4	240	4.29
5	154	5.36

- 4000K - CRI 90**  
On board dimmer
- 09.7375.40
  - 09.7375.14
  - All White
  - 09.7375.40.78



Beam Angle: 13°

h(m)	E(lx)	D(m)
1	24291	0.23
2	6073	0.46
3	2699	0.70
4	1518	0.93
5	972	1.16

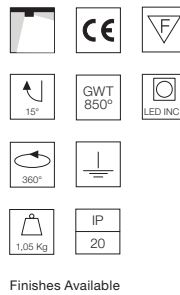
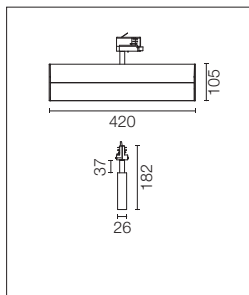


Beam Angle: 56°

h(m)	E(lx)	D(m)
1	4003	1.07
2	1001	2.14
3	445	3.21
4	250	4.29
5	160	5.36

## UT Pro Wall-Washer GA-69 (Dali GA-600)

Light Source: Top LED 25,5W - 2700 lm - 3000K/CRI 90 / 25,5W - 2900 lm - 4000K/CRI 90



Modulo d'illuminazione Wall-Washer installabile su guida trifase standard con fonte di luce LED. Fonte di alimentazione 220-240V integrata. Per la versione DALI sono necessari profili dimmerabili (consultare capitolo "Tracks").

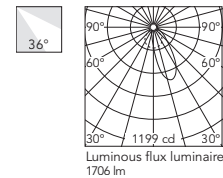
Wall-Washer lighting module to be installed in standard 3-phase track with LED light source. 220-240V power supply integrated. DALI version requires dimmable tracks (please refer to the "Tracks" chapter).

Le versioni .40 hanno l'adattatore a guida, il braccio e la parte posteriore della testa neri. Nelle versioni "all white" l'adattatore a guida, il braccio e la parte posteriore della testa sono bianchi.

.40 versions come with the track adapter, the arm and the rear of the head in black. In the "all white" versions, the track adapter, the arm, the rear of the head and the head are white.



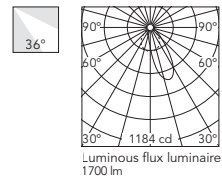
- 3000K - CRI 90**  
Non Dimmable
- 09.7504.40
  - 09.7504.14
  - All White
  - 09.7504.40.78



Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1199	0.78
2	300	1.54
3	133	2.34
4	75	3.12
5	48	3.92

- 4000K - CRI 90**  
Non Dimmable
- 09.7505.40
  - 09.7505.14
  - All White
  - 09.7505.40.78



Beam Angle: 36°

h(m)	E(lx)	D(m)
1	1184	0.76
2	296	1.52
3	132	2.28
4	74	3.04
5	47	3.80

- Dali Version**
- 09.7504.40.DA
  - 09.7504.14.DA
  - All White
  - 09.7504.40.YU

- Dali Version**
- 09.7505.40.DA
  - 09.7505.14.DA
  - All White
  - 09.7505.40.YU

# UT SPOT&PRO

## Accessori / Accessories

Crocetta di schermatura, lenti e honeycomb direttamente installabili sulla testa dell'apparecchio di illuminazione senza necessità di accessori di fissaggio.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory.

### UT Spot Ø57 / UT Pro 150

Filtro a croce.  
antiabbagliamento.  
Screening crosspiece.  08.8429.00

Lente ellittica  
Elliptical lens  08.8431.00

Lente flood  
Flood lens  08.8432.00

For Spot & Medium optics

Honeycomb  
Honeycomb  08.8428.00

Cono di schermatura  
Snoot shielding cone  08.0526.00  
08.0526.40  
08.0526.BW

### UT Pro 175

Filtro a croce.  
antiabbagliamento.  
Screening crosspiece.  08.9108.00

Lente ellittica  
Elliptical lens  08.9109.00

Lente flood  
Flood lens  08.9110.00

Honeycomb  
Honeycomb  08.9107.00

Cono di schermatura  
Snoot shielding cone  08.9111.00  
08.9111.40  
08.9111.BW

## Accessori / Accessories

Crocetta di schermatura, lenti e honeycomb direttamente installabili sulla testa dell'apparecchio di illuminazione.

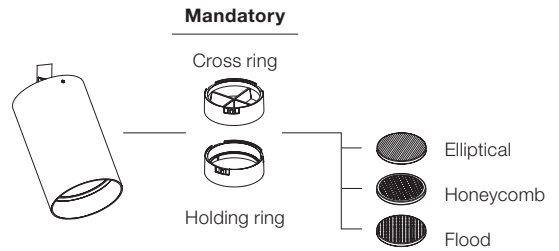
**UT Spot Ø86:** Compatibilità di installazione di honeycomb + lente contemporaneamente.

**UT Spot Ø86 Multichip:** Gli accessori non sono compatibili con questa versione.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire.

**UT Spot Ø86:** Installation compatible with Honeycomb + Lense at the same time.

**UT Spot Ø86 Multichip:** The accessories are not compatible with this version.



### UT Spot Ø86

Anello di supporto  
Holding ring  08.8410.00

### UT Spot Ø86 Phosphor LED / UT Spot Ø86 LED Array

Filtro a croce  
antiabbagliamento.  
Screening crosspiece.  08.8411.00

### UT Spot Ø86 LED Array

Obbligatorio anello di supporto o filtro a croce antiabbagliamento.  
Mandatory holding ring or screening crosspiece.

Lente ellittica  
Elliptical lens  08.8163.68

Lente flood  
Flood lens  08.8175.68

For Spot & Medium optics

Honeycomb  
Honeycomb  08.8495.14



**LIGHT SOURCE**  
LED ARRAY  
9,2W  
945 lm  
3000K/CRI 80



**LIGHT SOURCE**  
LED  
QT-14  
G9

□ 30 Bianco  
30 White

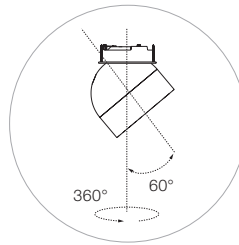
■ 05 Alluminio Lucido  
05 Polished Aluminium

■ 14 Nero  
14 Black

■ GN Verde  
GN Green



Può essere ruotato di 360° e orientato di 60°.  
Can be rotated 360° and swivelled 60°.



#### Descrizione

Apparecchio di illuminazione a parete o soffitto per illuminazione diretta. Corpo in alluminio con finiture cromata, bianco lucido, verde lucido e nero lucido. Schermo antiabbagliamento. L'apparecchio è dotato di due differenti anelli con finitura verde lucido e nero lucido, che hanno la funzione di riparare il vetro temperato di sicurezza.

#### Riflettori

Riflettore in alluminio sabbiato e sbiancato chimicamente.

#### Unità di Alimentazione

Precablaggio incluso pronto per essere alimentato per mezzo di apparecchiature remote. Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

#### Informazioni Aggiuntive

Rotazione sull'asse verticale fino a 360° e orientamento fino a 60°. Grado di protezione IP20. Classe di isolamento II, III, a seconda delle versioni. Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

#### Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

#### Description

Wall or ceiling lamp providing direct light. Aluminum body, available in chrome, shiny white, enameled green, and shiny black finishes. Low glare shield. Provided by two different ring due to fix the safety tempered glass, in shiny black and enameled green.

#### Reflectors

Sanded and chemically bleached aluminum reflector.

#### Power Supply

Pre-wiring included; ready for remote power supply. Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

#### Additional Information

0° - 360° vertical rotation and 0° - 60° adjustment. IP20 protection grade. Insulation class II, III depending on the versions. Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

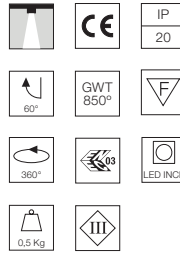
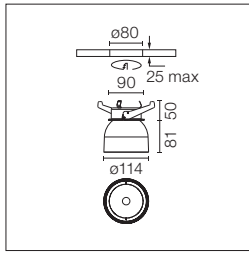
#### Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# WAN SPOT

## Wan Spot

**Light Source:** LED Array DC 500 mA - 9,2W - 945 lm - 3000K/CRI 80



Apparecchio di illuminazione da installare ad incasso a soffitto/parete. Fonte di alimentazione esclusa.

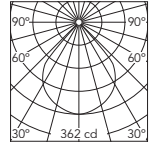
Spotlight to be installed recessed on ceiling/wall. Power supply not included.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9768
Dimmable 0/1-10V	RF27961
Dimmable Dali 2	60.9826
Mains Dimming	60.9411
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

- 03.6174.30A
- 03.6174.05A
- 03.6174.14A
- 03.6174.GNA



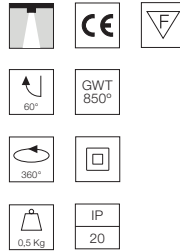
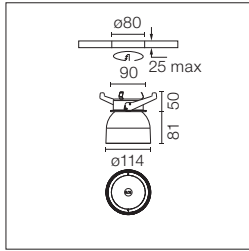
Beam Angle: 82°

h(m)	E(x)	D(m)
1	362	1.75
2	91	3.50
3	40	5.25
4	23	7.00
5	14	8.75

Luminous flux luminaire 505 lm

## Wan Spot

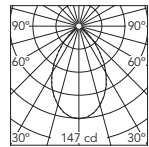
**Light Source:** LED QT-14 G9



Apparecchio di illuminazione da installare ad incasso a soffitto/parete con alimentazione a tensione di rete.

Spotlight to be installed recessed on ceiling/wall with main voltage source.

- 03.6170.30
- 03.6170.05
- 03.6170.14
- 03.6170.GN

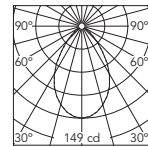


Beam Angle: 68°

h(m)	E(x)	D(m)
1	147	1.35
2	37	2.70
3	16	4.05
4	9	5.40
5	6	6.75

Luminous flux luminaire 460 lm

@Black Ring



Beam Angle: 69°

h(m)	E(x)	D(m)
1	149	1.38
2	37	2.75
3	17	4.13
4	9	5.50
5	6	6.88

Luminous flux luminaire 460 lm

@Green Ring





# CEILING / WALL

C1, UT Pro Surface, Kap Surface &  
Suspension, Super Line & Pro, Super Flat,  
Light Bell, Fort Knox Wall & Mini,  
Thin LED, G-O, The Block of Light.

# C 1

DESIGNED BY VINCENT VAN DUYSSEN

MONO SPOT  
CEILING SMALL



**LIGHT SOURCE**  
POWER LED  
6W  
510 lm  
2700K/CRI 90  
560 lm  
3000K/CRI 90

MONO SPOT  
WALL SMALL



**LIGHT SOURCE**  
POWER LED  
6W  
510 lm  
2700K/CRI 90  
560 lm  
3000K/CRI 90

DOUBLE SPOT  
WALL SMALL



**LIGHT SOURCE**  
POWER LED  
12W  
1020 lm  
2700K/CRI 90  
1120 lm  
3000K/CRI 90

MONO SPOT  
CEILING LARGE



**LIGHT SOURCE**  
POWER LED  
Up to 14W  
1225 lm  
2700K/CRI 90  
1300 lm  
3000K/CRI 90

MONO SPOT  
WALL LARGE



**LIGHT SOURCE**  
POWER LED  
Up to 14W  
1225 lm  
2700K/CRI 90  
1300 lm  
3000K/CRI 90

DOUBLE SPOT  
WALL LARGE



**LIGHT SOURCE**  
POWER LED  
Up to 28W  
2450 lm  
2700K/CRI 90  
2600 lm  
3000K/CRI 90

□ DY Bianco  
DY White

■ DR Antracite  
DR Anthracite

■ EQ Rame Spazzolato  
EQ Brushed Copper

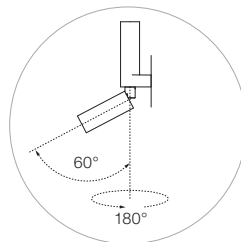
■ ER Acciaio Spazzolato  
ER Brushed Steel

■ ES Bronzo Spazzolato  
ES Brushed Bronze

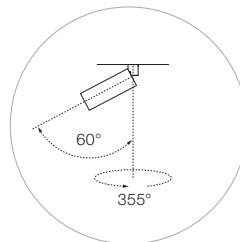


Può essere ruotato di 180° e orientato di 60°.  
Can be rotated 180° and swivelled 60°.

Può essere ruotato di 355° e orientato di 60°.  
Can be rotated 355° and swivelled 60°.



Wall



Ceiling

**Descrizione**

Un nuovo programma di apparecchi per installazione a parete e soffitto sviluppato ad-hoc per applicazioni residenziali e alberghiere.

Il design estremamente essenziale del prodotto nasconde uno speciale snodo meccanico integrato che consente di estrarre ed orientare il corpo lampada fino a 60° sull'asse verticale e sull'asse orizzontale (355° per la versione a incasso e 140° per la versione a parete) garantendo un'incredibile versatilità ideale per soddisfare le esigenze di qualsiasi progetto.

Le versioni sviluppate per installazione a parete sono disponibili con emissione singola o doppia.

**Gruppo Ottico**

Gruppo ottico ad elevato comfort visivo integrato nel corpo del prodotto e disponibile con aperture di fascio differenziate.

L'apparecchio è predisposto per produrre un'emissione di luce diffusa o una distribuzione più concentrata ideale per illuminazione d'accento o luce puntuale per la lettura in applicazioni da testa-letto.

Le versioni biemissione includono come accessorio uno schermo diffondente che può essere integrato all'interno del gruppo ottico per creare un effetto di luce soffusa.

**Alimentazione**

Tutti gli apparecchi vanno alimentati con driver remoto non incluso disponibile con varie alternative di controllo.

**Sistema di Regolazione**

Gli apparecchi possono essere controllati via 0/1-10V, DALI, Push Dimming e Casambi. Sistema di controllo in modalità broadcast. Negli apparecchi a doppia emissione è possibile controllare in maniera indipendente l'emissione diretta e quella indiretta.

**Installazione**

Il prodotto è predisposto per l'installazione su superfici di varia natura.

Tutti i prodotti vanno completati con un kit di montaggio dedicato per ottenere un'installazione No-trim o con Basetta. L'installazione No trim è compatibile esclusivamente con superfici in cartongesso con spessore minimo di 9mm e massimo 25mm.

L'installazione con Basetta consente di effettuare la connessione elettrica all'interno del supporto di superficie.

**Informazione Aggiuntiva**

Sistema elettrico controllato in corrente costante. Grado di protezione IP20.

Adatto per installazione su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

**Conformità e Marchi di Qualità**

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

**Description**

New program of wall and ceiling-mounted luminaires developed for residential and hospitality use.

The extremely minimalist design of the product hides a special, integrated mechanical connection that allows the luminaire body to be extracted and oriented up to 60° on the vertical axis and on the horizontal axis (355° in the ceiling version and 140° in the wall version), ensuring an impressive versatility, ideal to meet the needs of any project.

Versions developed for wall mounting are available with single or dual emission.

**Optical Group**

Optical group with high visual comfort in the body of the product, available with differentiated beamwidths.

This luminaire is designed to provide diffuse light emission or a more concentrated light distribution, ideal when accent or spot lighting is needed for reading in bed headboard applications.

Dual-emission models include a diffusing screen as accessory that can be integrated into the optical unit, producing a soft light effect.

**Power Supply**

All devices must be powered by a remote controller (not included) available with various control options.

**Control System**

Units can be controlled by 0/1-10V, DALI, Push Dimming and Casambi. Broadcast control system. In devices with dual emission, direct and indirect emissions can be controlled independently.

**Installation**

The product is ready to be installed on different surface types.

All products are completed with a dedicated No Trim or plate installation mounting kit. The No Trim installation is only compatible with plasterboard surfaces with a minimum thickness of 9mm and a maximum of 25mm. Plate installation allows the electrical connection to be made inside the surface mount.

**Additional Information**

Constant voltage controlled electrical system.

IP20 Protection Index.

Suitable for installation on normally flammable surfaces.

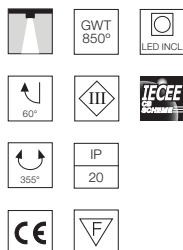
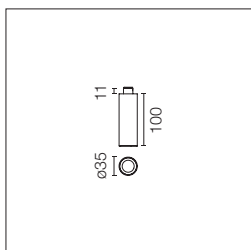
Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

**Standard Compliance and Quality Marks**

EN60598-1 European Technical Standards and any subsequent additions.

### Mono Spot Ceiling Small Ø35

Light Source: Power LED DC 500 mA - 6W - 510 lm - 2700K/CRI 90 / 6W - 560 lm - 3000K/CRI 90



Apparecchio orientabile a LED per interni adatto per installazione a soffitto. Il corpo del prodotto può essere estratto dalla superficie di installazione e orientato di 60° sull'asse verticale e 355° sull'asse orizzontale. Gruppo ottico Full cut-off integrato. Alimentazione remota (non inclusa) da posizionare in un luogo accessibile. La cornice di installazione dev'essere richiesta separatamente.

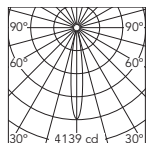
Adjustable luminaire with LED for indoor use, suitable for ceiling installation. The body can be extracted from the installation surface for 60° orientation on the vertical axis and 355° on the horizontal axis. Integrated Full cut-off optical group. The remote power supply (not included) must be placed in an accessible location. The installation frame must be ordered separately.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9208
Dimmable Dali 2 / Push	RF30699
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

- 2700K**
- 03.1220.DY
  - 03.1220.DR
  - 03.1220.EQ
  - 03.1220.ER
  - 03.1220.ES

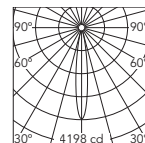


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4139	0.26
2	1035	0.51
3	460	0.77
4	259	1.03
5	166	1.28

Luminous flux luminaire 376 lm

- 3000K**
- 03.1225.DY
  - 03.1225.DR
  - 03.1225.EQ
  - 03.1225.ER
  - 03.1225.ES

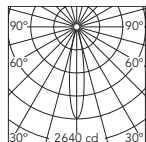


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4198	0.26
2	1050	0.51
3	466	0.77
4	262	1.03
5	168	1.28

Luminous flux luminaire 382 lm

- 2700K**
- 03.1221.DY
  - 03.1221.DR
  - 03.1221.EQ
  - 03.1221.ER
  - 03.1221.ES

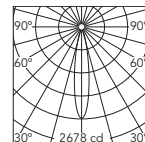


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2640	0.32
2	660	0.65
3	293	0.97
4	165	1.30
5	106	1.62

Luminous flux luminaire 368 lm

- 3000K**
- 03.1226.DY
  - 03.1226.DR
  - 03.1226.EQ
  - 03.1226.ER
  - 03.1226.ES



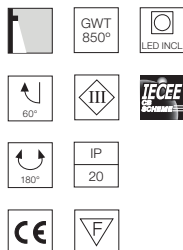
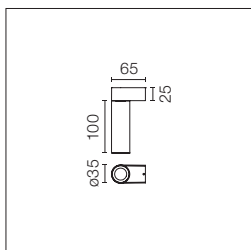
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2678	0.32
2	669	0.65
3	298	0.97
4	167	1.30
5	107	1.62

Luminous flux luminaire 374 lm

### Mono Spot Wall Small Ø35

Light Source: Power LED DC 500 mA - 6W - 510 lm - 2700K/CRI 90 / 6W - 560 lm - 3000K/CRI 90



Apparecchio orientabile a LED per interni adatto per installazione a parete. Il corpo del prodotto può essere estratto dalla superficie di installazione e orientato di 60° sull'asse verticale e 180° sull'asse orizzontale. Gruppo ottico Full cut-off integrato. Alimentazione remota (non inclusa) da posizionare in un luogo accessibile. La cornice di installazione dev'essere richiesta separatamente.

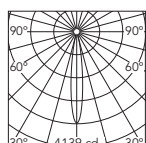
Adjustable luminaire with LED for indoor use, suitable for wall installation. The body can be extracted from the installation surface for 60° orientation on the vertical axis and 180° on the horizontal axis. Integrated Full cut-off optical group. The remote power supply (not included) must be placed in an accessible location. The installation frame must be ordered separately.

Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9208
Dimmable Dali 2 / Push	RF30699
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

- 2700K**
- 03.1200.DY
  - 03.1200.DR
  - 03.1200.EQ
  - 03.1200.ER
  - 03.1200.ES

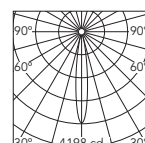


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4139	0.26
2	1035	0.51
3	460	0.77
4	259	1.03
5	166	1.28

Luminous flux luminaire 376 lm

- 3000K**
- 03.1205.DY
  - 03.1205.DR
  - 03.1205.EQ
  - 03.1205.ER
  - 03.1205.ES

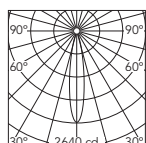


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4198	0.26
2	1050	0.51
3	466	0.77
4	262	1.03
5	168	1.28

Luminous flux luminaire 382 lm

- 2700K**
- 03.1201.DY
  - 03.1201.DR
  - 03.1201.EQ
  - 03.1201.ER
  - 03.1201.ES

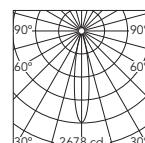


Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2640	0.32
2	660	0.65
3	293	0.97
4	165	1.30
5	106	1.62

Luminous flux luminaire 368 lm

- 3000K**
- 03.1206.DY
  - 03.1206.DR
  - 03.1206.EQ
  - 03.1206.ER
  - 03.1206.ES



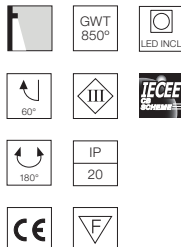
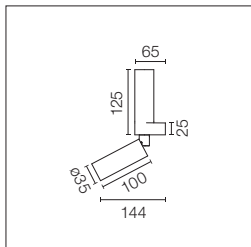
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2678	0.32
2	669	0.65
3	298	0.97
4	167	1.30
5	107	1.62

Luminous flux luminaire 374 lm

**Double Spot Wall Small Ø35**

**Light Source:** Power LED DC 500 mA - 12W - 1020 lm - 2700K/CRI 90 / 12W - 1120 lm - 3000K/CRI 90



Apparecchio orientabile a LED per interni adatto per installazione a parete. Il corpo inferiore del prodotto può essere estratto dalla superficie di installazione e orientato di 60° sull'asse verticale e 180° sull'asse orizzontale.  
 Gruppo ottico Full cut-off integrato. Accessori integrati (lente diffondente up). Alimentazione remota (non inclusa) da posizionare in un luogo accessibile. La cornice di installazione dev'essere richiesta separatamente.

Adjustable luminaire with LED for indoor use, suitable for wall installation. The lower part of the body can be extracted from the installation surface for 60° orientation on the vertical axis and 180° on the horizontal axis.  
 Integrated Full cut-off optical group. Accessories integrated (up diffuser). The remote power supply (not included) must be placed in an accessible location. The installation frame must be ordered separately.

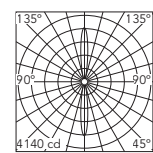
Alimentazioni raccomandate / Recommended power supply\*:

Non Dimmable	60.9592
Dimmable 1-10V	60.9208
Dimmable Dali 2 / Push	RF30699
Casambi	60.9207

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**2700K**

- 03.1210.DY
- 03.1210.DR
- 03.1210.EQ
- 03.1210.ER
- 03.1210.ES



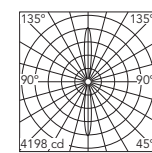
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4140	0.26
2	1035	0.51
3	460	0.77
4	259	1.03
5	166	1.28

\*\* Luminous flux luminaire 753 lm

**3000K**

- 03.1215.DY
- 03.1215.DR
- 03.1215.EQ
- 03.1215.ER
- 03.1215.ES



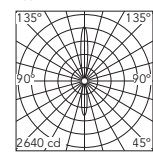
Beam Angle: 15°

h(m)	E(lx)	D(m)
1	4198	0.26
2	1049	0.51
3	466	0.77
4	263	1.03
5	168	1.28

\*\* Luminous flux luminaire 763 lm

**2700K**

- 03.1211.DY
- 03.1211.DR
- 03.1211.EQ
- 03.1211.ER
- 03.1211.ES



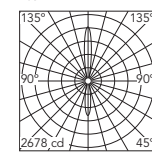
Beam Angle: 18°

h(m)	E(lx)	D(m)
1	2640	0.32
2	660	0.65
3	293	0.97
4	165	1.30
5	106	1.62

\*\* Luminous flux luminaire 745 lm

**3000K**

- 03.1216.DY
- 03.1216.DR
- 03.1216.EQ
- 03.1216.ER
- 03.1216.ES



Beam Angle: 18°

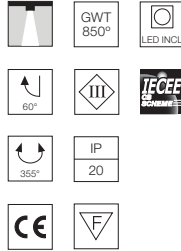
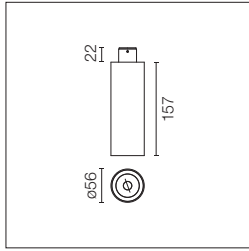
h(m)	E(lx)	D(m)
1	2678	0.32
2	669	0.65
3	298	0.97
4	168	1.30
5	107	1.62

\*\* Luminous flux luminaire 755 lm

\*\* Dati fotometrici senza lente diffondente up / Photometric data without up diffuser.

**Mono Spot Ceiling Large Ø56**

**Light Source:** Power LED DC 950 mA - 11W - 970 lm - 2700K/CRI 90 / 11W - 1050 lm - 3000K/CRI 90  
 Power LED DC 1200 mA - 14W - 1225 lm - 2700K/CRI 90 / 14W - 1300 lm - 3000K/CRI 90



Apparecchio orientabile a LED per interni adatto per installazione a soffitto. Il corpo del prodotto può essere estratto dalla superficie di installazione e orientato di 60° sull'asse verticale e 355° sull'asse orizzontale.  
 Gruppo ottico Full cut-off integrato. Alimentazione remota (non inclusa) da posizionare in un luogo accessibile.  
 La cornice di installazione dev'essere richiesta separatamente.

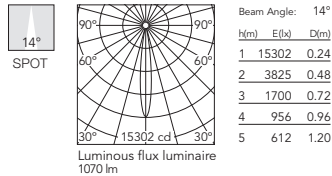
Adjustable luminaire with LED for indoor use, suitable for ceiling installation. The body can be extracted from the installation surface for 60° orientation on the vertical axis and 355° on the horizontal axis.  
 Integrated Full cut-off optical group. The remote power supply (not included) must be placed in an accessible location.  
 The installation frame must be ordered separately.

Alimentazioni raccomandate / Recommended power supply\*:

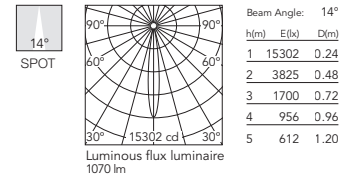
	950 mA	1200 mA
Non Dimmable	RF27370	60.9276
Dimmable Dali 2 / Push	RF30699	60.9276
Dimmable 0/1-10V	60.9439	60.9276
Casambi	60.9207	60.9276+60.9392

\* Vedi capitolo Drivers / Refer to the Drivers chapter

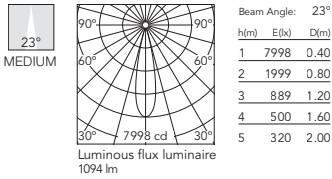
- 2700K**
- 03.1250.DYB
  - 03.1250.DRB
  - 03.1250.EQB
  - 03.1250.ERB
  - 03.1250.ESB



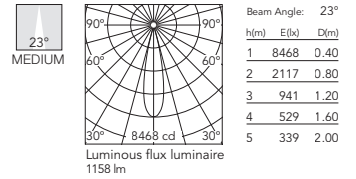
- 3000K**
- 03.1255.DYB
  - 03.1255.DRB
  - 03.1255.EQB
  - 03.1255.ERB
  - 03.1255.ESB



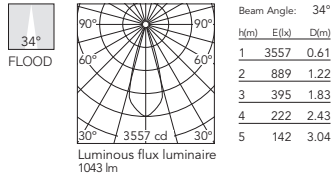
- 2700K**
- 03.1251.DYB
  - 03.1251.DRB
  - 03.1251.EQB
  - 03.1251.ERB
  - 03.1251.ESB



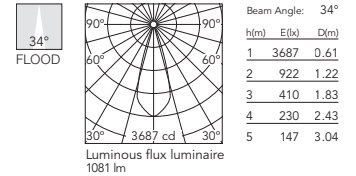
- 3000K**
- 03.1256.DYB
  - 03.1256.DRB
  - 03.1256.EQB
  - 03.1256.ERB
  - 03.1256.ESB



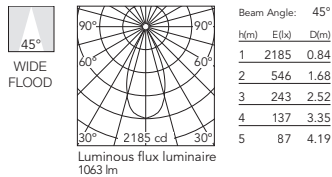
- 2700K**
- 03.1252.DYB
  - 03.1252.DRB
  - 03.1252.EQB
  - 03.1252.ERB
  - 03.1252.ESB



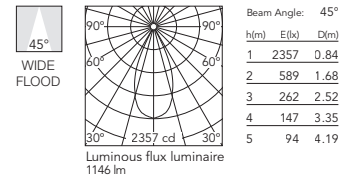
- 3000K**
- 03.1257.DYB
  - 03.1257.DRB
  - 03.1257.EQB
  - 03.1257.ERB
  - 03.1257.ESB



- 2700K**
- 03.1253.DYB
  - 03.1253.DRB
  - 03.1253.EQB
  - 03.1253.ERB
  - 03.1253.ESB

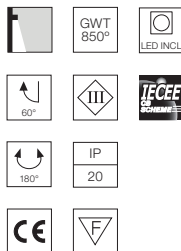
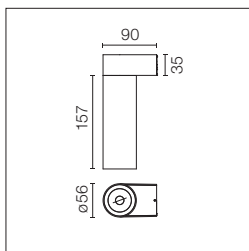


- 3000K**
- 03.1258.DYB
  - 03.1258.DRB
  - 03.1258.EQB
  - 03.1258.ERB
  - 03.1258.ESB



**Mono Spot Wall Large Ø56**

**Light Source:** Power LED DC 950 mA - 11W - 970 lm - 2700K/CRI 90 / 11W - 1050 lm - 3000K/CRI 90  
 Power LED DC 1200 mA - 14W - 1225 lm - 2700K/CRI 90 / 14W - 1300 lm - 3000K/CRI 90



Apparecchio orientabile a LED per interni adatto per installazione a parete. Il corpo del prodotto può essere estratto dalla superficie di installazione e orientato di 60° sull'asse verticale e 180° sull'asse orizzontale.  
 Gruppo ottico Full cut-off integrato. Alimentazione remota (non inclusa) da posizionare in un luogo accessibile.  
 La cornice di installazione dev'essere richiesta separatamente.

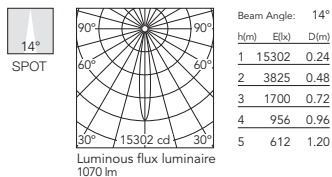
Adjustable luminaire with LED for indoor use, suitable for wall installation. The body can be extracted from the installation surface for 60° orientation on the vertical axis and 180° on the horizontal axis.  
 Integrated Full cut-off optical group. The remote power supply (not included) must be placed in an accessible location. The installation frame must be ordered separately..

Alimentazioni raccomandate / Recommended power supply\*:

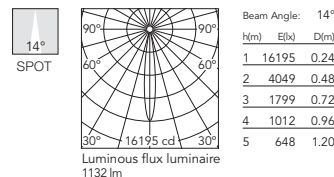
	950 mA	1200 mA
Non Dimmable	RF27370	60.9276
Dimmable Dali 2 / Push	RF30699	60.9276
Dimmable 0/1-10V	60.9439	60.9276
Casambi	60.9207	60.9276+60.9392

\* Vedi capitolo Drivers / Refer to the Drivers chapter

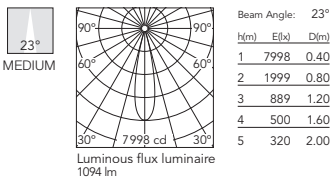
- 2700K**  
 03.1230.DYB  
 03.1230.DRB  
 03.1230.EQB  
 03.1230.ERB  
 03.1230.ESB



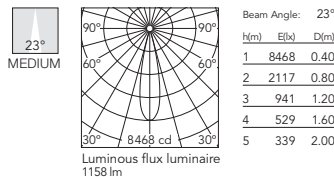
- 3000K**  
 03.1235.DYB  
 03.1235.DRB  
 03.1235.EQB  
 03.1235.ERB  
 03.1235.ESB



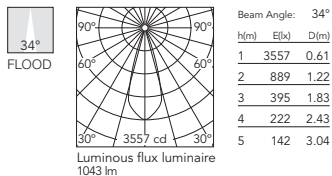
- 2700K**  
 03.1231.DYB  
 03.1231.DRB  
 03.1231.EQB  
 03.1231.ERB  
 03.1231.ESB



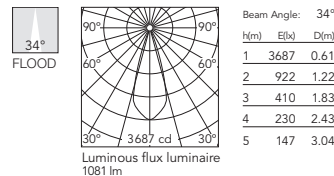
- 3000K**  
 03.1236.DYB  
 03.1236.DRB  
 03.1236.EQB  
 03.1236.ERB  
 03.1236.ESB



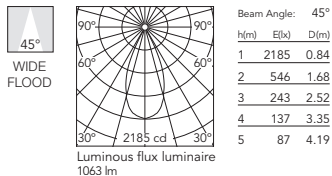
- 2700K**  
 03.1232.DYB  
 03.1232.DRB  
 03.1232.EQB  
 03.1232.ERB  
 03.1232.ESB



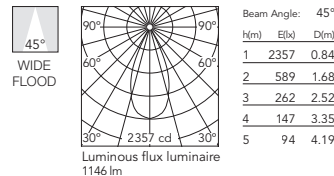
- 3000K**  
 03.1237.DYB  
 03.1237.DRB  
 03.1237.EQB  
 03.1237.ERB  
 03.1237.ESB



- 2700K**  
 03.1233.DYB  
 03.1233.DRB  
 03.1233.EQB  
 03.1233.ERB  
 03.1233.ESB

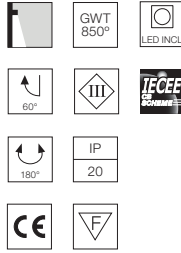
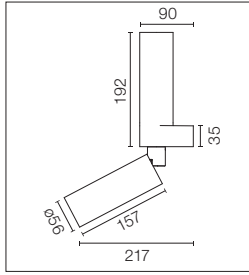


- 3000K**  
 03.1238.DYB  
 03.1238.DRB  
 03.1238.EQB  
 03.1238.ERB  
 03.1238.ESB



**Double Spot Wall Large Ø56**

**Light Source:** Power LED DC 950 mA - 22W - 1940 lm - 2700K/CRI 90 / 22W - 2100 lm - 3000K/CRI 90  
 Power LED DC 1200 mA - 28W - 2450 lm - 2700K/CRI 90 / 28W - 2600 lm - 3000K/CRI 90



Apparecchio orientabile a LED per interni adatto per installazione a parete. Il corpo inferiore del prodotto può essere estratto dalla superficie di installazione e orientato di 60° sull'asse verticale e 180° sull'asse orizzontale.  
 Gruppo ottico Full cut-off integrato. Accessori integrati (lente diffondente up). Alimentazione remota (non inclusa) da posizionare in un luogo accessibile. La cornice di installazione dev'essere richiesta separatamente.

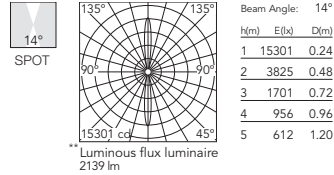
Adjustable luminaire with LED for indoor use, suitable for wall installation. The lower part of the body can be extracted from the installation surface for 60° orientation on the vertical axis and 180° on the horizontal axis.  
 Integrated Full cut-off optical group. Accessories integrated (up diffuser). The remote power supply (not included) must be placed in an accessible location. The installation frame must be ordered separately.

Alimentazioni raccomandate / Recommended power supply\*:

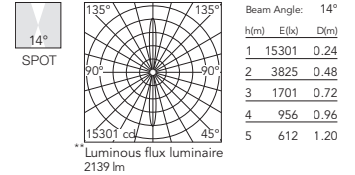
	950 mA	1200 mA
Non Dimmable	RF27370	60.9276
Dimmable Dali 2 / Push	RF30699	60.9276
Dimmable 0/1-10V	60.9439	60.9276
Casambi	60.9207	60.9276+60.9392

\* Vedi capitolo Drivers / Refer to the Drivers chapter

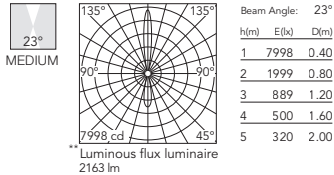
- 2700K**  
 03.1240.DYB  
 03.1240.DRB  
 03.1240.EQB  
 03.1240.ERB  
 03.1240.ESB



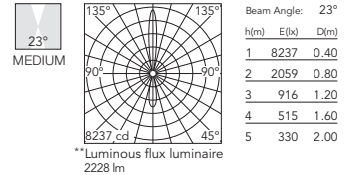
- 3000K**  
 03.1245.DYB  
 03.1245.DRB  
 03.1245.EQB  
 03.1245.ERB  
 03.1245.ESB



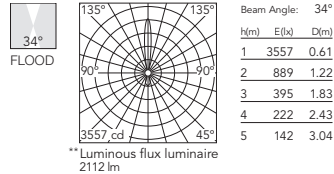
- 2700K**  
 03.1241.DYB  
 03.1241.DRB  
 03.1241.EQB  
 03.1241.ERB  
 03.1241.ESB



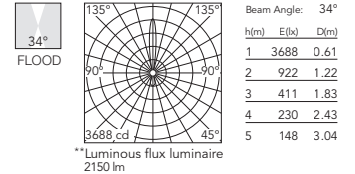
- 3000K**  
 03.1246.DYB  
 03.1246.DRB  
 03.1246.EQB  
 03.1246.ERB  
 03.1246.ESB



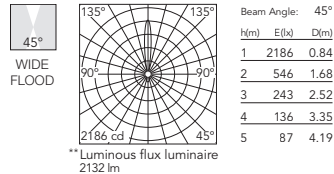
- 2700K**  
 03.1242.DYB  
 03.1242.DRB  
 03.1242.EQB  
 03.1242.ERB  
 03.1242.ESB



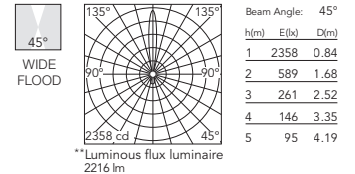
- 3000K**  
 03.1247.DYB  
 03.1247.DRB  
 03.1247.EQB  
 03.1247.ERB  
 03.1247.ESB



- 2700K**  
 03.1243.DYB  
 03.1243.DRB  
 03.1243.EQB  
 03.1243.ERB  
 03.1243.ESB



- 3000K**  
 03.1248.DYB  
 03.1248.DRB  
 03.1248.EQB  
 03.1248.ERB  
 03.1248.ESB



\*\* Dati fotometrici senza lente diffondente up / Photometric data without up diffuser.

**HOW TO ORDER C 1**

	SURFACE					RECESSED			
	SMALL			LARGE		SMALL		LARGE	
	Ceiling	Wall	Wall flush	Ceiling	Wall flush	Ceiling	Wall	Ceiling	Wall
Mono Spot									
Mono Spot									
Double Spot									



# C 1

## Accessori / Accessories

Cornice di installazione No Trim per installazione a parete.	No Trim installation frame for wall mounting.		 ø96 82 41,5	C1 Wall Small Mono 08.0206.00 C1 Wall Small Double 08.0227.00
Cornice di installazione No Trim per installazione a parete.	No Trim installation frame for wall mounting.		 ø96 82 41,5	C1 Wall Large Mono 08.0205.00A C1 Wall Large Double 08.0226.00A
Cornice di installazione No Trim per installazione a soffitto.	No Trim installation frame for ceiling mounting.		 ø96 82 41,5	C1 Ceiling Small 08.0208.00
Cornice di installazione No Trim per installazione a soffitto.	No Trim installation frame for ceiling mounting.		 ø96 82 41,5	C1 Ceiling Large 08.0207.00A
Supporto in alluminio verniciato per installazione superficiale a parete.	Coated aluminum mount for surface installation (wall).		 25 35 61	C1 Wall Small Mono 08.0209.DY 08.0209.DR 08.0209.EQ 08.0209.ER 08.0209.ES C1 Wall Small Double 08.0228.DY 08.0228.DR 08.0228.EQ 08.0228.ER 08.0228.ES
Supporto in alluminio per l'installazione a filo della superficie (a parete). Adatto a superfici resistenti come il mattone, il legno o il cemento. Non adatto a pareti in cartongesso. Include cavo connettore femmina da 500 mm.	Aluminum mount for surface flush installation (wall). Fit for resistant surfaces such as brick, wood or concrete. Not valid for plasterboard walls. Includes female connector cable 500 mm.	 7 29 19 8 45 30	C1 Wall Small Mono 08.0231.00 C1 Wall Small Double 08.0255.00	C1 Wall Large Mono 08.0210.00A C1 Wall Large Double 08.0254.00A
Supporto in alluminio verniciato per installazione superficiale a soffitto.	Coated aluminum mount for surface installation (ceiling).		 ø36 18	C1 Ceiling Small 08.0211.DY 08.0211.DR 08.0211.EQ 08.0211.ER 08.0211.ES
Supporto in alluminio verniciato per installazione superficiale a soffitto.	Coated aluminum mount for surface installation (ceiling).		 ø56,5 18	C1 Ceiling Large 08.0212.DYA 08.0212.DRA 08.0212.EQA 08.0212.ERA 08.0212.ESA

# UT PRO SURFACE

DESIGNED BY FLOS ARCHITECTURAL

## UT PRO SURFACE 150



**LIGHT SOURCE**  
LED ARRAY  
21W  
2524 lm  
3000K/CRI 80  
2183 lm  
3000K/CRI 90  
2360 lm  
4000K/CRI 90

## UT PRO SURFACE 175



**LIGHT SOURCE**  
LED ARRAY  
46,5W  
4740 lm  
3000K/CRI 80  
3960 lm  
3000K/CRI 90  
4278 lm  
4000K/CRI 90

□ 40 Bianco  
40 White



■ 14 Nero  
14 Black



### Descrizione

Apparecchio di illuminazione da interni per montaggio a superficie, disponibile con sorgenti luminose con tecnologia LED ad alta potenza e regolatore incluso. Il corpo ottico dell'apparecchio e il contenitore degli alimentatori sono in alluminio iniettato ad alta pressione, rifiniti con verniciatura a polvere color bianco o nero. Gli apparecchi vengono accompagnati da una fonte di alimentazione incorporata nell'apparecchio.

### Sistema Ottico

Sono disponibili con ottiche spot, medium e flood e con riflettori di vetro borosilicato ad alta efficienza incorporato.

### Accessori

Disponibile crocetta di schermatura, lente ellittica, lente Flood e Honeycomb.

### Informazioni Aggiuntive

Possibilità di rotazione a 360° su asse verticale e a 90° su asse orizzontale. Meccanismo di blocco dell'asse orizzontale incorporato.  
Grado di protezione IP20.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

### Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

### Description

Indoor luminaire for surface installation, available in high power, LED technology light sources and regulator included.

The optical housing of the luminaire, as well as the container of the power supply equipment, is manufactured in high-pressure injected aluminium, with white or black finishes.

The luminaires include a power supply unit in the luminaire's own body.

### Optic System

Available with spot, medium and flood optics and a built-in high-efficiency borosilicate glass reflector.

### Accessories

Shielding cylinder, elliptical lens, flood and honeycomb lens.

### Additional Information

Possibility of 360° rotation in the vertical axis and 90° rotation in the horizontal axis. Blocking mechanism for horizontal axis integrated.  
IP20 protection grade.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

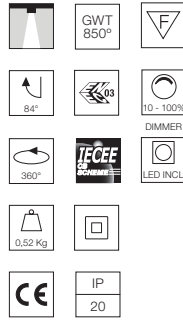
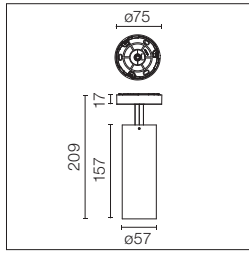
### Compliance of Standards and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# UT PRO SURFACE

## UT Pro Surface 150

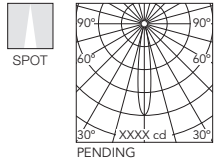
**Light Source:** LED Array 21W - 2524 lm - 3000K/CRI 80 / 21W - 2183 lm - 3000K/CRI 90 / 21W - 2360 lm - 4000K/CRI 90



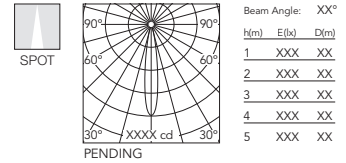
Proiettore da installare a superficie con sorgente luminosa LED. Fonte di alimentazione 120-277V e potenziometro inclusi.

LED light source projector for surface installation. 120-277V power supply unit and potentiometer included.

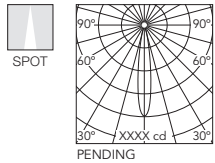
**3000K - CRI 80**  
On board dimmer  
09.7290.40B  
09.7290.14B



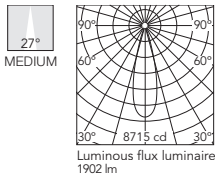
**3000K - CRI 90**  
On board dimmer  
09.7296.40B  
09.7296.14B



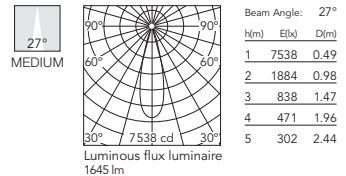
**4000K - CRI 90**  
On board dimmer  
09.7291.40B  
09.7291.14B



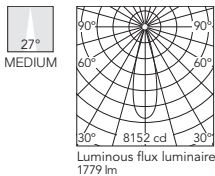
**3000K - CRI 80**  
On board dimmer  
09.7292.40B  
09.7292.14B



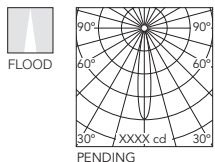
**3000K - CRI 90**  
On board dimmer  
09.7297.40B  
09.7297.14B



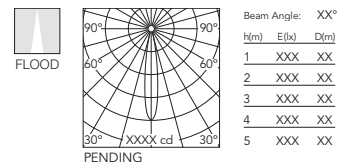
**4000K - CRI 90**  
On board dimmer  
09.7293.40B  
09.7293.14B



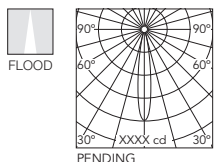
**3000K - CRI 80**  
On board dimmer  
09.7294.40B  
09.7294.14B



**3000K - CRI 90**  
On board dimmer  
09.7298.40B  
09.7298.14B



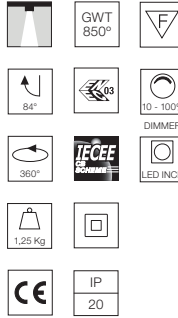
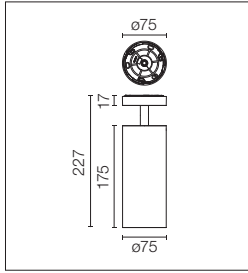
**4000K - CRI 90**  
On board dimmer  
09.7295.40B  
09.7295.14B



# UT PRO SURFACE

## UT Pro Surface 175

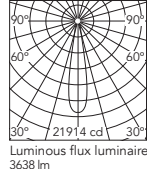
Light Source: LED Array 46,5W - 4740 lm - 3000K/CRI 80 / 3960 lm - 3000K/CRI 90 / 4278 lm - 4000K/CRI 90



Proiettore da installare a superficie con sorgente luminosa LED. Fonte di alimentazione 120-277V e potenziometro inclusi.

LED light source projector for surface installation. 120-277V power supply unit and potentiometer included.

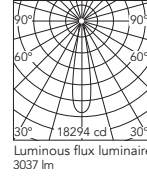
**3000K - CRI 80**  
On board dimmer  
09.7320.40A  
09.7320.14A



Beam Angle: 20°

h(m)	El(lx)	D(m)
1	21906	0.35
2	5477	0.70
3	2434	1.04
4	1369	1.39
5	876	1.74

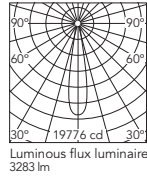
**3000K - CRI 90**  
On board dimmer  
09.7321.40A  
09.7321.14A



Beam Angle: 20°

h(m)	El(lx)	D(m)
1	18287	0.35
2	4572	0.70
3	2032	1.04
4	1143	1.39
5	731	1.74

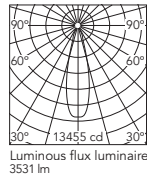
**4000K - CRI 90**  
On board dimmer  
09.7322.40A  
09.7322.14A



Beam Angle: 20°

h(m)	El(lx)	D(m)
1	19769	0.35
2	4942	0.70
3	2197	1.04
4	1236	1.39
5	791	1.74

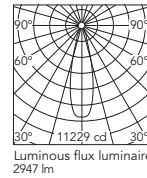
**3000K - CRI 80**  
On board dimmer  
09.7323.40A  
09.7323.14A



Beam Angle: 27°

h(m)	El(lx)	D(m)
1	13450	0.48
2	3362	0.96
3	1494	1.44
4	841	1.93
5	538	2.41

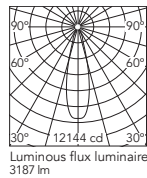
**3000K - CRI 90**  
On board dimmer  
09.7324.40A  
09.7324.14A



Beam Angle: 27°

h(m)	El(lx)	D(m)
1	11225	0.48
2	2806	0.96
3	1247	1.44
4	702	1.93
5	449	2.41

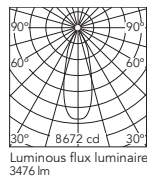
**4000K - CRI 90**  
On board dimmer  
09.7325.40A  
09.7325.14A



Beam Angle: 27°

h(m)	El(lx)	D(m)
1	12140	0.48
2	3035	0.96
3	1349	1.44
4	759	1.93
5	486	2.41

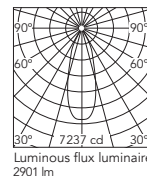
**3000K - CRI 80**  
On board dimmer  
09.7326.40A  
09.7326.14A



Beam Angle: 34°

h(m)	El(lx)	D(m)
1	8672	0.61
2	2168	1.22
3	964	1.83
4	542	2.44
5	347	3.04

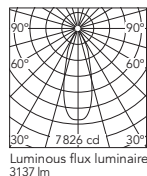
**3000K - CRI 90**  
On board dimmer  
09.7327.40A  
09.7327.14A



Beam Angle: 34°

h(m)	El(lx)	D(m)
1	7237	0.61
2	1809	1.22
3	804	1.83
4	452	2.44
5	289	3.04

**4000K - CRI 90**  
On board dimmer  
09.7328.40A  
09.7328.14A



Beam Angle: 34°

h(m)	El(lx)	D(m)
1	7826	0.61
2	1957	1.22
3	870	1.83
4	489	2.44
5	313	3.04

# UT PRO SURFACE

## Accessori / Accessories

Crocetta di schermatura, lenti e honeycomb direttamente installabili sulla testa dell'apparecchio di illuminazione senza necessità di accessori di fissaggio.

Screening crosspiece, lenses and honeycomb directly installable on the head of the luminaire without needing any fastening accessory.

Filtro a croce antiabbagliamento.

Screening crosspiece.



UT Pro Surface 150  
08.8429.00  
UT Pro Surface 175  
08.9108.00

Lente ellittica.

Elliptical lens.



UT Pro Surface 150  
08.8431.00  
UT Pro Surface 175  
08.9109.00

Lente flood.

Flood lens.



UT Pro Surface 150  
08.8432.00  
UT Pro Surface 175  
08.9110.00

Honeycomb.

Honeycomb.



UT Pro Surface 150  
08.8428.00  
UT Pro Surface 175  
08.9107.00

Cono di schermatura.

Snoot shielding cone.



UT Pro Surface 150  
08.0526.00  
08.0526.40  
08.0526.BW



UT Pro Surface 175  
08.9111.00

# KAP SURFACE&SUSPENSION

DESIGNED BY FLOS ARCHITECTURAL



Esterno / Outside

B1 Bianco B1 White   
  14 Nero 14 Black   
  18 Deep Brown 18 Deep Brown

Interno / Inside

Bianco White   
  Oro Satinato Matte Gold   
  Rame Copper   
  Nero Black

**Kap 80  
Round / Square**



Esterno / Outside

11 Bianco 11 White   
  AS Alluminio Spazzolato AS Brushed Aluminium   
  AN Nero AN Black   
  B3 Marrone B3 Brown

Interno / Inside

Bianco White   
  Oro Satinato Matte Gold   
  Rame Copper   
  Nero Black

**Kap Ø100**



## Descrizione

Famiglia di apparecchi con illuminazione diretta o indiretta in base alla versione, per installazione a soffitto, parete o sospesa. La versione Ø80 presenta moduli di illuminazione rotondi e quadrati.

Il corpo principale dell'apparecchio è realizzato in alluminio estruso.

La versione Kap 80 Surface è disponibile in tre finiture esterne (bianco, nero e deep brown) e quattro finiture interne (bianco, oro opaco, rame e nero).

Le versioni restanti sono disponibili in quattro finiture esterne (bianco, alluminio lucido, nero e marrone) e quattro finiture interne (bianco, oro opaco, rame e nero).

## Riflettori

La versione Ø100 presenta un riflettore interno realizzato in policarbonato verniciato nella parte interna, mentre la versione Ø80 presenta un riflettore in alluminio verniciato. Inoltre, entrambe le versioni vanno accompagnate da un diffusore in policarbonato opalino che garantisce una luce uniforme.

## Unità di Alimentazione

Trasformatore elettrico incorporato.

Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

## Informazioni aggiuntive

Grado di protezione IP20.

Classe di isolamento I.

Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Family of luminaires with direct or indirect lighting depending on the version, to be installed on ceilings, walls or suspended. Version Ø80 comes with round or square lighting modules.

The main body of the luminaire is made of extruded aluminum.

Kap 80 Surface version is available in three external finishes (black, white and deep brown) and four internal finishes (white, matte gold, copper and black).

The other versions are available in four external finishes (white, polished aluminium, black and brown) and four internal finishes (white, matte gold, copper and black).

## Reflectors

Version Ø100 has an internal reflector in painted polycarbonate in its internal part, while version Ø80 has a reflector in painted aluminium. Furthermore, both versions incorporate a diffusing lens in opal polycarbonate to ensure uniform light distribution.

## Power Supply

Electronic transformer incorporated.

Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

## Additional Information

IP20 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



Ceiling



Suspension

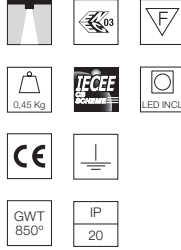
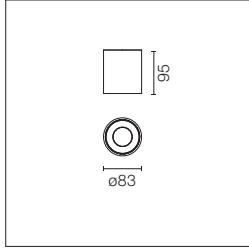


Wall

# KAP SURFACE

## Kap 80 Surface Ceiling Round

Light Source: LED Array 11,3W - 935 lm - 2700K/CRI 90 / 11,3W - 974 lm - 3000K/CRI 90



Apparecchio di illuminazione a LED per installazione a soffitto. Fonte di alimentazione integrata al corpo dell'apparecchio. Non dimmabile 110/240V - Main&Dali/Push dimmabile 220/240V.

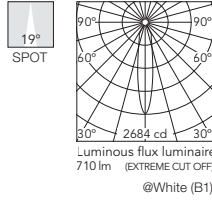
E= Finitura Esterna  
I= Finitura Interna

Luminaire for mounting on the ceiling with LED light source. Power source incorporated into luminaire body. Non dimmable 110/240V - Main&Dali/Push dimmable 220/240V.

E= External Finish  
I= Internal Finish

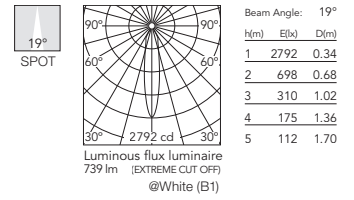
### Optic Spot 2700K

E	I	Non Dimmable
□	□	03.6020.B1
■	□	03.6020.14
■	■	03.6020.18
Mains Dimming		
□	□	03.5920.B1
■	□	03.5920.14
■	■	03.5920.18
Dali/Push Version		
□	□	03.6020.B1ADA
■	□	03.6020.14ADA
■	■	03.6020.18ADA



### Optic Spot 3000K

E	I	Non Dimmable
□	□	03.6024.B1
■	□	03.6024.14
■	■	03.6024.18
Mains Dimming		
□	□	03.5924.B1
■	□	03.5924.14
■	■	03.5924.18
Dali/Push Version		
□	□	03.6024.B1ADA
■	□	03.6024.14ADA
■	■	03.6024.18ADA



Non Dimmable		
□	■	03.6021.B1
■	■	03.6021.14
■	■	03.6021.18
Mains Dimming		
□	■	03.5921.B1
■	■	03.5921.14
■	■	03.5921.18
Dali/Push Version		
□	■	03.6021.B1ADA
■	■	03.6021.14ADA
■	■	03.6021.18ADA

Non Dimmable		
□	■	03.6025.B1
■	■	03.6025.14
■	■	03.6025.18
Mains Dimming		
□	■	03.5925.B1
■	■	03.5925.14
■	■	03.5925.18
Dali/Push Version		
□	■	03.6025.B1ADA
■	■	03.6025.14ADA
■	■	03.6025.18ADA

Non Dimmable		
□	■	03.6028.B1
■	■	03.6028.14
■	■	03.6028.18
Mains Dimming		
□	■	03.5928.B1
■	■	03.5928.14
■	■	03.5928.18
Dali/Push Version		
□	■	03.6028.B1ADA
■	■	03.6028.14ADA
■	■	03.6028.18ADA

Non Dimmable		
□	■	03.6029.B1
■	■	03.6029.14
■	■	03.6029.18
Mains Dimming		
□	■	03.5929.B1
■	■	03.5929.14
■	■	03.5929.18
Dali/Push Version		
□	■	03.6029.B1ADA
■	■	03.6029.14ADA
■	■	03.6029.18ADA

Non Dimmable		
□	■	03.6023.B1
■	■	03.6023.14
■	■	03.6023.18
Mains Dimming		
□	■	03.5923.B1
■	■	03.5923.14
■	■	03.5923.18
Dali/Push Version		
□	■	03.6023.B1ADA
■	■	03.6023.14ADA
■	■	03.6023.18ADA

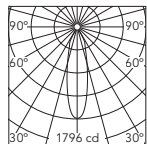
Non Dimmable		
□	■	03.6027.B1
■	■	03.6027.14
■	■	03.6027.18
Mains Dimming		
□	■	03.5927.B1
■	■	03.5927.14
■	■	03.5927.18
Dali/Push Version		
□	■	03.6027.B1ADA
■	■	03.6027.14ADA
■	■	03.6027.18ADA



# KAP SURFACE

## Optic Medium 2700K

E I	Non Dimmable
	03.6000.B1
	03.6000.14
	03.6000.18
	Mains Dimming
	03.5900.B1
	03.5900.14
	03.5900.18
	Dali/Push Version
	03.6000.B1ADA
	03.6000.14ADA
	03.6000.18ADA



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1796	0.46
2	449	0.92
3	200	1.39
4	112	1.85
5	72	2.31

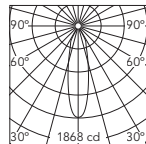
	Non Dimmable
	03.6001.B1
	03.6001.14
	03.6001.18
	Mains Dimming
	03.5901.B1
	03.5901.14
	03.5901.18
	Dali/Push Version
	03.6001.B1ADA
	03.6001.14ADA
	03.6001.18ADA

	Non Dimmable
	03.6008.B1
	03.6008.14
	03.6008.18
	Mains Dimming
	03.5908.B1
	03.5908.14
	03.5908.18
	Dali/Push Version
	03.6008.B1ADA
	03.6008.14ADA
	03.6008.18ADA

	Non Dimmable
	03.6003.B1
	03.6003.14
	03.6003.18
	Mains Dimming
	03.5903.B1
	03.5903.14
	03.5903.18
	Dali/Push Version
	03.6003.B1ADA
	03.6003.14ADA
	03.6003.18ADA

## Optic Medium 3000K

E I	Non Dimmable
	03.6004.B1
	03.6004.14
	03.6004.18
	Mains Dimming
	03.5904.B1
	03.5904.14
	03.5904.18
	Dali/Push Version
	03.6004.B1ADA
	03.6004.14ADA
	03.6004.18ADA



Beam Angle: 26°

h(m)	E(lx)	D(m)
1	1868	0.46
2	467	0.92
3	208	1.39
4	117	1.85
5	75	2.31

	Non Dimmable
	03.6005.B1
	03.6005.14
	03.6005.18
	Mains Dimming
	03.5905.B1
	03.5905.14
	03.5905.18
	Dali/Push Version
	03.6005.B1ADA
	03.6005.14ADA
	03.6005.18ADA

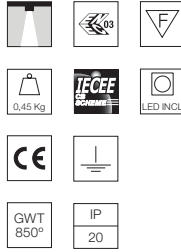
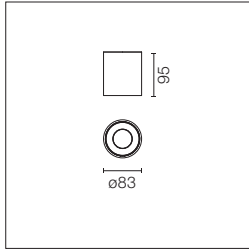
	Non Dimmable
	03.6009.B1
	03.6009.14
	03.6009.18
	Mains Dimming
	03.5909.B1
	03.5909.14
	03.5909.18
	Dali/Push Version
	03.6009.B1ADA
	03.6009.14ADA
	03.6009.18ADA

	Non Dimmable
	03.6007.B1
	03.6007.14
	03.6007.18
	Mains Dimming
	03.5907.B1
	03.5907.14
	03.5907.18
	Dali/Push Version
	03.6007.B1ADA
	03.6007.14ADA
	03.6007.18ADA

# KAP SURFACE

## Kap 80 Surface Ceiling Round

Light Source: LED Array 11,3W - 935 lm - 2700K/CRI 90 / 11,3W - 974 lm - 3000K/CRI 90



Apparecchio di illuminazione a LED per installazione a soffitto. Fonte di alimentazione integrata al corpo dell'apparecchio. Non dimmabile 110/240V - Main&Dali/Push dimmabile 220/240V.

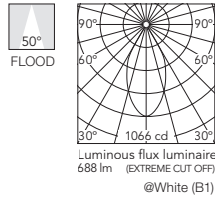
E= Finitura Esterna  
I= Finitura Interna

Luminaire for mounting on the ceiling with LED light source. Power source incorporated into luminaire body. Non dimmable 110/240V - Main&Dali/Push dimmable 220/240V.

E= External Finish  
I= Internal Finish

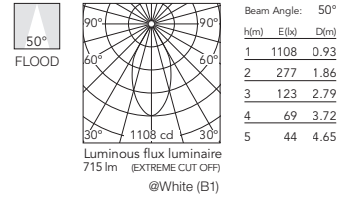
### Optic Flood 2700K

- E I Non Dimmable
- 03.6040.B1
  - 03.6040.14
  - 03.6040.18
- Mains Dimming
- 03.5940.B1
  - 03.5940.14
  - 03.5940.18
- Dali/Push Version
- 03.6040.B1ADA
  - 03.6040.14ADA
  - 03.6040.18ADA



### Optic Flood 3000K

- E I Non Dimmable
- 03.6044.B1
  - 03.6044.14
  - 03.6044.18
- Mains Dimming
- 03.5944.B1
  - 03.5944.14
  - 03.5944.18
- Dali/Push Version
- 03.6044.B1ADA
  - 03.6044.14ADA
  - 03.6044.18ADA



- Non Dimmable
- 03.6041.B1
  - 03.6041.14
  - 03.6041.18
- Mains Dimming
- 03.5941.B1
  - 03.5941.14
  - 03.5941.18
- Dali/Push Version
- 03.6041.B1ADA
  - 03.6041.14ADA
  - 03.6041.18ADA

- Non Dimmable
- 03.6045.B1
  - 03.6045.14
  - 03.6045.18
- Mains Dimming
- 03.5945.B1
  - 03.5945.14
  - 03.5945.18
- Dali/Push Version
- 03.6045.B1ADA
  - 03.6045.14ADA
  - 03.6045.18ADA

- Non Dimmable
- 03.6048.B1
  - 03.6048.14
  - 03.6048.18
- Mains Dimming
- 03.5948.B1
  - 03.5948.14
  - 03.5948.18
- Dali/Push Version
- 03.6048.B1ADA
  - 03.6048.14ADA
  - 03.6048.18ADA

- Non Dimmable
- 03.6049.B1
  - 03.6049.14
  - 03.6049.18
- Mains Dimming
- 03.5949.B1
  - 03.5949.14
  - 03.5949.18
- Dali/Push Version
- 03.6049.B1ADA
  - 03.6049.14ADA
  - 03.6049.18ADA

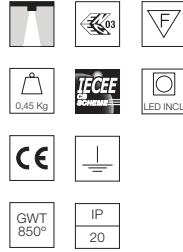
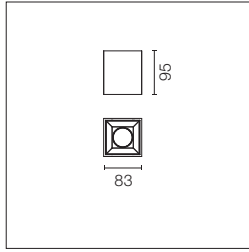
- Non Dimmable
- 03.6043.B1
  - 03.6043.14
  - 03.6043.18
- Mains Dimming
- 03.5943.B1
  - 03.5943.14
  - 03.5943.18
- Dali/Push Version
- 03.6043.B1ADA
  - 03.6043.14ADA
  - 03.6043.18ADA

- Non Dimmable
- 03.6047.B1
  - 03.6047.14
  - 03.6047.18
- Mains Dimming
- 03.5947.B1
  - 03.5947.14
  - 03.5947.18
- Dali/Push Version
- 03.6047.B1ADA
  - 03.6047.14ADA
  - 03.6047.18ADA

# KAP SURFACE

## Kap 80 Surface Ceiling Square

Light Source: LED Array 11,3W - 935 lm - 2700K/CRI 90 / 11,3W - 974 lm - 3000K/CRI 90



Apparecchio di illuminazione a LED per installazione a soffitto. Fonte di alimentazione integrata al corpo dell'apparecchio. Non dimmabile 110/240V - Main&Dali/Push dimmabile 220/240V.

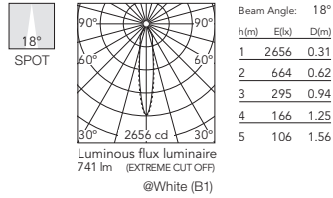
E= Finitura Esterna  
I= Finitura Interna

Luminaire for mounting on the ceiling with LED light source. Power source incorporated into luminaire body. Non dimmable 110/240V - Main&Dali/Push dimmable 220/240V.

E= External Finish  
I= Internal Finish

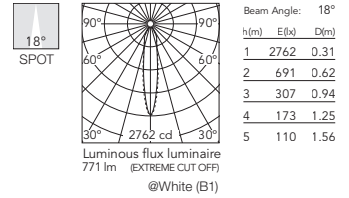
### Optic Spot 2700K

- E I Non Dimmable
- 03.6030.B1
  - 03.6030.14
  - 03.6030.18
- Mains Dimming
- 03.5930.B1
  - 03.5930.14
  - 03.5930.18
- Dali/Push Version
- 03.6030.B1ADA
  - 03.6030.14ADA
  - 03.6030.18ADA



### Optic Spot 3000K

- E I Non Dimmable
- 03.6034.B1
  - 03.6034.14
  - 03.6034.18
- Mains Dimming
- 03.5934.B1
  - 03.5934.14
  - 03.5934.18
- Dali/Push Version
- 03.6034.B1ADA
  - 03.6034.14ADA
  - 03.6034.18ADA



- Non Dimmable
- 03.6031.B1
  - 03.6031.14
  - 03.6031.18
- Mains Dimming
- 03.5931.B1
  - 03.5931.14
  - 03.5931.18
- Dali/Push Version
- 03.6031.B1ADA
  - 03.6031.14ADA
  - 03.6031.18ADA

- Non Dimmable
- 03.6035.B1
  - 03.6035.14
  - 03.6035.18
- Mains Dimming
- 03.5935.B1
  - 03.5935.14
  - 03.5935.18
- Dali/Push Version
- 03.6035.B1ADA
  - 03.6035.14ADA
  - 03.6035.18ADA

- Non Dimmable
- 03.6038.B1
  - 03.6038.14
  - 03.6038.18
- Mains Dimming
- 03.5938.B1
  - 03.5938.14
  - 03.5938.18
- Dali/Push Version
- 03.6038.B1ADA
  - 03.6038.14ADA
  - 03.6038.18ADA

- Non Dimmable
- 03.6039.B1
  - 03.6039.14
  - 03.6039.18
- Mains Dimming
- 03.5939.B1
  - 03.5939.14
  - 03.5939.18
- Dali/Push Version
- 03.6039.B1ADA
  - 03.6039.14ADA
  - 03.6039.18ADA

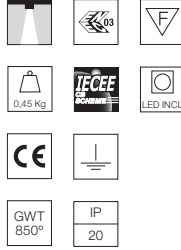
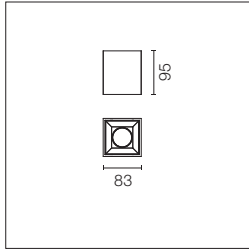
- Non Dimmable
- 03.6033.B1
  - 03.6033.14
  - 03.6033.18
- Mains Dimming
- 03.5933.B1
  - 03.5933.14
  - 03.5933.18
- Dali/Push Version
- 03.6033.B1ADA
  - 03.6033.14ADA
  - 03.6033.18ADA

- Non Dimmable
- 03.6037.B1
  - 03.6037.14
  - 03.6037.18
- Mains Dimming
- 03.5937.B1
  - 03.5937.14
  - 03.5937.18
- Dali/Push Version
- 03.6037.B1ADA
  - 03.6037.14ADA
  - 03.6037.18ADA

# KAP SURFACE

## Kap 80 Surface Ceiling Square

Light Source: LED Array 11,3W - 935 lm - 2700K/CRI 90 / 11,3W - 974 lm - 3000K/CRI 90



Apparecchio di illuminazione a LED per installazione a soffitto. Fonte di alimentazione integrata al corpo dell'apparecchio. Non dimmabile 110/240V - Main&Dali/Push dimmabile 220/240V.

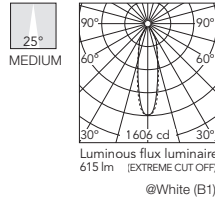
Luminaire for mounting on the ceiling with LED light source. Power source incorporated into luminaire body. Non dimmable 110/240V - Main&Dali/Push dimmable 220/240V.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

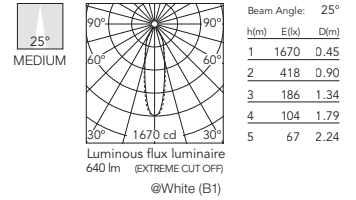
### Optic Medium 2700K

- E I Non Dimmable
- 03.6010.B1
  - 03.6010.14
  - 03.6010.18
- Mains Dimming
- 03.5910.B1
  - 03.5910.14
  - 03.5910.18
- Dali/Push Version
- 03.6010.B1ADA
  - 03.6010.14ADA
  - 03.6010.18ADA



### Optic Medium 3000K

- E I Non Dimmable
- 03.6014.B1
  - 03.6014.14
  - 03.6014.18
- Mains Dimming
- 03.5914.B1
  - 03.5914.14
  - 03.5914.18
- Dali/Push Version
- 03.6014.B1ADA
  - 03.6014.14ADA
  - 03.6014.18ADA



- Non Dimmable
- 03.6011.B1
  - 03.6011.14
  - 03.6011.18
- Mains Dimming
- 03.5911.B1
  - 03.5911.14
  - 03.5911.18
- Dali/Push Version
- 03.6011.B1ADA
  - 03.6011.14ADA
  - 03.6011.18ADA

- Non Dimmable
- 03.6015.B1
  - 03.6015.14
  - 03.6015.18
- Mains Dimming
- 03.5915.B1
  - 03.5915.14
  - 03.5915.18
- Dali/Push Version
- 03.6015.B1ADA
  - 03.6015.14ADA
  - 03.6015.18ADA

- Non Dimmable
- 03.6018.B1
  - 03.6018.14
  - 03.6018.18
- Mains Dimming
- 03.5918.B1
  - 03.5918.14
  - 03.5918.18
- Dali/Push Version
- 03.6018.B1ADA
  - 03.6018.14ADA
  - 03.6018.18ADA

- Non Dimmable
- 03.6019.B1
  - 03.6019.14
  - 03.6019.18
- Mains Dimming
- 03.5919.B1
  - 03.5919.14
  - 03.5919.18
- Dali/Push Version
- 03.6019.B1ADA
  - 03.6019.14ADA
  - 03.6019.18ADA

- Non Dimmable
- 03.6013.B1
  - 03.6013.14
  - 03.6013.18
- Mains Dimming
- 03.5913.B1
  - 03.5913.14
  - 03.5913.18
- Dali/Push Version
- 03.6013.B1ADA
  - 03.6013.14ADA
  - 03.6013.18ADA

- Non Dimmable
- 03.6017.B1
  - 03.6017.14
  - 03.6017.18
- Mains Dimming
- 03.5917.B1
  - 03.5917.14
  - 03.5917.18
- Dali/Push Version
- 03.6017.B1ADA
  - 03.6017.14ADA
  - 03.6017.18ADA

# KAP SURFACE

## Optic Flood 2700K

E I Non Dimmable

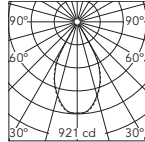
03.6050.B1
03.6050.14
03.6050.18

Mains Dimming

03.5950.B1
03.5950.14
03.5950.18

Dali/Push Version

03.6050.B1ADA
03.6050.14ADA
03.6050.18ADA



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	921	1.03
2	230	2.07
3	102	3.10
4	58	4.14
5	37	5.17

Luminous flux luminaire  
723 lm (EXTREME CUT OFF)  
@White (B1)

Non Dimmable

03.6051.B1
03.6051.14
03.6051.18

Mains Dimming

03.5951.B1
03.5951.14
03.5951.18

Dali/Push Version

03.6051.B1ADA
03.6051.14ADA
03.6051.18ADA

Non Dimmable

03.6058.B1
03.6058.14
03.6058.18

Mains Dimming

03.5958.B1
03.5958.14
03.5958.18

Dali/Push Version

03.6058.B1ADA
03.6058.14ADA
03.6058.18ADA

Non Dimmable

03.6053.B1
03.6053.14
03.6053.18

Mains Dimming

03.5953.B1
03.5953.14
03.5953.18

Dali/Push Version

03.6053.B1ADA
03.6053.14ADA
03.6053.18ADA

## Optic Flood 3000K

E I Non Dimmable

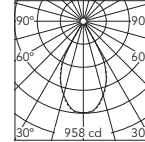
03.6054.B1
03.6054.14
03.6054.18

Mains Dimming

03.5954.B1
03.5954.14
03.5954.18

Dali/Push Version

03.6054.B1ADA
03.6054.14ADA
03.6054.18ADA



Beam Angle: 55°

h(m)	E(lx)	D(m)
1	958	1.03
2	240	2.07
3	106	3.10
4	60	4.14
5	38	5.17

Luminous flux luminaire  
752 lm (EXTREME CUT OFF)  
@White (B1)

Non Dimmable

03.6055.B1
03.6055.14
03.6055.18

Mains Dimming

03.5955.B1
03.5955.14
03.5955.18

Dali/Push Version

03.6055.B1ADA
03.6055.14ADA
03.6055.18ADA

Non Dimmable

03.6059.B1
03.6059.14
03.6059.18

Mains Dimming

03.5959.B1
03.5959.14
03.5959.18

Dali/Push Version

03.6059.B1ADA
03.6059.14ADA
03.6059.18ADA

Non Dimmable

03.6057.B1
03.6057.14
03.6057.18

Mains Dimming

03.5957.B1
03.5957.14
03.5957.18

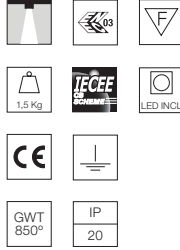
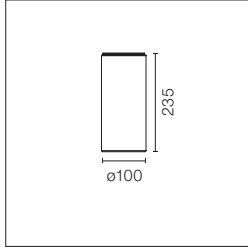
Dali/Push Version

03.6057.B1ADA
03.6057.14ADA
03.6057.18ADA

# KAP SURFACE

## Kap Surface Ceiling

Light Source: Power LED 9W - 1000 lm - 3000K/CRI 80

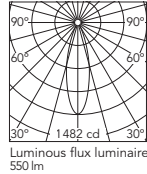
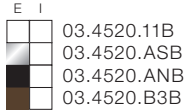


Apparecchio di illuminazione a LED per installazione a soffitto. Fonte di alimentazione 110/240V - 50/60Hz non regolabile integrata al corpo dell'apparecchio.

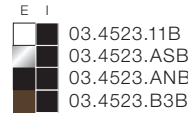
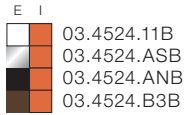
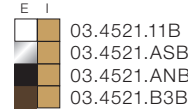
Luminaire for mounting on the ceiling with LED light source. Non-adjustable 110/240V - 50/60Hz power supply integrated into luminaire body.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

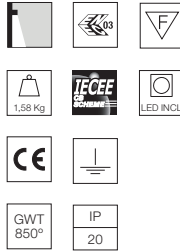
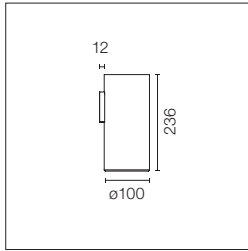


Beam Angle:	29°	
h(m)	El(x)	D(m)
1	1482	0.52
2	371	1.04
3	165	1.56
4	93	2.08
5	59	2.61



## Kap Surface Wall

Light Source: Power LED 9W - 1000 lm - 3000K/CRI 80

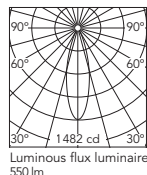
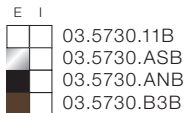


Apparecchio di illuminazione a LED per installazione a parete. Fonte di alimentazione 110/240V - 50/60Hz non regolabile integrata al corpo dell'apparecchio.

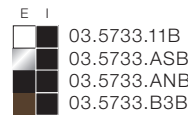
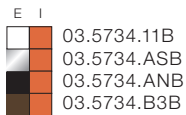
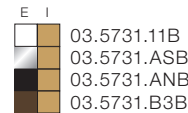
Luminaire for wall mounting with LED light source. Non-adjustable 110/240V - 50/60Hz power supply integrated into luminaire body.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish



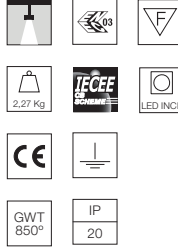
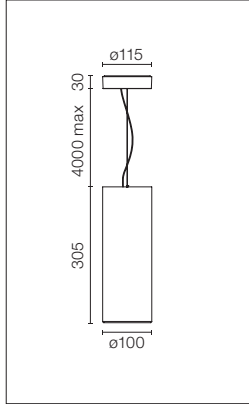
Beam Angle:	29°	
h(m)	El(x)	D(m)
1	1482	0.52
2	371	1.04
3	165	1.56
4	93	2.08
5	59	2.61



# KAP SUSPENSION

## Kap Suspension

**Light Source:** Power LED 9W - 1000 lm - 3000K/CRI 80



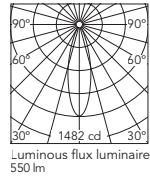
Apparecchio di illuminazione a LED per installazione a sospensione. Fonte di alimentazione 110/240V - 50/60Hz non regolabile integrata al corpo dell'apparecchio.

Suspended ceiling-mounted luminaire with LED light source. Non-adjustable 110/240V - 50/60Hz power supply integrated into luminaire body.

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

E	I	
White	White	03.5810.11B
White	Black	03.5810.ASB
Black	White	03.5810.ANB
Black	Black	03.5810.B3B



Beam Angle: 29°

h(m)	E(lx)	D(m)
1	1482	0.52
2	371	1.04
3	165	1.56
4	93	2.08
5	59	2.61

E	I	
White	White	03.5811.11B
White	Black	03.5811.ASB
Black	White	03.5811.ANB
Black	Black	03.5811.B3B

E	I	
White	White	03.5814.11B
White	Black	03.5814.ASB
Black	White	03.5814.ANB
Black	Black	03.5814.B3B

E	I	
White	White	03.5813.11B
White	Black	03.5813.ASB
Black	White	03.5813.ANB
Black	Black	03.5813.B3B

# SUPER LINE&PRO

DESIGNED BY FLOS ARCHITECTURAL

SUPER LINE  
UP&DOWN  
INDIRECT



**LIGHT SOURCE**  
TOP LED  
58W  
4488 lm UP  
2160 lm DOWN  
3000K/CRI 90

4794 lm UP  
2280 lm DOWN  
4000K/CRI 90

SUPER LINE  
UP&DOWN  
DIRECT



**LIGHT SOURCE**  
TOP LED  
58W  
2268 lm UP  
4488 lm DOWN  
3000K/CRI 90

2376 lm UP  
4794 lm DOWN  
4000K/CRI 90

SUPER LINE  
DOWN



**LIGHT SOURCE**  
TOP LED  
38,6W  
4488 lm  
3000K/CRI 90  
4794 lm  
4000K/CRI 90

SUPER LINE PRO  
UP&DOWN



**LIGHT SOURCE**  
TOP LED  
60W  
UP TO 4075 lm UP  
UP TO 4605 lm DOWN  
3000K/CRI 90

UP TO 4337 lm UP  
UP TO 4900 lm DOWN  
4000K/CRI 90

SUPER LINE PRO  
DOWN



**LIGHT SOURCE**  
TOP LED  
40W  
UP TO 5072 lm  
3000K/CRI 90  
UP TO 4765 lm  
4000K/CRI 90

40 Bianco  
40 White

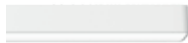
02 Grigio  
02 Grey

14 Nero  
14 Black

ET Ottone Spazzolato  
ET Brushed Brass

EU Oro rosa Spazzolato  
EU Brushed Rose Gold

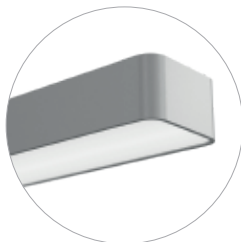
Super Line



Super Line Pro



Super Line



Super Line Pro





## Descrizione

Collezione di apparecchi di illuminazione sospesi per illuminazione generale con la firma di un design minimalista, disegnata per offrire illuminazione ad alto rendimento, qualità della luce e confort visivo combinato in un formato ultracompatto.

La versione Super Line Pro è stata sviluppata appositamente per soddisfare tutti i requisiti per il controllo dell'abbagliamento e il confort visivo negli spazi di lavoro. Offre un UGR inferiore a 14 e un valore di intensità massima per angoli di 65° secondo la norma inferiore a 3000 cd/m<sup>2</sup>, garantendo le migliori condizioni negli ambienti di lavoro e in innumerevoli altre applicazioni. (Vedi tabella UGR nella sezione accessori).

Il corpo principale degli apparecchi d'illuminazione è fabbricato in alluminio estruso. Il Super Line è dotato di un filtro diffusore tecnico multistrato che, grazie alla combinazione di filtri prismatici ed ellittici, assicura una distribuzione perfetta della luce e migliora l'effetto ottico e il confort visivo mediante le sue proprietà antiabbagliamento.

Super Line Up & Down è disponibili in due versioni:

- Indirect: versione che privilegia l'emissione indiretta verso l'alto, con un'intensità luminosa indiretta più importante, che rende omogeneo l'ambiente di illuminazione, disegnata per offrire un UGR<19e la condizione luminosa ideale richiesta negli uffici.
  - Direct: versione che privilegia l'illuminazione diretta e massimizza l'efficienza, prevenendo contemporaneamente l'effetto "caverna" con la sua intensità indiretta, garantendo un elevato livello di confort.
- Super Line Pro Up&Down comprende un' unica versione che può essere regolata tramite il driver corrispondente per offrire una maggiore quantità di flusso nell'emissione superiore o inferiore.

Per minimizzare l'impatto visivo della collezione, i conduttori fungono da cavi di sospensione, eliminando così la canalina di alimentazione. Lunghezza di sospensione 4,25m.

## Informazioni di Installazione

Super Line è fabbricata combinando il modulo di alimentazione selezionato con uno di questi tre kit d'installazione esistenti:

- Surface Kit: comprende cassetta a incasso con il driver di alimentazione.
- Integrated Kit: comprende cassetta di installazione a incasso, con il driver di alimentazione.
- Remote Power Supply Kit: comprende protezione accessoria per il cavo che attraversa il cartongesso.

Tutti i kit di installazione sono disponibili sia nella versione DALI che in quella non dimmerabile.

Super Line Pro dispone degli stessi Kit di alimentazione. Per la versione UP&Down gli alimentatori sono provvisti di due uscite verso l'apparecchio, ognuna delle quali presenta un'intensità di corrente dedicata (mA). Collegando le due uscite rispettivamente ad ognuna delle due entrate (Up o Down) dell'apparecchio è possibile associare il flusso maggioritario e quello minoritario all'emisfero superiore o a quello inferiore.

Le versioni non dimmerabili sono provviste di un driver multi-corrente, che può essere attivato durante l'installazione per ottenere le condizioni di illuminazione richieste. I kit di installazione Super Line vengono forniti dalla fabbrica al 100% della potenza nominale.

Tutti gli apparecchi sono provvisti di una livella circolare ad alta precisione, che semplifica l'installazione dell'apparecchio, controllando la calibrazione di entrambe le assi.

## Informazioni Aggiuntive

Classe d'isolation I.  
Grado di protezione IP20.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Collection of suspended luminaires for general lighting with a signature minimalist shape, designed to offer high-performance lighting, light quality and visual comfort combined in a very compact size.

The Super Line Pro version was designed to meet all requirements to reduce glare and improve visual comfort in offices, complying with the most restrictive conditions. A UGR less than 14 and a maximum intensity value less than 3000 cd/m<sup>2</sup> at an angle of 65° according to the standard, guarantee the best conditions for workplaces and make it perfect for many other applications. (Refer to the UGR chart in the accessories section).

The main body of the lights is made from extruded aluminium. Super Line is equipped with a multilayer diffusion filter which, thanks to its combination of elliptical and prism-shaped filters, ensures that the light is perfectly distributed and improves the overall visual effect, as well as providing comfort with its anti-glare properties.

Super Line Up&Down is available in two different versions:

- Indirect: a version which is better for emitting light indirectly upwards, with a greater intensity of indirect luminosity that homogenizes the lighting area, designed to provide UGR<19 and the perfect lighting conditions for offices.
- Direct: a version which is better for direct lighting and maximises efficiency, but at the same time prevents any "cave effect" with its indirect intensity, guaranteeing a high level of comfort.

Super Line Pro Up&Down comes in only one version that can be adjusted using the corresponding driver to offer a higher flux in the upper or lower part.

To minimise the visual impact of the collection, the suspension cables are also the wires, which eliminates the need for a power supply cable. Suspension length: 4,25 meters.

## Installation Information

The Super Line is constructed combining the selected light source module with one of the three existing installation kits:

- Surface Kit: includes surface mounted box including the power supply driver.
- Integrated Kit: includes flush-recessed installation box, including power supply driver.
- Remote Power Supply Kit: includes an accessory as pass-through cable protection as well as a power supply driver for a remote accessible installation.

All installation kits are available either in DALI version or in a non dimmable version.

Super Line Pro uses the same power kits. For the Up&Down version, the power sources have two outputs to the light fitting, each with an amount of current (mA). By connecting each of these outputs to an input of the light fitting (Up or Down), a higher or lower flux can be chosen for each part.

The non dimmable versions are equipped with a multi-current driver that can be set during the installation in order to achieve the required illumination conditions. The Super Line installation kits come from factory at 100% of their nominal power.

All luminaires host a high-precision circular level, simplifying the installation of the luminaire, controlling calibration in both axes.

## Additional Information

Insulation class I.  
IP20 protection grade.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

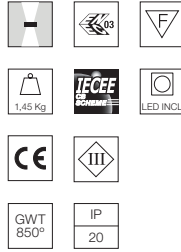
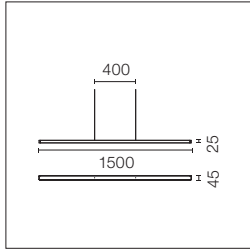
## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# SUPER LINE & PRO

## Super Line Up&Down Indirect

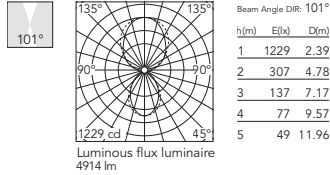
**Light Source:** Top LED 58W - 4488 lm UP - 2160 lm DOWN - 3000K/CRI 90 / 58W - 4794 lm UP - 2280 lm DOWN - 4000K/CRI 90



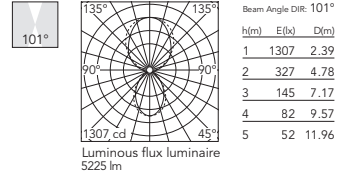
Apparecchio di illuminazione LED generale diretta e indiretta con design minimalista distintivo e compatto, adatto per installazione a soffitto mediante sospensione. Fonte di alimentazione compresa nei diversi kit di installazione che devono essere ordinati separatamente.

LED luminaire for direct and indirect lighting with a signature minimalist and compact design, to be installed on ceilings by means of suspension. Power source included in installation kits must be ordered separately.

- 3000K**
- 03.9502.40
  - 03.9502.02
  - 03.9502.14
  - 03.9502.ET
  - 03.9502.EU

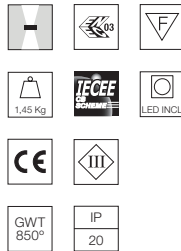
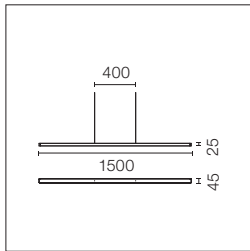


- 4000K**
- 03.9503.40
  - 03.9503.02
  - 03.9503.14
  - 03.9503.ET
  - 03.9503.EU



## Super Line Up&Down Direct

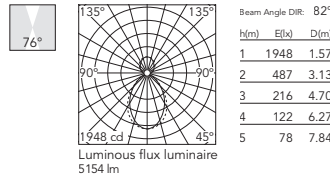
**Light Source:** Top LED 58W - 2268 lm UP - 4488 lm DOWN - 3000K/CRI 90 / 58W - 2376 lm UP - 4794 lm DOWN - 4000K/CRI 90



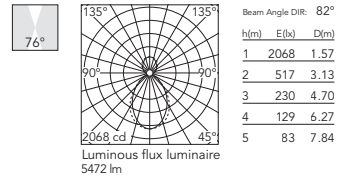
Apparecchio di illuminazione LED generale diretta e indiretta con design minimalista distintivo e compatto, adatto per installazione a soffitto mediante sospensione. Fonte di alimentazione compresa nei diversi kit di installazione che devono essere ordinati separatamente.

LED luminaire for direct and indirect lighting with a signature minimalist and compact design, to be installed on ceilings by means of suspension. Power source included in installation kits must be ordered separately.

- 3000K**
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  - 03.9500.14
  - 03.9500.ET
  - 03.9500.EU

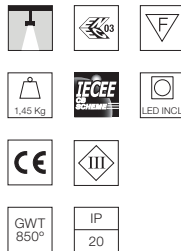
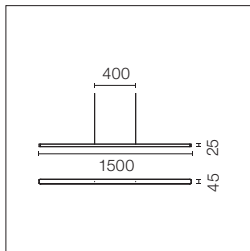


- 4000K**
- 03.9501.40
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  - 03.9501.14
  - 03.9501.ET
  - 03.9501.EU



## Super Line Down

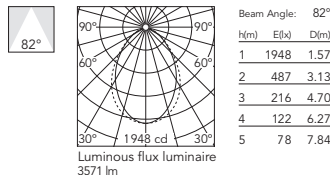
**Light Source:** Top LED 38,5W - 4488 lm - 3000K/CRI 90 / 38,5W- 4794 lm - 4000K/CRI 90



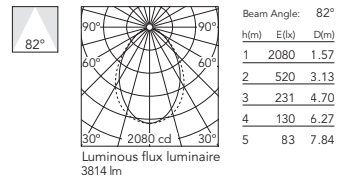
Apparecchio di illuminazione LED generale con design minimalista distintivo e compatto, adatto per installazione a soffitto mediante sospensione. Fonte di alimentazione compresa nei diversi kit di installazione, che devono essere ordinati separatamente.

LED luminaire for general lighting with a signature minimalist and compact design, to be installed on ceilings by means of suspension. Power source included in installation kits must be ordered separately.

- 3000K**
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  - 03.9510.14
  - 03.9510.ET
  - 03.9510.EU



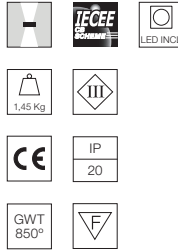
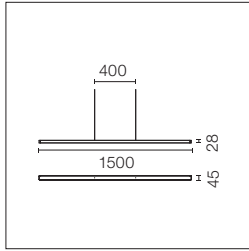
- 4000K**
- 03.9511.40
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  - 03.9511.14
  - 03.9511.ET
  - 03.9511.EU



# SUPER LINE & PRO

## Super Line Pro Up&Down

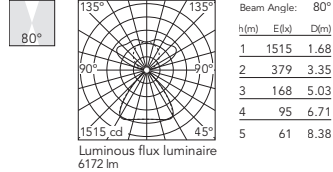
**Light Source:** Majority UP - Top LED 60W - 4075 lm UP - 2500 lm DOWN - 3000K/CRI 90 / 60W - 4335 lm UP - 2660 lm DOWN - 4000K/CRI 90  
 Majority DOWN - Top LED 60W - 2590 lm UP - 4605 lm DOWN - 3000K/CRI 90 / 60W - 2755 lm UP - 4900 lm DOWN - 4000K/CRI 90



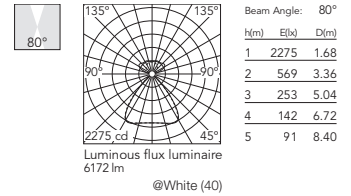
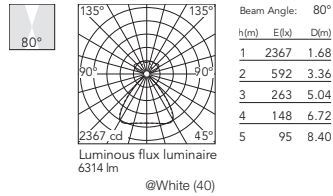
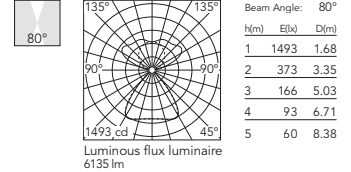
Apparecchio di illuminazione LED generale diretta e indiretta con design minimalista distintivo e compatto, adatto per installazione a soffitto mediante sospensione. Fonte di alimentazione compresa nei diversi kit di installazione che devono essere ordinati separatamente. La selezione della maggiore intensità Up o Down si realizza nei kit di alimentazione che includono un driver con due uscite indipendenti.

LED luminaire for direct and indirect lighting with a signature minimalist and compact design, to be installed on ceilings by means of suspension. Power source included in installation kits must be ordered separately. Greater Up or Down intensity can be selected using power kits with a device with two independent outputs.

- 3000K**
- 03.9560.40
  - 03.9560.02
  - 03.9560.14
  - 03.9560.ET
  - 03.9560.EU

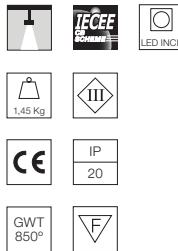
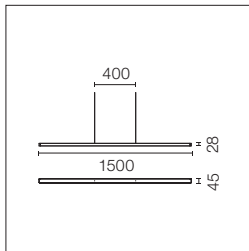


- 4000K**
- 03.9561.40
  - 03.9561.02
  - 03.9561.14
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  - 03.9561.EU



## Super Line Pro Down

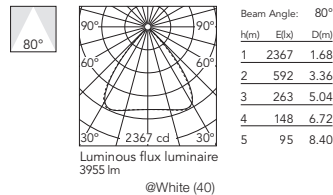
**Light Source:** Top LED 40W - 4765 lm - 3000K/CRI 90 / 40W - 5070 lm - 4000K/CRI 90



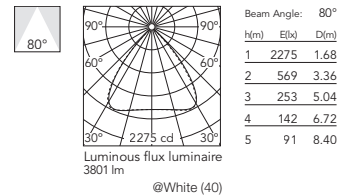
Apparecchio di illuminazione LED generale con design minimalista distintivo e compatto, adatto per installazione a soffitto mediante sospensione. Fonte di alimentazione compresa nei diversi kit di installazione, che devono essere ordinati separatamente, potendo selezionare l'intensità massima.

LED luminaire for general lighting with a signature minimalist and compact design, to be installed on ceilings by means of suspension. Power source included in installation kits must be ordered separately, allowing the maximum brightness to be selected.

- 3000K**
- 03.9570.40
  - 03.9570.02
  - 03.9570.14
  - 03.9570.ET
  - 03.9570.EU



- 4000K**
- 03.9571.40
  - 03.9571.02
  - 03.9571.14
  - 03.9571.ET
  - 03.9571.EU



# SUPER LINE & PRO

## Accessori / Accessories

Le versioni non dimmerabili di Super Line e Super Line Pro Down sono equipaggiate con un'alimentazione di corrente multipla che può essere configurata durante l'installazione dell'apparecchio per adattare le condizioni di illuminazione e il livello di comfort visivo richiesti. Il kit di installazione viene fornito dalla fabbrica al 100% della potenza nominale (1050 mA). Super Line Pro soddisfa in tutte le sue versioni e a massima potenza i parametri di UGR<19 e L65°<3000 cd.

The non-adjustable versions of Super Line and Super Line Pro Down are equipped with a multi-current driver, that can be set during the installation in order to achieve the required illumination conditions and comfort levels. Installation kits come from factory at 100% of their nominal power (1050 mA). At maximum power, all versions of Super Line Pro comply with the requirements UGR<19 and L 65°<3000 cd.

### Super Line

Driver setting	Light emission	Indirect		Direct	
		UGR*	L 65° < 3000 cd	UGR*	L 65° < 3000 cd
1050 mA	100%	UGR < 19			
850 mA	80%	UGR < 19			
700 mA	70%	UGR < 19			
550 mA	55%	UGR < 19	√		
500 mA	50%	UGR < 19	√	UGR < 19	√
350 mA	36%	UGR < 19	√	UGR < 19	√

\*X=4H, Y=8H, S=0.25H, reflections 70/50/20

### Super Line Pro

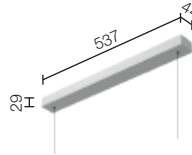
Light emission	UGR*	L 65° < 3000 cd
Up & Down Majority Up	UGR < 14	√
Up & Down Majority Down	UGR < 17	√
Down	UGR < 18	√

### Super Line / Super Line Pro Down

#### Surface Power Supply Kit

Comprende fonte di alimentazione 60W - 220/240V. I Kit per Super Line e Super Line Pro Down dispongono di driver con dip-switch per selezionare l'intensità massima richiesta.

60W - 220/240V power supply included. Kits for Super Line and Super Line Pro Down are equipped with a dip-switch driver to select the maximum intensities.



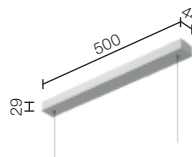
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  - 08.0520.02A
  - 08.0520.14A
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  - 08.0520.EUA
- Dali Version
- 08.0521.40A
  - 08.0521.02A
  - 08.0521.14A
  - 08.0521.ETA
  - 08.0521.EUA

### Super Line Pro Up&Down

#### Surface Power Supply Kit

Include driver 85W - 220/240V. I Kit per Super Line Pro Up&Down dispongono di due uscite per permettere di scegliere quale emissione (Up o Down) disporrà di un'intensità maggiore.

85W - 220/240V power supply included. Kits for Super Line Pro Up&Down are equipped with two outputs to select which part (Up or Down) is brighter.



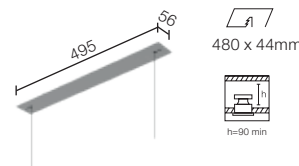
- Non Dimmable / Dali Version
- 08.0640.40
  - 08.0640.02
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  - 08.0640.ET
  - 08.0640.EU

### Super Line / Super Line Pro Down

#### Recessed Power Supply Kit

Comprende fonte di alimentazione 60W - 220/240V. I Kit per Super Line e Super Line Pro Down dispongono di driver con dip-switch per selezionare l'intensità massima richiesta.

60W - 220/240V power supply included. Kits for Super Line and Super Line Pro Down are equipped with a dip-switch driver to select the maximum intensities.



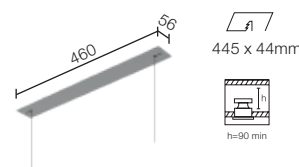
- Non Dimmable
- 08.0522.40A
  - 08.0522.02A
  - 08.0522.14A
  - 08.0522.ETA
  - 08.0522.EUA
- Dali Version
- 08.0523.40A
  - 08.0523.02A
  - 08.0523.14A
  - 08.0523.ETA
  - 08.0523.EUA

### Super Line Pro Up&Down

#### Recessed Power Supply Kit

Include driver 85W - 220/240V. I Kit per Super Line Pro Up&Down dispongono di due uscite per permettere di scegliere quale emissione (Up o Down) disporrà di un'intensità maggiore.

85W - 220/240V power supply included. Kits for Super Line Pro Up&Down are equipped with two outputs to select which part (Up or Down) is brighter.



- Non Dimmable / Dali Version
- 08.0641.40
  - 08.0641.02
  - 08.0641.14
  - 08.0641.ET
  - 08.0641.EU

# SUPER LINE&PRO

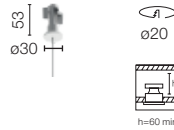
## Accessori / Accessories

### Super Line / Super Line Pro Down

#### Remote Power Supply Kit

Fornito con due kit sospensione e una fonte di alimentazione a 60W - 220/240V. I Kit per Super Line e Super Line Pro Down dispongono di driver con dip-switch per selezionare l'intensità massima richiesta.

Includes two suspension kits and a 60W - 220/240V power supply. Kits for Super Line and Super Line Pro Down are equipped with a dip-switch to select the maximum intensities.



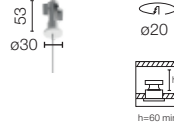
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	08.0524.14
	08.0524.ET
	08.0524.EU
Dali Version	
	08.0525.40A
	08.0525.02A
	08.0525.14A
	08.0525.ETA
	08.0525.EUA

### Super Line Pro Up&Down

#### Remote Power Supply Kit

Fornito con due kit di sospensione e due fonte di alimentazione da 45W - 220/240V. I Kit per Super Line Pro Up&Down dispongono di due uscite per permettere di scegliere quale emissione (Up o Down) disporrà di un'intensità maggiore.

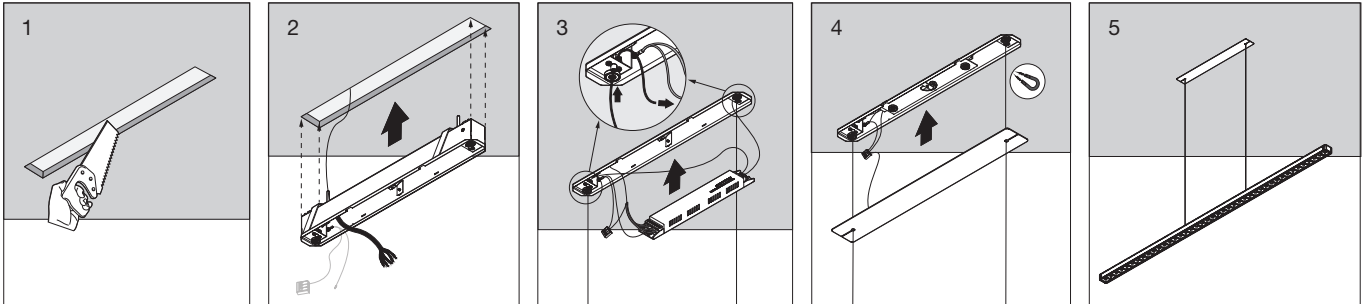
Includes two suspension kits and two 45W - 220/240V power supplies. Kits for Super Line Pro Up&Down are equipped with two outputs to select which part (Up or Down) is brighter.



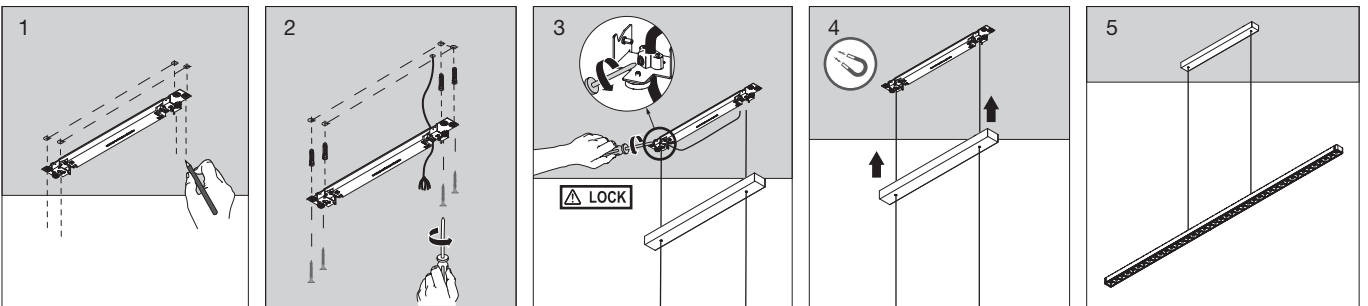
Non Dimmable / Dali Version	
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	08.0642.14
	08.0642.ET
	08.0642.EU

## Installation Sequence

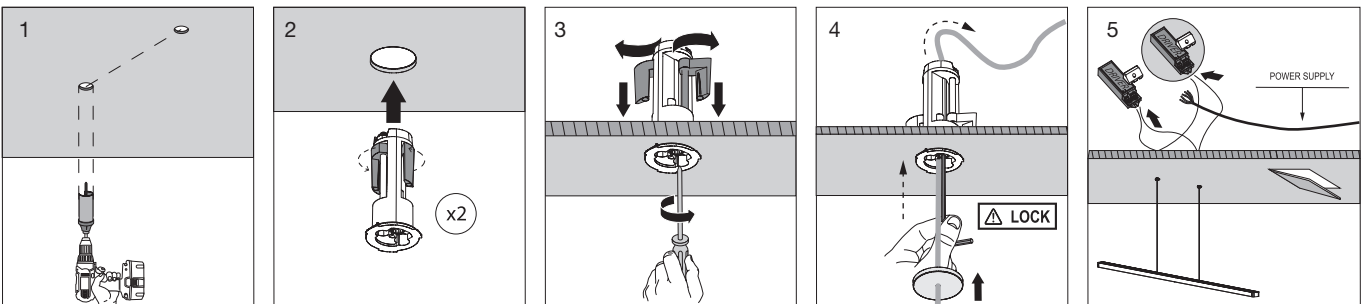
### Recessed Power Supply Kit

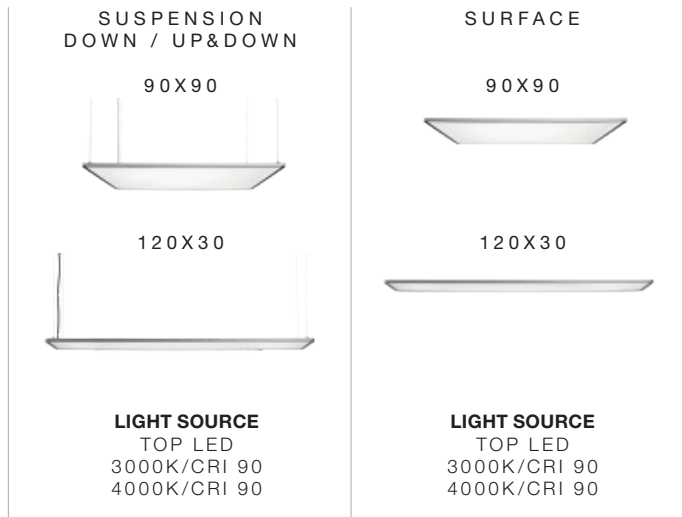


### Surface Power Supply Kit



### Remote Power Supply Kit





30 Bianco  
30 White



## Descrizione

Famiglia di apparecchi di illuminazione generale a luce diretta e indiretta. La famiglia Super Flat è disponibile in due versioni: a forma quadrata e a forma rettangolare, entrambe in alluminio estruso e con angolari in alluminio ad iniezione.

Super Flat dispone di guide appositamente progettate per garantire un flusso luminoso ottimale e un grande comfort visivo. L'efficienza di questo innovativo sistema di illuminazione permette di ridurre al minimo le perdite di energia.

Per una maggiore versatilità del prodotto, tutta la famiglia Super Flat è stata sviluppata in versioni a sospensione e a plafone.

## Unità di Alimentazione

L'apparecchio di illuminazione viene fornito con gli alimentatori a corrente costante 220/240V compresi.

## Informazioni Aggiuntive

- Versione 30x30:  
Classe d'isolation II, Grado di protezione IP20.
- Versioni 60x60/90x90/120x20/120x30:  
Classe d'isolation I, Grado di protezione IP20.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Family of general lighting luminaires with direct and indirect light distribution. The Super Flat family has several square and rectangular versions, all of which are made of extruded aluminium and with angle brackets made of injected aluminium.

Super Flat has some especially designed guides, guaranteeing optimal light flow and great visual comfort. Energy losses are minimised with this efficient and innovative lighting system.

The entire Super Flat family has been developed in suspended and surface mounted versions for greater product versatility.

## Power Supply

The luminaire is supplied with integrated 220/240 V constant current power supply sources.

## Additional Information

- Version 30x30:  
Insulation class II, IP20 protection grade.
- Versions 60x60/90x90/120x20/120x30:  
Insulation class I, IP20 protection grade.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

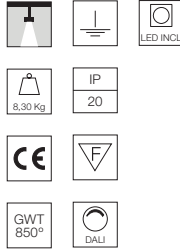
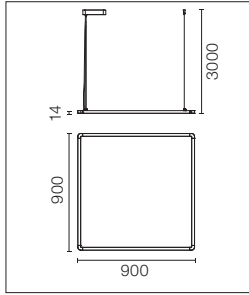


reddot design award  
winner 2013

# SUPER FLAT

## Super Flat Suspension 90x90 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Apparecchio LED di illuminazione generale da installare a soffitto mediante sospensione. Alimentatore 220/240V compreso.

General lighting LED luminaire to be suspended from ceiling. Power supply 220/240V included.

**3000K**  
Light Source:  
Max. 6964 lm.  
Efficienza dell'apparecchio:  
Max. 138 lm/W

**4000K**  
Light Source:  
Max. 7660 lm.  
Efficienza dell'apparecchio:  
Max. 151 lm/W.

**3000K**  
Light Source:  
Max. 6964 lm.  
Luminous efficiency of luminaire:  
Max. 138 lm/W

**4000K**  
Light Source:  
Max. 7660 lm.  
Luminous efficiency of luminaire:  
Max. 151 lm/W.

Consumo totale del sistema:  
55W.

Total consumption of the system:  
55W.

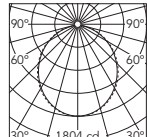
### 3000K

Non Dimmable

09.5020.30B

Dali Version

09.5020.30BDA



Beam Angle: 104°

h(m)	E(lx)	D(m)
1	1804	2.58
2	451	5.15
3	200	7.73
4	113	10.31
5	72	12.88

Luminous flux luminaire  
4802 lm (EXTREME CUT OFF)

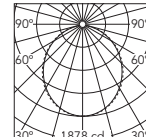
### 4000K

Non Dimmable

09.5021.30B

Dali Version

09.5021.30BDA



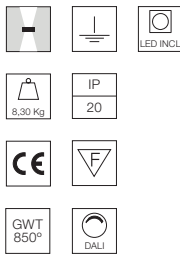
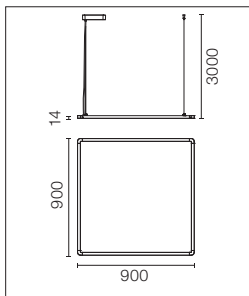
Beam Angle: 104°

h(m)	E(lx)	D(m)
1	1878	2.58
2	469	5.15
3	209	7.73
4	117	10.31
5	75	12.88

Luminous flux luminaire  
4998 lm (EXTREME CUT OFF)

## Super Flat Suspension 90x90 Up&Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Apparecchio LED di illuminazione generale indiretta e diretta da installare a soffitto mediante sospensione. Alimentatore 220/240V compreso.

General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply 220/240V included.

**3000K**  
Light Source:  
Up: Max. 3482 lm.  
Down: Max. 3482 lm.  
Efficienza dell'apparecchio:  
Max. 138 lm/W

**4000K**  
Light Source:  
Up: Max. 3830 lm.  
Down: Max. 3830 lm.  
Efficienza dell'apparecchio:  
Max. 151 lm/W.

**3000K**  
Light Source:  
Up: Max. 3482 lm.  
Down: Max. 3482 lm.  
Luminous efficiency of luminaire:  
Max. 138 lm/W

**4000K**  
Light Source:  
Up: Max. 3830 lm.  
Down: Max. 3830 lm.  
Luminous efficiency of luminaire:  
Max. 151 lm/W.

Consumo totale del sistema:  
55W.

Total consumption of the system:  
55W.

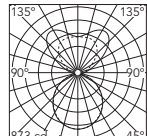
### 3000K

Non Dimmable

09.5025.30B

Dali Version

09.5025.30BDA



Beam Angle DIR: 108°

h(m)	E(lx)	D(m)
1	873	2.75
2	218	5.49
3	97	8.24
4	55	10.98
5	35	13.73

Luminous flux luminaire  
4450 lm (EXTREME CUT OFF)

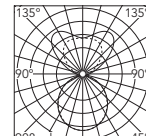
### 4000K

Non Dimmable

09.5026.30B

Dali Version

09.5026.30BDA



Beam Angle DIR: 108°

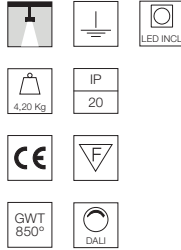
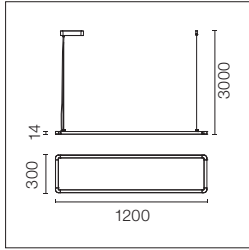
h(m)	E(lx)	D(m)
1	908	2.75
2	227	5.49
3	101	8.24
4	57	10.98
5	36	13.73

Luminous flux luminaire  
4631 lm (EXTREME CUT OFF)

# SUPER FLAT

## Super Flat Suspension 120x30 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Apparecchio LED di illuminazione generale da installare a soffitto mediante sospensione. Alimentatore 220/240V compreso.

General lighting LED luminaire to be suspended from ceiling. Power supply 220/240V included.

**3000K**  
Light Source:  
Max. 6964 lm.  
Efficienza dell'apparecchio:  
Max. 138 lm/W

**4000K**  
Light Source:  
Max. 7660 lm.  
Efficienza dell'apparecchio:  
Max. 151 lm/W.

**3000K**  
Light Source:  
Max. 6964 lm.  
Luminous efficiency of luminaire:  
Max. 138 lm/W

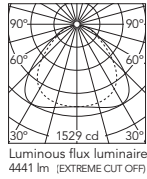
**4000K**  
Light Source:  
Max. 7660 lm.  
Luminous efficiency of luminaire:  
Max. 151 lm/W.

Consumo totale del sistema:  
56W.

Total consumption of the system:  
56W.

**3000K**  
Non Dimmable  
 09.5040.30B

Dali Version  
 09.5040.30BDA

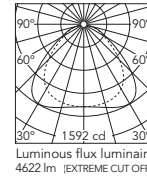


Beam Angle: 105°

h(m)	E(lx)	D(m)
1	1529	2.62
2	382	5.25
3	170	7.87
4	96	10.49
5	61	13.12

**4000K**  
Non Dimmable  
 09.5041.30B

Dali Version  
 09.5041.30BDA

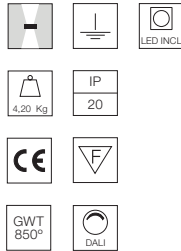
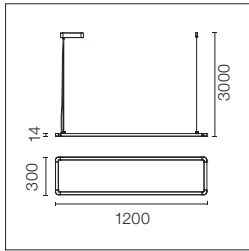


Beam Angle: 105°

h(m)	E(lx)	D(m)
1	1592	2.62
2	398	5.25
3	177	7.87
4	99	10.49
5	64	13.12

## Super Flat Suspension 120x30 Up&Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Apparecchio LED di illuminazione generale indiretta e diretta da installare a soffitto mediante sospensione. Alimentatore 220/240V compreso.

General lighting LED luminaire, direct and indirect beam, to be suspended from ceiling. Power supply 220/240V included.

**3000K**  
Light Source:  
Up: Max. 3482 lm.  
Down: Max. 3482 lm.  
Efficienza dell'apparecchio:  
Max. 138 lm/W

**4000K**  
Light Source:  
Up: Max. 3830 lm.  
Down: Max. 3830 lm.  
Efficienza dell'apparecchio:  
Max. 151 lm/W

**3000K**  
Light Source:  
Up: Max. 3482 lm.  
Down: Max. 3482 lm.  
Luminous efficiency of luminaire:  
Max. 138 lm/W

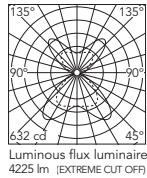
**4000K**  
Light Source:  
Up: Max. 3830 lm.  
Down: Max. 3830 lm.  
Luminous efficiency of luminaire:  
Max. 151 lm/W

Consumo totale del sistema:  
56W.

Total consumption of the system:  
56W.

**3000K**  
Non Dimmable  
 09.5045.30B

Dali Version  
 09.5045.30BDA

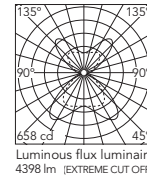


Beam Angle DIR: 109°

h(m)	E(lx)	D(m)
1	632	2.82
2	158	5.64
3	70	8.46
4	40	11.27
5	25	14.09

**4000K**  
Non Dimmable  
 09.5046.30B

Dali Version  
 09.5046.30BDA



Beam Angle DIR: 109°

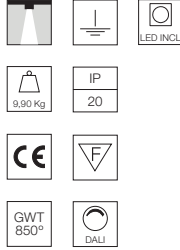
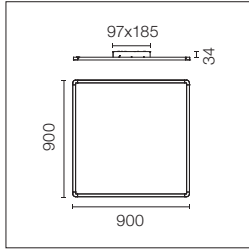
h(m)	E(lx)	D(m)
1	658	2.82
2	165	5.64
3	73	8.46
4	41	11.27
5	26	14.09



# SUPER FLAT

## Super Flat Surface 90x90 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Apparecchio LED di illuminazione generale da installare a soffitto mediante sospensione. Alimentatore 220/240V compreso.

Surface mounted general lighting LED luminaire. Power supply 220/240V included.

### 3000K

Light Source:  
Max. 6964 lm.  
Efficienza dell'apparecchio:  
Max. 138 lm/W

### 4000K

Light Source:  
Max. 7660 lm.  
Efficienza dell'apparecchio:  
Max. 151 lm/W.

### 3000K

Light Source:  
Max. 6964 lm.  
Luminous efficiency of luminaire:  
Max. 138 lm/W

### 4000K

Light Source:  
Max. 7660 lm.  
Luminous efficiency of luminaire:  
Max. 151 lm/W.

Consumo totale del sistema:  
55W.

Total consumption of the system:  
55W.

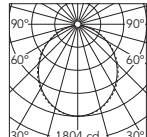
### 3000K

Non Dimmable

09.6020.30B

Dali Version

09.6020.30BDA



Beam Angle: 104°

h(m)	E(lx)	D(m)
1	1804	2.58
2	451	5.15
3	200	7.73
4	113	10.31
5	72	12.88

Luminous flux luminaire  
4802 lm (EXTREME CUT OFF)

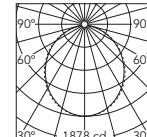
### 4000K

Non Dimmable

09.6021.30B

Dali Version

09.6021.30BDA



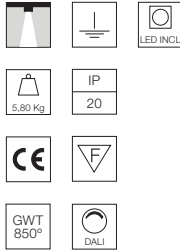
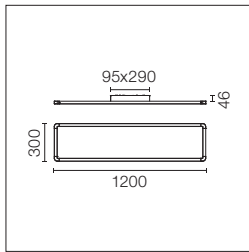
Beam Angle: 104°

h(m)	E(lx)	D(m)
1	1878	2.58
2	469	5.15
3	209	7.73
4	117	10.31
5	75	12.88

Luminous flux luminaire  
4998 lm (EXTREME CUT OFF)

## Super Flat Surface 120x30 Down

Light Source: Top LED 3000K/CRI 90 / 4000K/CRI 90



Apparecchio LED di illuminazione generale da installare a soffitto. Alimentatore 220/240V compreso.

Surface mounted general lighting LED luminaire. Power supply 220/240V included.

### 3000K

Light Source:  
Max. 6964 lm.  
Efficienza dell'apparecchio:  
Max. 138 lm/W

### 4000K

Light Source:  
Max. 7660 lm.  
Efficienza dell'apparecchio:  
Max. 151 lm/W.

### 3000K

Light Source:  
Max. 6964 lm.  
Luminous efficiency of luminaire:  
Max. 138 lm/W

### 4000K

Light Source:  
Max. 7660 lm.  
Luminous efficiency of luminaire:  
Max. 151 lm/W.

Consumo totale del sistema:  
56W.

Total consumption of the system:  
56W.

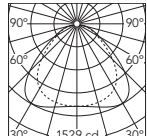
### 3000K

Non Dimmable

09.6040.30B

Dali Version

09.6040.30BDA



Beam Angle: 105°

h(m)	E(lx)	D(m)
1	1529	2.62
2	382	5.25
3	170	7.87
4	96	10.49
5	61	13.12

Luminous flux luminaire  
4441 lm (EXTREME CUT OFF)

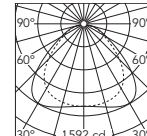
### 4000K

Non Dimmable

09.6041.30B

Dali Version

09.6041.30BDA



Beam Angle: 105°

h(m)	E(lx)	D(m)
1	1592	2.62
2	398	5.25
3	177	7.87
4	99	10.49
5	64	13.12

Luminous flux luminaire  
4622 lm (EXTREME CUT OFF)

# LIGHT BELL

DESIGNED BY PIERO LISSONI



**LIGHT SOURCE**  
LED ARRAY  
55W  
6388 lm  
2700K/CRI 90  
6714 lm  
3000K/CRI 90



□ 70 Bianco Opaco  
70 Matte White

Internal Finish

■ Alluminio Anodizzato  
Anodized Aluminium



■ AN Nero Anodizzato  
AN Anodized Black

■ Oro  
Gold



■ AP Alluminio Lucido  
AP Polished Aluminium

■ Alluminio Anodizzato  
Anodized Aluminium



□ 76 Vetro Trasparente  
76 Transparent Glass



■ CE Cemento  
CE Concrete

# LIGHT BELL

## Descrizione

Apparecchio di illuminazione generale a sospensione da installare in interni. Dispone di sorgente luminosa LED di ultima generazione ad alta efficienza e diffusore in termoplastica tecnica a basse perdite. Il riflettore dell'apparecchio viene fornito separatamente ed è disponibile in alluminio spazzolato in varie decorazioni e in vetro trasparente. Alimentatore integrato nel corpo dell'apparecchio.

## Unità di Alimentazione

Alimentatore a corrente costante 220/240V integrato.

## Informazioni Aggiuntive

Disponibile in versioni Dali, e Dimmerabile Push.  
Grado di protezione IP20.  
Classe di isolamento I.  
Dissipatore tipo pin-block.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Suspended general lighting luminaire for indoor mounting. It has a high efficiency latest generation LED light source and a low-loss technical thermoplastic diffuser. The reflector is supplied separately and is available in spun aluminium with different patterns, and in transparent glass, depending on the versions. Power supply source integrated into luminaire housing.

## Power Supply

Integrated 220/240V constant voltage power supply source.

## Additional Information

Available in Dali, and Dimmable Push versions.  
IP20 protection grade.  
Insulation class I.  
Pin-block type dissipater.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

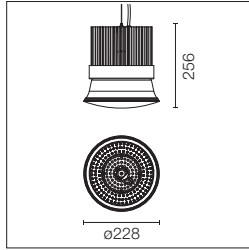
EN60598-1 European Technical Standards and any subsequent additions.



# LIGHT BELL

## Light Bell Light Source

Light Source: LED Array 55W - 6388 lm - 2700K/CRI 90 / 55W - 6714 lm - 3000K/CRI 90



Apparecchio di illuminazione a LED per installazione a sospensione (massima distanza dal soffitto 4 metri). Alimentatore 220/240V integrato nel corpo dell'apparecchio. Riflettore non compreso, viene fornito separatamente. Contattateci per IP superiori. Fornito con cavo di sospensione di 4m. Con diffusore di vetro, altezza massima da terra: 5 cm.

Suspended luminaire for mounting on the ceiling with LED light source. (4 metres maximum distance to ceiling). Power supply source 220/240V integrated into luminaire housing. Reflector not included; supplied separately. Please ask us for a higher IP. Includes a 4-meter suspension cable. With glass screen, maximum height from the ground: 5 cm.

### 2700K

Non Dimmable

■ 07.9641.14A

Dimmable Dali

■ 07.9641.14ADA

### 3000K

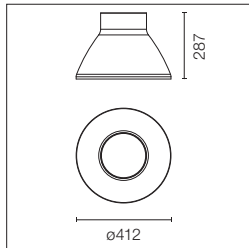
Non Dimmable

■ 07.9642.14A

Dimmable Dali

■ 07.9642.14ADA

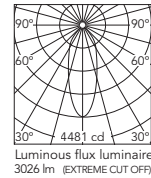
## Light Bell Reflector



□ 07.9630.70

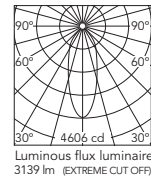


E I **2700K**  
□ 07.9630.70  
+  
07.9641.14A



Beam Angle: 37°

E I **3000K**  
□ 07.9630.70  
+  
07.9642.14A



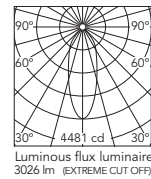
Beam Angle: 37°



■ 07.9630.AP

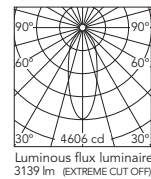


E I **2700K**  
■ 07.9630.AP  
+  
07.9641.14A



Beam Angle: 37°

E I **3000K**  
■ 07.9630.AP  
+  
07.9642.14A



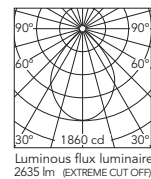
Beam Angle: 37°



■ 07.9630.AN

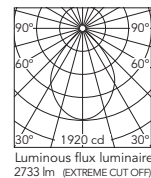


E I **2700K**  
■ 07.9630.AN  
+  
07.9641.14A



Beam Angle: 78°

E I **3000K**  
■ 07.9630.AN  
+  
07.9642.14A



Beam Angle: 78°

E= Finitura Esterna  
I= Finitura Interna

E= External Finish  
I= Internal Finish

# LIGHT BELL

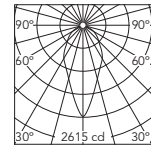
## Light Bell Reflector



07.9630.76



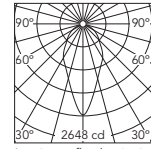
**2700K**  
07.9630.76  
+  
07.9641.14A



Beam Angle: 46°

h(m)	E(lx)	D(m)
1	2615	0.81
2	654	1.63
3	291	2.44
4	163	3.26
5	105	4.07

**3000K**  
07.9630.76  
+  
07.9642.14A



Beam Angle: 46°

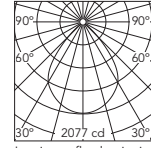
h(m)	E(lx)	D(m)
1	2648	0.85
2	662	1.71
3	294	2.56
4	166	3.41
5	106	4.27



07.9630.CE



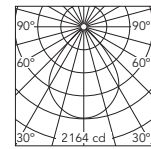
**2700K**  
07.9630.CE  
+  
07.9641.14A



Beam Angle: 79°

h(m)	E(lx)	D(m)
1	2077	1.66
2	519	3.32
3	231	4.97
4	130	6.63
5	83	8.29

**3000K**  
07.9630.CE  
+  
07.9642.14A



Beam Angle: 79°

h(m)	E(lx)	D(m)
1	2164	1.66
2	541	3.32
3	240	4.97
4	135	6.63
5	87	8.29

### Accessori / Accessories

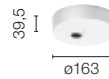
Rosone di alimentazione per interni. IP20. Rosette for indoors. IP20.

\* La versione DALI F0557020 viene fornita con cavo di 4m, 5 poli e sezione 0,75mm<sup>2</sup>.  
\* The F0557020 Dali version has a 4-meter cable, 5 poles and a 0.75mm<sup>2</sup> section.

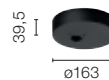


Non Dimmable  
F0556020  
Dimmable Push/\*\*Dali  
F0557020

Rosone di alimentazione. IP20. Rosette. IP20.



08.8775.40



08.8775.14

# FORT KNOX WALL

DESIGNED BY PHILIPPE STARCK

## FORT KNOX WALL



### LIGHT SOURCE

POWER LED  
35W  
3715 lm  
2700K/CRI 90  
3900 lm  
3000K/CRI 90  
3774 lm  
4000K/CRI 90

## FORT KNOX WALL MINI



### LIGHT SOURCE

POWER LED  
25W  
2329 lm  
2700K/CRI 90  
2718 lm  
3000K/CRI 90  
2658 lm  
4000K/CRI 90

□ 40 Bianco  
40 White

■ 05 Alluminio Lucido  
05 Polished Aluminium

■ 14 Nero/RAL 9005  
14 Black



### Descrizione

Apparecchio di illuminazione per installazione a parete a luce indiretta.

Corpo in lega di alluminio pressofuso con finitura lucida a mano protetta con vernice liquida trasparente o verniciato a polvere bianco o nero opaco.

Supporto a parete in alluminio pressofuso. Grazie al suo innovativo design, questo supporto permette la regolazione sia in orizzontale che in verticale, fino a 10 mm, garantendone la perfetta installazione su qualsiasi superficie. Inoltre, il prodotto viene fornito con una livella a bolla che permette di calibrare perfettamente l'apparecchio.

### Riflettori

Lente asimmetrica che permette, grazie al design perfettamente adattato, un'efficienza massima dell'apparecchio di illuminazione oltre a una perfetta distribuzione della luce.

### Unità di Alimentazione

Fonte di alimentazione Non Dimmable, Dimmable 1-10V o Dimmable Dali incorporata nel blocco principale dell'apparecchio di illuminazione.

### Informazioni aggiuntive

Grado di protezione IP20.  
Classe di isolamento I.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

### Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

### Description

Luminaire for wall application designed for indirect lighting.

Die-cast aluminium alloy body with hand polished finish and protected with transparent liquid paint, or powder-coated white or matte black.

Wall support made in injected aluminium. Thanks to its innovative design, this holder allows both horizontal and vertical regulation up to 10 mm, ensuring a perfect installation on any type of surface. Additionally, this product includes a spirit level, allowing a perfect luminaire calibration.

### Reflectors

Thanks to its adapted design, the asymmetrical lens allow luminaire's maximum efficiency and optimal light distribution.

### Power Supply

Non Dimmable, Dimmable 1-10V or Dimmable Dali power source incorporated in the luminaire body.

### Additional Information

IP20 protection grade.  
Insulation class I.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

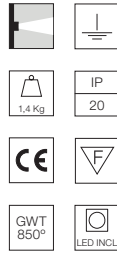
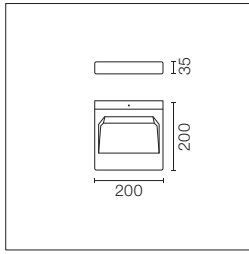
### Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

# FORT KNOX WALL

## Fort Knox Wall

**Light Source:** Power LED 35W - 3715 lm - 2700K/CRI 90 / 3900 lm - 3000K/CRI 90 / 3774 lm - 4000K/CRI 90



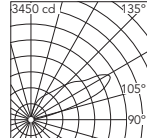
Apparecchio di illuminazione LED a parete per luce indiretta. Fonte di alimentazione 220-240V incorporata nella struttura dell'apparecchio.

Wall-mounted LED luminaire for indirect lighting. Power source 220-240V incorporated into luminaire's body.

### 2700K

Dimmable 1-10V

- 09.2111.40C
- 09.2111.05C
- 09.2111.14C
- Dali Version
- 09.2111.40CDA
- 09.2111.05CDA
- 09.2111.14CDA



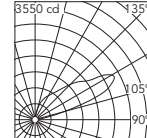
Beam Angle: 30°

h(m)	E(lx)	D(m)
1	681	2.24
2	170	4.49
3	76	6.73
4	43	8.97
5	27	11.21

### 3000K

Dimmable 1-10V

- 09.2110.40C
- 09.2110.05C
- 09.2110.14C
- Dali Version
- 09.2110.40CDA
- 09.2110.05CDA
- 09.2110.14CDA



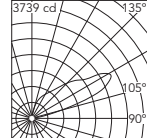
Beam Angle: 30°

h(m)	E(lx)	D(m)
1	700	2.24
2	175	4.49
3	78	6.73
4	44	8.97
5	28	11.21

### 4000K

Dimmable 1-10V

- 09.2112.40C
- 09.2112.05C
- 09.2112.14C
- Dali Version
- 09.2112.40CDA
- 09.2112.05CDA
- 09.2112.14CDA

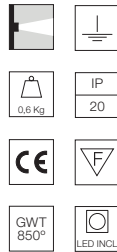
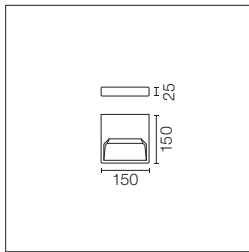


Beam Angle: 30°

h(m)	E(lx)	D(m)
1	738	2.24
2	184	4.49
3	82	6.73
4	46	8.97
5	30	11.21

## Fort Knox Wall Mini

**Light Source:** Power LED 25W - 2329 lm - 2700K/CRI 90 / 2718 lm - 3000K/CRI 90 / 2658 lm - 4000K/CRI 90



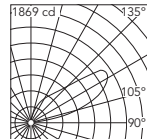
Apparecchio di illuminazione LED a parete per luce indiretta. Fonte di alimentazione 220-240V incorporata nella struttura dell'apparecchio.

Wall-mounted LED luminaire for indirect lighting. Power source 220-240V incorporated into luminaire's body.

### 2700K

Non Dimmable

- 09.2126.40B
- 09.2126.05B
- 09.2126.14B
- Dali Version
- 09.2126.40BDA
- 09.2126.05BDA
- 09.2126.14BDA



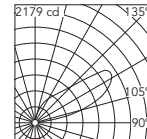
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	394	2.88
2	98	5.75
3	44	8.63
4	25	11.50
5	16	14.38

### 3000K

Non Dimmable

- 09.2125.40B
- 09.2125.05B
- 09.2125.14B
- Dali Version
- 09.2125.40BDA
- 09.2125.05BDA
- 09.2125.14BDA



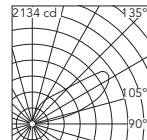
Beam Angle: 33°

h(m)	E(lx)	D(m)
1	459	2.88
2	115	5.75
3	51	8.63
4	29	11.50
5	18	14.38

### 4000K

Non Dimmable

- 09.2127.40B
- 09.2127.05B
- 09.2127.14B
- Dali Version
- 09.2127.40BDA
- 09.2127.05BDA
- 09.2127.14BDA



Beam Angle: 33°

h(m)	E(lx)	D(m)
1	449	2.88
2	112	5.75
3	50	8.63
4	28	11.50
5	18	14.38

# THIN LED

DESIGNED BY FLOS ARCHITECTURAL



**LIGHT SOURCE**  
TOP LED  
20W/m  
24V  
1822 lm/m  
3000K/CRI 90

30 Bianco  
30 White

29 Alluminio Anodizzato  
29 Anodized Aluminium

BZ Bronzo Anodizzato  
BZ Anodized Bronze



Modello brevettato e registrato / Patented and registered model.

## Descrizione

Apparecchio d'illuminazione a parete per illuminazione indiretta. Corpo in alluminio anodizzato con riflettore ottico interno in alluminio extra-puro. Facilissimo da installare ed estremamente versatile. Il circuito stampato è formato da moduli articolati con connettore doppio tramite contatti in argento. Tale caratteristica garantisce un'alimentazione di potenza sicura evitando i danni che potrebbero essere provocati durante la fase di installazione. Il LED utilizzato, con un passo molto ridotto ed una emissione a 120° insieme al sistema di riflessione, garantisce una prestazione molto elevata ed una illuminazione uniforme. Grazie al sistema di controllo dell'emissione luminosa brevettato, le prestazioni dell'accessorio luminoso sono veramente notevoli con una distribuzione luminosa ottimizzata molto confortevole.

## Unità di Alimentazione

Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

## Informazioni Aggiuntive

Moduli LED: 404 mm - 1201 mm - 1034 mm - 2040 mm - 2541 mm - 3042 mm.  
Modulo cieco: 1034 mm.  
Lunghezza di collegamento max. 3044 mm.  
Coperture laterali incluse.  
Grado di protezione IP20.  
Classe di isolamento III.  
Installabile su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Wall application luminaire for indirect lighting. Anodised aluminium housing with internal super-pure optical aluminium reflector. Very easy to install and extremely versatile. The printed circuit is made of jointed modules with double connector through silver contacts. This ensure a safe power supply avoiding damages which could be caused during assembling phase. The utilized LED, with a very tight pitch and a 120° emission, together with the reflection system, grant a very high and even lighting emission performance. Thanks to a patented light emission control system, the light fitting performance is really high, with an optimized and very comfortable light distribution.

## Power Supply

Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

## Additional Information

Led modules: 404 mm - 1201 mm - 1034 mm - 2040 mm - 2541 mm - 3042 mm.  
Blind module: 1034 mm.  
Max connection length 3044 mm.  
Side covers included.  
IP20 protection grade.  
Classe d'isolation III.  
Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.



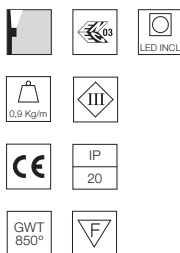
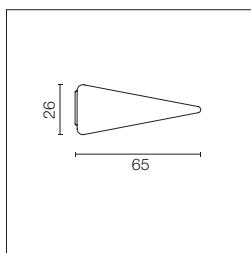
718



# THIN LED

## Thin LED

**Light Source:** Top LED 20W/m - 24V - 1822 lm/m - 3000K/CRI 90



Apparecchio di illuminazione a parete per illuminazione indiretta a LED. Driver remoto non incluso.

Wall application luminaire for indirect lighting with LED. Remote transformer not included.

Alimentazioni raccomandate / Recommended power supply\*:

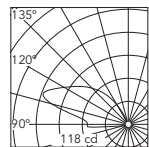
Non Dimmable	60.9705 (60W)	404/1034/1201/2040/2541mm
Non Dimmable	60.9777 (120W)	3042mm
Dimmable 1-10V	60.9681 (120W)	
Dim DALI	60.9880 (120W)	
Casambi	60.9683 (120W)	
Mais Dimming	60.9881 (60W)	404/1034/1201/2040/2541mm

\* Vedi capitolo Drivers / Refer to the Drivers chapter

### L: 404 mm

6,8W - 711 lm - 16 LEDs

- 09.0045.30B
- 09.0045.29B
- 09.0045.BZB



Beam Angle: 101°

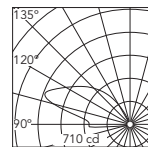
h(m)	E(lx)	D(m)
1	118	6.46
2	30	12.92
3	13	19.38
4	7	25.84
5	5	32.30

Luminous flux luminaire  
621 lm

### L: 2040 mm

41W - 4266 lm - 84 LEDs

- 09.0101.30B
- 09.0101.29B
- 09.0101.BZB



Beam Angle: 101°

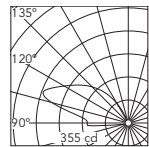
h(m)	E(lx)	D(m)
1	710	6.46
2	178	12.92
3	79	19.38
4	44	25.84
5	28	32.30

Luminous flux luminaire  
3726 lm

### L: 1034 mm

20,5W - 2133 lm - 42 LEDs

- 09.0100.30B
- 09.0100.29B
- 09.0100.BZB



Beam Angle: 101°

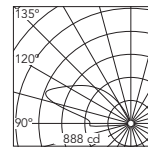
h(m)	E(lx)	D(m)
1	355	6.46
2	89	12.92
3	39	19.38
4	22	25.84
5	14	32.30

Luminous flux luminaire  
1863 lm

### L: 2541 mm

47,8W - 5250 lm - 105 LEDs

- 09.0102.30B
- 09.0102.29B
- 09.0102.BZB



Beam Angle: 101°

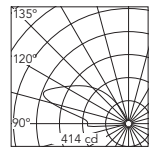
h(m)	E(lx)	D(m)
1	888	6.46
2	222	12.92
3	99	19.38
4	55	25.84
5	36	32.30

Luminous flux luminaire  
4657 lm

### L: 1201 mm

23,9W - 2450 lm - 55 LEDs

- 09.0120.30B
- 09.0120.29B
- 09.0120.BZB



Beam Angle: 101°

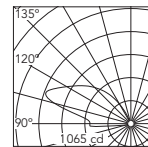
h(m)	E(lx)	D(m)
1	414	6.46
2	104	12.92
3	46	19.38
4	26	25.84
5	17	32.30

Luminous flux luminaire  
2173 lm

### L: 3042 mm

61,5W - 6399 lm - 126 LEDs

- 09.0103.30B
- 09.0103.29B
- 09.0103.BZB



Beam Angle: 101°

h(m)	E(lx)	D(m)
1	1065	6.46
2	266	12.92
3	118	19.38
4	67	25.84
5	43	32.30

Luminous flux luminaire  
5588 lm

### L: 1034 mm BLIND\*

- 09.0104.30A
- 09.0104.29A
- 09.0104.BZA

\* Per creare linee continue di profili / To create continuous profile lines.



**LIGHT SOURCE**  
TOP LED  
1,2W  
96 lm  
3000K/CRI 90

□ 30 Bianco  
30 White



■ 29 Alluminio  
Anodizzato  
29 Anodized  
Aluminium



■ 55 Acciaio  
Inossidabile  
55 Stainless  
Steel



■ BZ Bronzo  
BZ Bronze



■ AN Nero  
Anodizzato  
AN Anodized  
Black



Colori Della Luce  
Light Colours

□ Luce Bianca  
White Light



■ Luce Ambra  
Amber Light



#### Descrizione

Apparecchio di illuminazione predisposto per installazione ad incasso per interni in tutte le finiture, salvo la finitura in acciaio inossidabile che è anche adatto per esterni.

Disponibile con fonte di illuminazione LED di ultima generazione adatto per rispondere alle diverse esigenze di illuminazione delle aree di passaggio o delle scale. Il diffusore interno è disponibile in varie colori. Il corpo dell'apparecchio è realizzato in alluminio, acciaio inossidabile o bronzo lavorato.

#### Unità di Alimentazione

Fonte di alimentazione a tensione costante esclusa, disponibile come accessorio.

È possibile installare fino a 6 o 15 G-O con le fonti di alimentazione raccomandate.

#### Accessori

E' previsto un accessorio da incasso per pareti in muratura realizzato in alluminio estruso.

#### Informazioni Aggiuntive

Grado di protezione IP65.

Classe di isolamento III.

Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

#### Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

#### Description

Embedded light fixture for indoor use in all its finishes, except stainless steel which is suitable for outdoor use.

Available with next-generation LED light source, suitable for responding to diverse signalling needs on pathways or stairways. Available in different light shades, through coloured internal diffuser. Light body made of aluminium, stainless steel or machined bronze.

#### Power Supply

Constant voltage power supply not included, available as an accessory.

Up to 6 or 15 G-O can be installed with the recommended power sources.

#### Accessories

With extruded aluminium accessories for embedding in concrete walls.

#### Additional Information

IP65 protection grade.

Insulation class III.

Suitable for installation on normally inflammable surfaces.

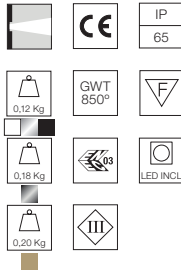
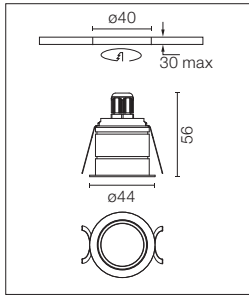
Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

#### Standard Compliance and Quality Marks

EN60598-1 European Technical Standards and any subsequent additions.

G-O

Light Source: Top LED 1,2W - 24V - 96 lm - 3000K/CRI 90



Apparecchio di segnalazione da semi-incasso per applicazione in interni per soffitto/parete. Fonte di alimentazione non inclusa. Include cavo di alimentazione di 1000 mm.

Semi recessed signalling lamp for indoor use on ceiling/wall. Power supply not included. 1000 mm power cable included.

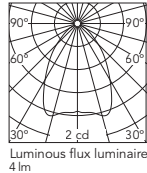
Apparecchio per installazione remota in luogo accessibile: non passa attraverso il foro di incasso dell'apparecchio, eccetto il 60.9157.

Equipment for remote installation in an accesible place: it does not fit through the recessing hole of the luminaire, except 60.9157.

Alimentazioni raccomandate / Recommended power supply\*:  
 Non Dimmable 110-240V 60.9157 (8W)  
 Non Dimmable 220-240V 60.8703 (25W)

\* Vedi capitolo Drivers / Refer to the Drivers chapter

- Luce Bianca/White Light
- 09.3200.30A
  - 09.3200.29A
  - 09.3200.55A
  - 09.3200.BZA
  - 09.3200.ANA

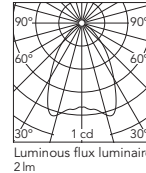


Beam Angle: 74°

h(m)	E(lx)	D(m)
1	2	1.51
2	1	3.03
3	0	4.54
4	0	6.06
5	0	7.57

Luminous flux luminaire 4lm

- Luce Ambra/Amber Light
- 09.3201.30A
  - 09.3201.29A
  - 09.3201.55A
  - 09.3201.BZA
  - 09.3201.ANA



Beam Angle: 72°

h(m)	E(lx)	D(m)
1	1	1.46
2	0	2.92
3	0	4.38
4	0	5.85
5	0	7.31

Luminous flux luminaire 2lm

Accessori / Accessories

Cassaforma realizzata in alluminio anodizzato per installazione all'esterno.

Housing for recessed installation made in anodized aluminium for outdoor installation.

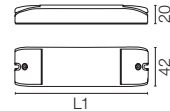


08.8422.00

Unità di controllo / Control Units

Unità di controllo per dimmer con 1 canale per la regolazione di moduli LED, per drivers di 24V. Alimentatore non incluso. Max. 120W - 5A.

Dimmable control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.



1-10V  
60.8640  
L1: 172

DALI  
60.9766  
L1: 181



# THE BLOCK OF LIGHT

DESIGNED BY KNUD HOLSCHER



**LIGHT SOURCE**  
POWER LED  
2,2W  
154 lm  
3000K/CRI 80

01 Bianco Opaco  
01 Matte White

72 Grigio  
72 Grey

04 Nero Opaco  
04 Matte Black



## Descrizione

Apparecchio di illuminazione predisposto per installazione ad incasso per interni o esterni (grado di protezione IP65). Disponibile con fonte di illuminazione LED di ultima generazione adatto per rispondere alle diverse esigenze di illuminazione delle aree di passaggio o di scale.

Corpo esterno realizzato in alluminio, verniciato nelle finiture bianco opaco, grigio o nero opaco.

## Unità di Alimentazione

Fonte di alimentazione a corrente costante 100/240V, 50-60Hz non regolabile integrata. Alimentazione a 700 mA.

## Accessori

E' previsto un accessorio da incasso per pareti in muratura realizzato in acciaio galvanizzato.

## Informazioni Aggiuntive

Grado di protezione IP65.

Classe di isolamento I.

Adatti ad installazioni su superfici normalmente infiammabili.

Prima di effettuare l'ordine, si consiglia di informarsi per bene sulle caratteristiche del prodotto che non sono state incluse in questo catalogo e che possono essere determinanti per il suo progetto di installazione, consultando la pagina web di Flos per professionisti, la scheda tecnica del prodotto e le istruzioni per la sua installazione e montaggio.

## Conformità e Marchi di Qualità

Apparecchio conforme alla Normativa Tecnica Europea EN60598-1 e relative parti seconde.

## Description

Embedded light fixture designed for indoor or outdoor use (IP65 protection grade). Available with next-generation LED light source in response to diverse signalling needs on pathways or stairways.

Front made of aluminium with finish in matte white, grey or matte black.

## Power Supply

Built-in, non-regulable constant current power supply of 100/240V, 50/60Hz. 700 mA current.

## Accessories

Has galvanised steel accessories for embedding in concrete walls.

## Additional Information

IP65 protection grade.

Insulation class I.

Suitable for installation on normally inflammable surfaces.

Before placing your order, please consult the product details also on the Flos professional website, in its technical data sheet and in the installation and assembly instructions to find all the information that may not be included in this catalogue or that could be relevant to your specific project or installation.

## Standard Compliance and Quality Marks

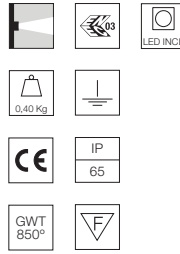
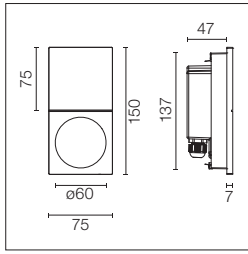
EN60598-1 European Technical Standards and any subsequent additions.



# THE BLOCK OF LIGHT

## TheBlockofLight

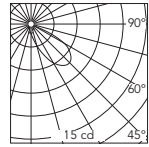
**Light Source:** Power LED 2,2W - 154 lm - 3000K/CRI 80



Apparecchio di segnalazione da semi-incasso per applicazione in interni o esterni. Fonte di alimentazione non regolabile 100-240V, 50-60Hz integrata. Include cavo di alimentazione 500 mm.

Semi-recessed signalling lamp for indoor or outdoor use. Non-regulable 100-240V, 50-60Hz power supply and 500 mm power cable included.

□ 09.3310.01C

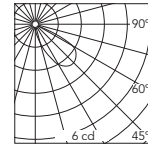


Beam Angle: 45°

h(m)	EI(x)	D(m)
1	15	1.79
2	4	3.58
3	2	5.37
4	1	7.16
5	1	8.95

Luminous flux luminaire 85 lm

■ 09.3310.72C

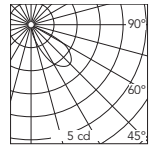


Beam Angle: 45°

h(m)	EI(x)	D(m)
1	6	1.85
2	2	3.70
3	1	5.55
4	0	7.40
5	0	9.25

Luminous flux luminaire 50 lm

■ 09.3310.04C



Beam Angle: 41°

h(m)	EI(x)	D(m)
1	5	1.64
2	1	3.28
3	1	4.92
4	0	6.55
5	0	8.19

Luminous flux luminaire 40 lm

### Accessori / Accessories

Passacavo da incasso in cemento.

Can for embedding in concrete.



08.8423.00

# BINARI TRIFASE / THREE PHASE TRACKS

## Binario Trifase

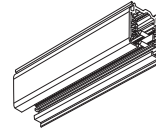
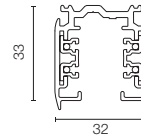
GLOBAL TRACK offre molteplici vantaggi alle installazioni più avanzate: i principali adattatori sono alimentabili e il cavo di alimentazione può essere nascosto sotto degli eleganti accessori in sospensione. I binari GLOBAL TRACK sono stati progettati per essere facilmente montati sulle pareti o sui soffitti, o appesi ai soffitti. I binari possono essere appesi all'altezza desiderata.

Altri vantaggi del sistema trifasico sono l'elevata capacità di potenza e la possibilità di formare dei gruppi indipendenti di installazione fissa nei tre circuiti. Ciò permette l'illuminazione degli ambienti più esigenti.

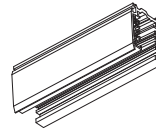
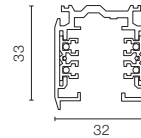
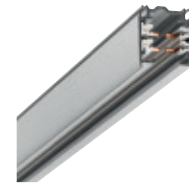
## Three Phase Track

GLOBAL TRACK offers benefits for advanced installations: the main connectors are feedable and the feeding cable can be hidden under the elegant suspension accessories. GLOBAL TRACK lighting tracks are designed for easy surface mounting on ceilings and walls, or recessed mounting in suspended ceilings. Lighting tracks can be suspended at any desired height. Other advantages of the three-circuit system are its high loading capacity and the possibility of forming independent fixture groups in all three circuits. This permits illumination of the most demanding environments.

### Surface



### Surface Dali



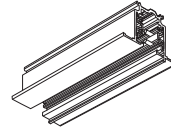
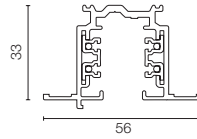
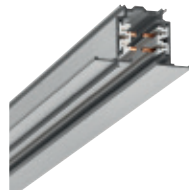
- 1000 mm
- 60.3101.11
  - 60.3101.29
  - 60.3101.14
- Dali Version
- 60.3101.11ADA
  - 60.3101.29ADA
  - 60.3101.14ADA

- 2000 mm
- 60.3102.11
  - 60.3102.29
  - 60.3102.14
- Dali Version
- 60.3102.11ADA
  - 60.3102.29ADA
  - 60.3102.14ADA

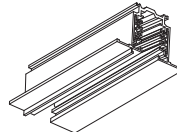
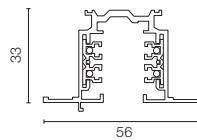
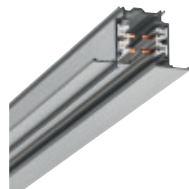
- 3000 mm
- 60.3103.11
  - 60.3103.29
  - 60.3103.14
- Dali Version
- 60.3103.11ADA
  - 60.3103.29ADA
  - 60.3103.14ADA

- 4000 mm
- 60.3104.11
  - 60.3104.29
  - 60.3104.14
- Dali Version
- 60.3104.11ADA
  - 60.3104.29ADA
  - 60.3104.14ADA

### Recessed



### Recessed Dali



- 1000 mm
- 60.3810.11
  - 60.3810.29
  - 60.3810.14
- Dali Version
- 60.3810.11ADA
  - 60.3810.29ADA
  - 60.3810.14ADA

- 2000 mm
- 60.3820.11
  - 60.3820.29
  - 60.3820.14
- Dali Version
- 60.3820.11ADA
  - 60.3820.29ADA
  - 60.3820.14ADA

- 3000 mm
- 60.3830.11
  - 60.3830.29
  - 60.3830.14
- Dali Version
- 60.3830.11ADA
  - 60.3830.29ADA
  - 60.3830.14ADA

- 4000 mm
- 60.3840.11
  - 60.3840.29
  - 60.3840.14
- Dali Version
- 60.3840.11ADA
  - 60.3840.29ADA
  - 60.3840.14ADA

## BINARI TRIFASE / THREE PHASE TRACKS


Aste rigide per evitare l'inclinazione del profilo (strutture rettilinee senza angoli) o per installazioni in cui è necessario un sistema di fissaggio più rigido.  
Rigid rod to avoid the profile from tilting (rectilinear structures without corners) or to be installed in places where a more rigid fixing system is required.

Tige di sospensione con rosone  
1000 mm filetto m6.   60.3014.11  
 60.3014.14

Suspension rod with 1000 mm rose.  
M6 thread.

Set prolunga tige sospensione  
1000 mm filetto m6.   60.3097.11\*  
 60.3097.14\*


1000 mm suspension rod extension  
set m6 thread.

Fijación a carril para cable de acero  
con terminal roscado M6.   60.3008.11  
 60.3008.14

Attachment on track for steel cable  
suspension with M6 thread end

Attacco a soffitto con rosone.  
  60.3094.11  
 60.3094.14

Ceiling fitting with rose.


Punto di aggancio su binario per  
sospensione con tige filetto m6.   60.3018.11  
 60.3018.14

Attachment on track for rod  
suspension m6 thread.

Si consiglia l'uso di cavo in acciaio se la struttura in quanto a dimensioni è in equilibrio, stabile e presenta uno o più angoli, dato che in queste strutture la guida non si inclina anche se il peso delle lampade non viene equilibrato.  
A steel cable is recommended if the structure, because of its dimensions, is stable and includes one or more angles, since in these structures the track does not tilt even if the weight of the luminaries is not balanced.

Cavetto di sospensione con  
piombino senza rosone e attacco  
a soffitto.   1500 mm 60.3095.29  
 3000 mm 60.3096.29

Lead-weighted wire without rose  
and ceiling fitting.

Staffa per fissaggio binario a soffitto/  
parete o sospensione con cavetto  
piombino.   60.3025.11  
 60.3025.14  
 60.3025.29

Bracket for track fixing wall/ceiling or  
suspension with lead-weighted wire.

Staffa per fissaggio binario a soffitto  
o parete.   60.3093.29

Bracket for fixing track to wall or  
ceiling.

Punto di aggancio su binario per  
sospensione con cavetto.   60.3057.11  
 60.3057.29

Attachment on track for wire  
suspension.

Supporto parete completo  
braccio 70mm.   60.3083.29

Complete wall support 70mm.

Striscia di copertura binario  
L 3000mm.   60.3090.11

Track cover strip L 3000mm.

Rosone copertura  
alimentazione.   60.3092.11

Power supply rose cover.


Copertura per connettori  
alimentazione binario ad  
incasso.   60.3053.11  
 60.3053.14  
Dali Version

Cover for power supply  
connectors recessed track.

Copertura per connettori.  
  60.3091.11  
 60.3091.14  
Dali Version


Cover for connectors.

60.3146.11  
 60.3146.14

\* Connettore con conduttore di  
terra a destra.   60.3038.11  
 60.3038.14  
 60.3038.12  
Dali Version

Live end right.

60.3038.11ADA  
 60.3038.14ADA  
 60.3038.12ADA

\* Connettore con conduttore di  
terra a sinistra.   60.3039.11  
 60.3039.14  
 60.3039.12  
Dali Version

Live end left.

60.3039.11ADA  
 60.3039.14ADA  
 60.3039.12ADA

\* Possibilità di alimentazione / Feeding possible.

# BINARI TRIFASE / THREE PHASE TRACKS

Connettore a scomparsa.



- 60.3044.11
- 60.3044.14
- 60.3044.12
- Dali Version
- 60.3044.11ADA
- 60.3044.14ADA
- 60.3044.12ADA

Straight connector.

\* Connettore a croce.



- 60.3036.11
- 60.3036.14
- 60.3036.29
- Dali Version
- 60.3036.11ADA
- 60.3036.14ADA
- 60.3036.29ADA

Cross coupling.

\* Connettore alimentazione centrale.



- 60.3043.11
- 60.3043.14
- 60.3043.29
- Dali Version
- 60.3043.11ADA
- 60.3043.14ADA
- 60.3043.29ADA

Mean connector.

Terminale di chiusura.



- 60.3016.11
- 60.3016.14
- 60.3016.12

Blind end.

\* Connettore a 90°.



- Interni/Inside
- 60.3029.11
- 60.3029.14
- 60.3029.29
- Dali Version
- 60.3029.11ADA
- 60.3029.14ADA
- 60.3029.29ADA

Connector 90°.

Connettore flessibile DALI.



- 60.3037.11
- 60.3037.14
- 60.3037.29
- Dali Version
- 60.3037.11ADA
- 60.3037.14ADA
- 60.3037.29ADA

DALI flexible couple.

\* Connettore a 90°.



- Externi/Outside
- 60.3028.11
- 60.3028.14
- 60.3028.29
- Dali Version
- 60.3028.11ADA
- 60.3028.14ADA
- 60.3028.29ADA

Connector 90°.

Connettore angolare regolabile.



- 60.3046.11
- 60.3046.14
- 60.3046.29

Corner adjustable connector.

\* Connettore T - interno.



- Destra/Right
- 60.3047.11
- 60.3047.14
- 60.3047.29
- Dali Version
- 60.3047.11ADA
- 60.3047.14ADA
- 60.3047.29ADA

Connector T - inside.

Scatola da incasso per punto di fissaggio.



- 60.3022.11
- 60.3022.14

Recessed box for fix-point.

Punto di fissaggio.



- 60.3023.11
- 60.3023.14
- 60.3023.29

Fix-point.

\* Connettore T - esterno.



- Destra/Right
- 60.3049.11
- 60.3049.14
- 60.3049.29
- Sinistra/Left
- 60.3049.11ADA
- 60.3049.14ADA
- 60.3049.29ADA

Conector T - outside.

Chiave di piegatura conduttori.



60.3054

Lead bending key.

\* Connettore T - esterno.

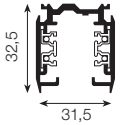
- Dali Version
- 60.3051.11
- 60.3051.14
- 60.3051.29
- Dali Version
- 60.3051.11ADA
- 60.3051.14ADA
- 60.3051.29ADA

\* Possibilità di alimentazione / Feeding possible.

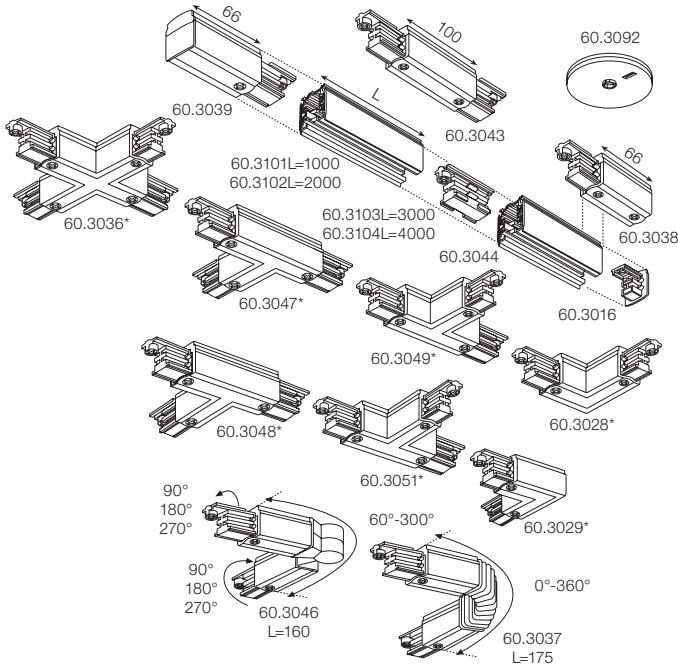


# BINARI TRIFASE / THREE PHASE TRACKS

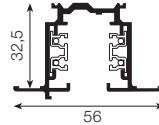
## Istruzioni di Installazione dei Binari Trifase / Installation Instructions for the Three-Phase Tracks (3P+N+PE) Un 400V, In 16A, 50Hz, Classe I, IP 20



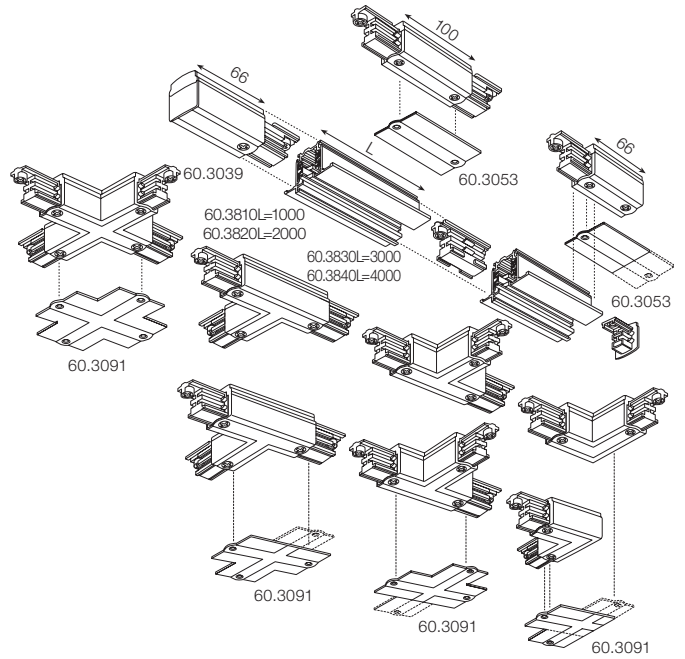
La posizione del conduttore neutro viene indicata con la linea larga.  
The position of the neutral lead is shown by the thick line.



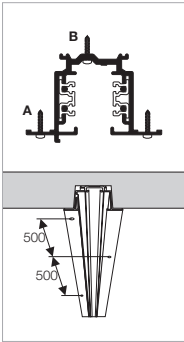
\*Può essere usato come punto di alimentazione / Can be used as a power supply point



La posizione del conduttore neutro viene indicata con la linea larga.  
The position of the neutral lead is shown by the thick line.



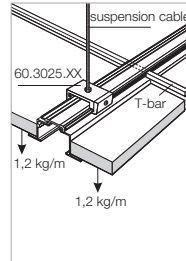
### Montaggio in scanalatura sul soffitto Mounting in a groove in the ceiling



- le guide possono essere fissate nei bordi (A) o alla fine della guida (B).
- modo A: con viti  $\varnothing$  3,0 - 4,5, a una distanza di 500mm.
- modo B: con viti a testa piatta  $\varnothing$  3,0, che sostiene una distanza di 1000mm e un carico massimo di 20 kg/m.

- tracks can be fixed through the flanges (A) or through the track bottom (B).
- manner A: with screws  $\varnothing$  3,0 - 4,5, at distance of 500mm.
- manner B: with flat head screws  $\varnothing$  3,0, supporting distance 1000mm-max. load 20 kg/m.

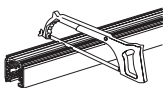
### Montaggio in sospensione a soffitto Mounting in suspended ceilings



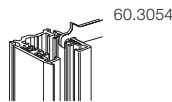
- con morsetti 60.3025.XX.
- la struttura di attacco del soffitto deve essere facile da smontare, gli attacchi e le guide non vanno fissati tra loro.
- sospensione a distanza massima di 1000mm.
- carico massimo sull'attacco di 1,2 kg/m per bordo di guida.
- sospensione guida con carico massimo 10 kg / distanza di sospensione.

- with clamps 60.3025.XX.
- the ceiling plate structure must be easy to demount, the plates and the tracks are not fixed onto each others.
- hanging at max. 1000mm distance.
- plate load max. 1,2 kg/m per track flange.
- track hanging load max. 10 kg / hanging distance.

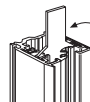
### Taglio dei Binari / Cutting Track



1 . Taglio del binario  
1 . Cutting the track



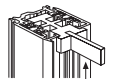
2 . Posizionamento chiave di piegatura nel binario  
2 . Positioning bending key in the track



3 . Curvatura dei conduttori  
3 . Lead bending



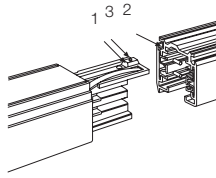
4 . Conduttori piegati  
4 . Bent leads



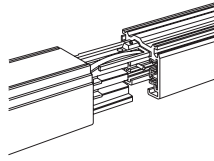
5 . Controllo dei conduttori piegati  
5 . Bent leads control

# BINARI TRIFASE / THREE PHASE TRACKS

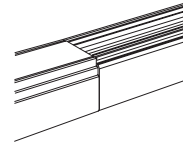
## Installazione dei Connettori / Connector Installation



1 . Linguetta guida  
1 . Guide flap

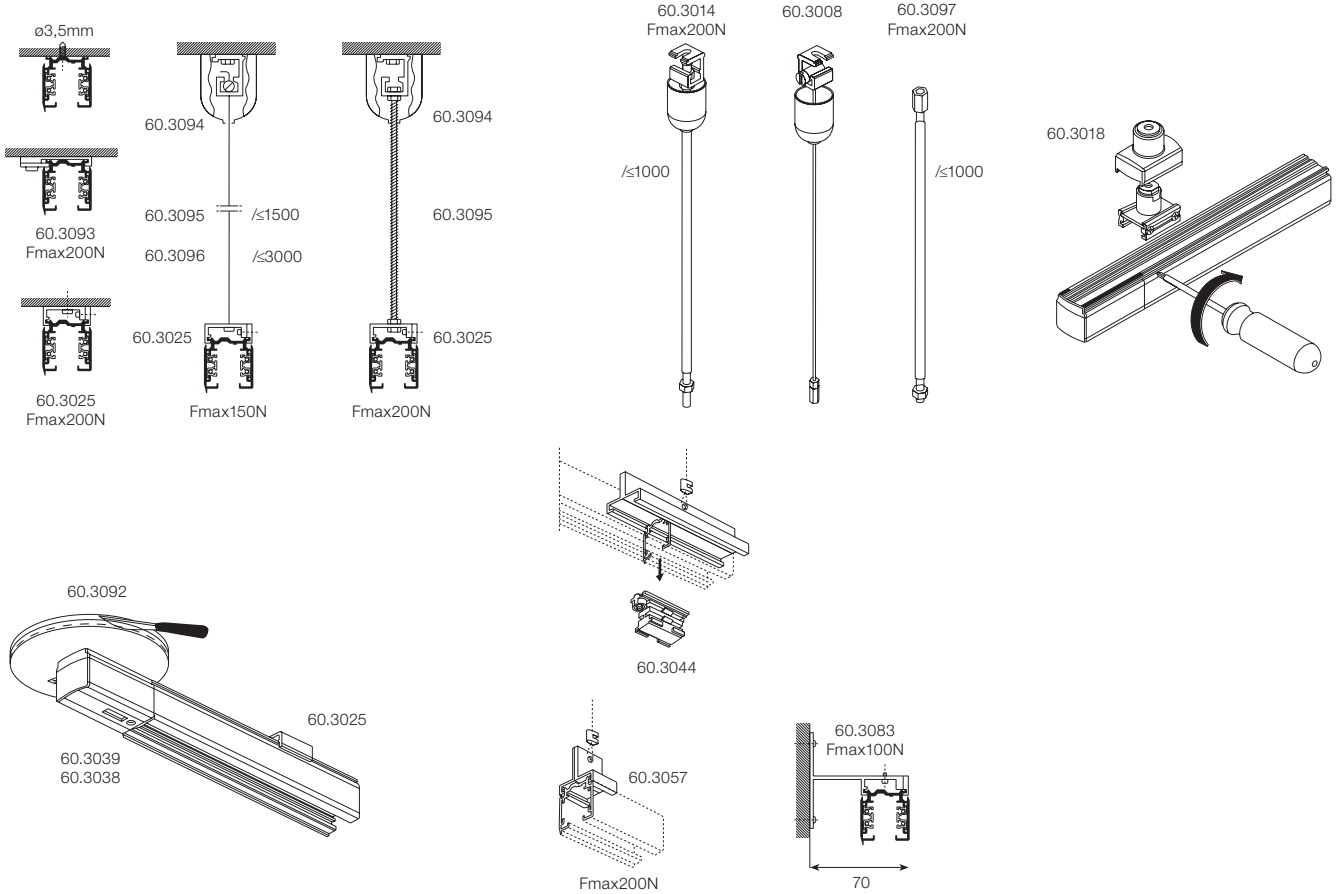


2 . Canale  
2 . Canal



3 . Fissaggio a pressione  
3 . Pressure fixing

## Fissaggio del Binario e Capacita' di Carico del Fissaggio / Fixing the Track and Load Capacity

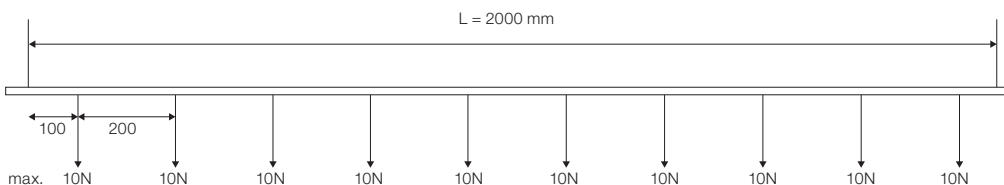
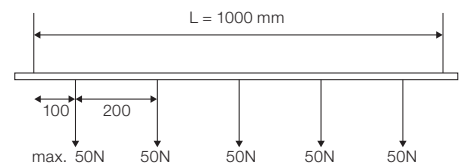
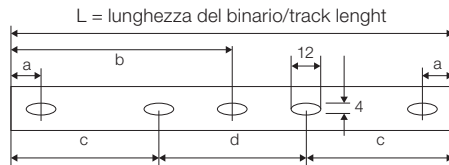


## Distanza di Ancoraggio e Portata

La distanza di ancoraggio raccomandata è  $L=1000\text{mm}$ .  
I binari sono dotati di fori di ancoraggio.

## Fastening Distance and Loading Capacity

Recommended fastening distance  $L=1000\text{mm}$ .  
The tracks have fastening holes.



L mm	a mm	b mm	c mm	d mm
1000	250	1000		
2000	250			
3000	250		1000	1000
4000	250		1500	1000

# BINARI TRIFASE / THREE PHASE TRACKS

## Note di Progettazione

Quando si installa la guida, si deve scegliere la parte in cui si vuole avere la presa di terra. Dipendendo dalla posizione di tale presa, bisognerà utilizzare i relativi accessori. Nelle seguenti figure la linea tracciata ci indica la posizione della presa di terra.

Se abbiamo solo una guida, si può scegliere da quale parte installare l'alimentazione.

Figura 1. Lunghezza della guida, 1 metro, con connettore di alimentazione (A) e il suo connettore specchio (B).

La figura 2 ci mostra due diverse applicazioni. La presa di terra può essere sia interna che esterna.

Si può utilizzare rispettivamente (C) & (D) o (E) & (F).

Se la presa di terra è esterna - primo caso - si utilizzeranno i connettori a T (C) con il loro specchio (D). I connettori a L saranno gli stessi per ogni angolo, (H). Se invece la presa di terra è interna - secondo caso - si utilizzeranno i connettori a T (E) con lo specchio (F). Il connettore a L per questo caso sarà (I).

## Planning Information

When you instal the track, you have to choose on which side you wish to have the ridge. The ridge will tell you which accesories to use with. Have a look at the following figures where the dotted line indicates the ridge on the track.

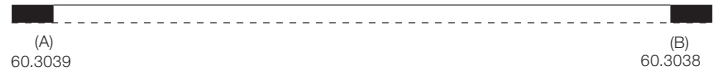
If you have only one track, you can choose on which side you connect it and use the corresponding parts.

Figure 1. Track of length 1 mt. with end feed (A) and its mirror image (B).

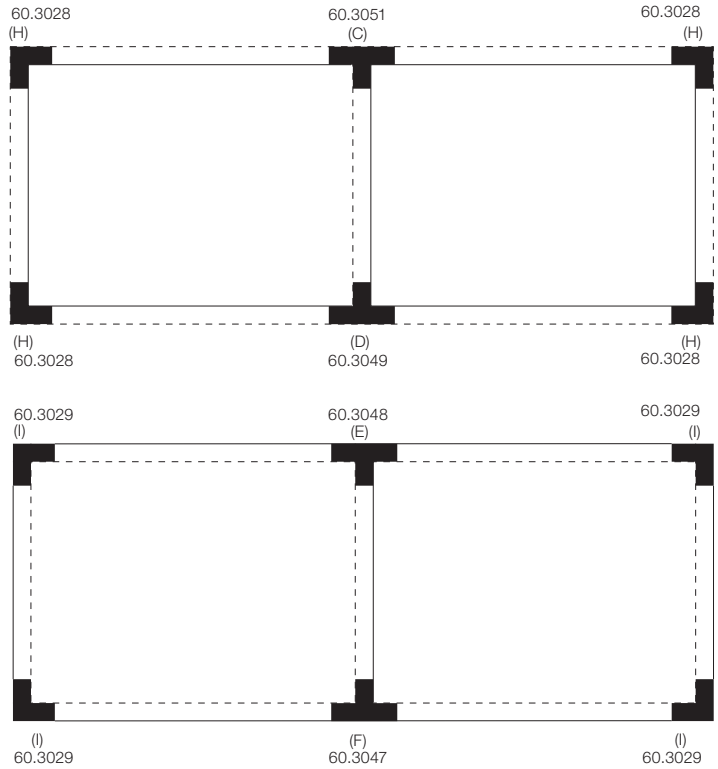
Figure 2. Shows two different cases. You will notice that the ridge can be either inside or outside the installation system. You can use respectively either (C) & (D) or (E) & (F).

If the ridge is outside, first case, you have to use the T connector (C) with its miror image (D). The L connectors are then the same for each corner, (H). Inversely, if you have the ridge inside, second case, you will have to use the T connector (E) with its miror image (F). The corresponding L connector is in this case (I).

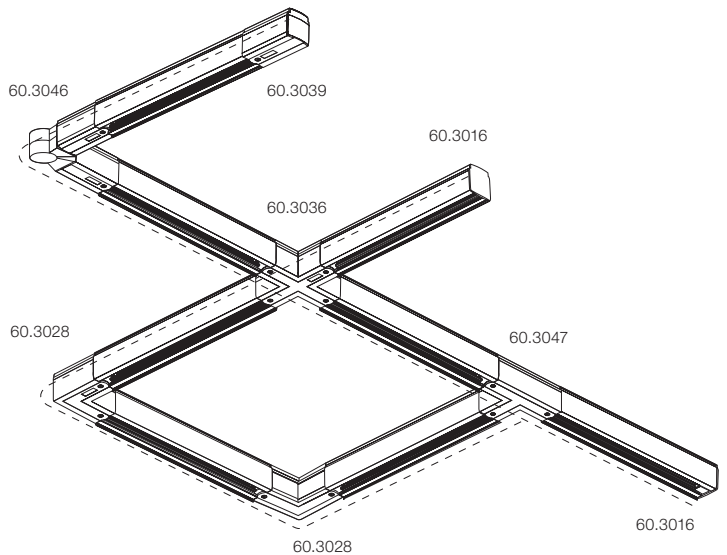
1.



2.



## Esempio / Example

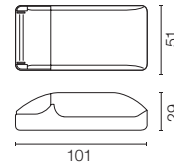


# DRIVER / DRIVERS

## Fonte di Alimentazione a Corrente Costante per LED / Constant Current Power Supply for LED

Fonte di alimentazione a corrente costante. 350mA - 17,5W / 500mA - 20W / 700mA - 20W - 220/240V - 50/60Hz non regolabile.

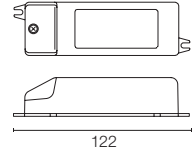
Non dimmable continuous current power supply. 350mA - 17,5W / 500mA - 20W / 700mA - 20W - 220/240V - 50/60Hz.



RF27535

Fonte di alimentazione a corrente costante non regolabile. 110/240V.

Non dimmable continuous current power supply. 110/240V.

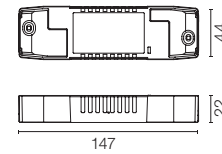


17W / 700 mA  
\*60.8655  
20W / 500 mA  
\*60.8650  
22W / 1050 mA  
\*RF26569

\*110V - 12W

Fonte di alimentazione a corrente costante 15-30W, 220/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 350mA - 15W / 400mA - 17W / 450mA - 19W / 500mA - 22W / 550mA - 24W / 600mA - 26W / 650mA - 28W / 700mA - 30W non regolabile.

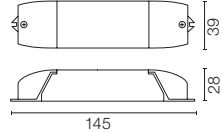
Non dimmable continuous current power supply. 15-30W, 220/240V - 50/60Hz with power current selected through adjustable switch. 350mA - 15W / 400mA - 17W / 450mA - 19W / 500mA - 22W / 550mA - 24W / 600mA - 26W / 650mA - 28W / 700mA - 30W.



60.9592

Fonte di alimentazione a corrente costante 25W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 350mA - 12W / 500mA - 15W / 700 mA - 25W non regolabile.

Non dimmable continuous current power supply of 25W, 110/240V - 50/60Hz with power current selected through adjustable 350mA - 12W / 500mA - 15W / 700 mA - 25W switch.

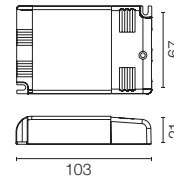


60.8437

110V - max 18W

Fonte di alimentazione a corrente costante 110/240V 32W, con corrente di alimentazione selezionabile tramite switch 350 mA-17W /500 mA-24W /700 mA-32W /900 mA - 32W non regolabile.

Non dimmable continuous current power supply of 110/240V 32W, with power current selected through adjustable 350 mA-17W /500 mA-24W /700 mA-32W /900 mA - 32W switch.

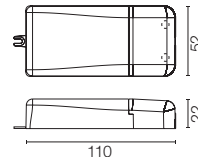


60.9233

110V - max 15W

Fonte di alimentazione a corrente costante 15-20W, 110/240V - 50/60Hz, con corrente di alimentazione selezionabile tramite switch 350 mA-15W /500 mA/ /550 / 700 / 850 mA / 900 mA - 20W non regolabile.

Non dimmable continuous current power supply of 15-20W, 110/240V - 50/60Hz, with power current selected through adjustable 350 mA-15W /500 mA/ /550 / 700 / 850 mA / 900 mA - 20W switch.

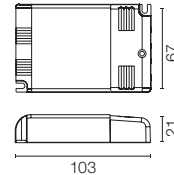


60.8911

110V - max 15W

Fonte di alimentazione a corrente costante 25W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 350 mA-18W / 400 mA - 21W / 500mA - 25W /600mA - 30W /700/750/900 mA - 32W regolabile. 1-10V o push dimming, richiede cavi di sincronizzazione non inclusi.

Continuous current power supply of 25W, 110/240V - 50/60Hz with power current selected through adjustable 350 mA-18W / 400 mA - 21W / 500mA - 25W /600mA - 30W /700/750/900 mA - 32W switch. 1-10V or push dimming, synchronisation cables not included.

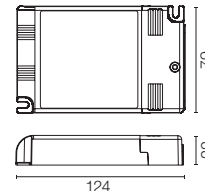


RF21466

110V - max 15W

Fonte di alimentazione a corrente costante 25-50W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 350mA - 25W /500mA - 35W/ 700mA - 50W /750mA - 54W /900/ 1050 mA - 60W regolabile. Dali 2, 0/1-10V o push dimming, richiede cavi di sincronizzazione non inclusi.

Continuous current power supply of 25-50W, 110/240V - 50/60Hz with power current selected through adjustable 350mA - 25W /500mA - 35W/ 700mA - 50W /750mA - 54W /900/ 1050 mA - 60W switch. Dali 2, 0/1-10V or push dimming, synchronisation cables not included.



RF21468

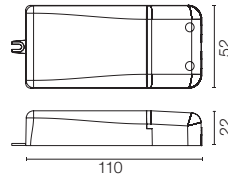
110V - max 40W

# DRIVER / DRIVERS

## Fonte di Alimentazione a Corrente Costante per LED / Constant Current Power Supply for LED

Fonte di alimentazione a corrente costante 13-20W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 300 mA - 15W / 350 mA - 18W / 400/450/500/550/600/650/700/750/800/850/900 mA - 15W. regolabile. 0/1-10V o push dimming, richiede cavi di sincronizzazione non inclusi. In caso di regolazione push, è necessario utilizzare il seguente cavo di sincronizzazione: 60.1665.

Continuous current power supply of 13-20W, 110/240V - 50/60Hz with power current selected through adjustable 300 mA - 15W / 350 mA - 18W / 400/450/500/550/600/650/700/750/800/850/900 mA - 15W. switch. 0/1-10V or push dimming, synchronisation cables not included. In the case of push control the following sync cable must be used: 60.1665.

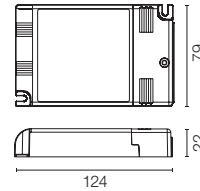


RF27961

110V - max 15W

Fonte di alimentazione a corrente costante 30-50W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 300mA - 34W /350 mA -39W /400 mA - 45W /450 - mA - 50W /500 mA - 56W /550/600/650/700mA - 60W regolabile. Dalì 1, Dalì 2, 0/1-10V o push dimming, richiede cavi di sincronizzazione non inclusi.

Continuous current power supply of 30-50W, 110/240V - 50/60Hz with power current selected through adjustable 300mA - 34W /350 mA -39W /400 mA - 45W /450 - mA - 50W /500 mA - 56W /550/600/650/700mA - 60W switch. Dalì1, Dalì 2, 0/1-10V or push dimming, synchronisation cables not included.

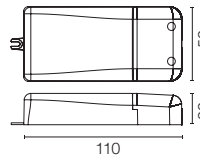


60.8837

110V - max 40W

Fonte di alimentazione a corrente costante 12-20W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 250mA -12W / 350mA - 17W / 400mA - 19W / 450 / 500 / 550 / 600 / 700mA - 20W regolabile Dalì 1 e Dalì 2.

Continuous current power supply of 12-20W, 110/240V - 50/60Hz with power current selected through adjustable 250mA -12W / 350mA - 17W / 400mA - 19W / 450 / 500 / 550 / 600 / 700mA - 20W dimmable Dalì 1 and Dalì 2.

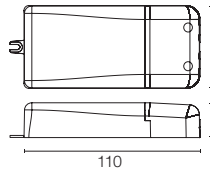


60.9222

110V - max 15W

Fonte di alimentazione a corrente costante 10-20W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 250 mA - 12W /350 mA - 17W /400 mA - 19W /450/500/550/600/700 mA - 20W regolabile Dalì 2. Max 15W.

Continuous current power supply of 10-20W, 110/240V - 50/60Hz with power current selected through adjustable 250 mA - 12W /350 mA - 17W /400 mA - 19W /450/500/550/600/700 mA - 20W, Dalì 2 switch. Max 15W.

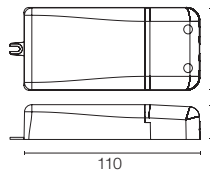


60.9746

110V - max 15W

Fonte di alimentazione a corrente costante 10-20W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 250 mA - 10W / 350 mA - 15W /400 mA - 17W /450 mA - 19W /500/550/600/700 mA - 20W regolabile Dalì 1.

Continuous current power supply of 13-20W, 110/240V - 50/60Hz with power current selected through adjustable 250 mA - 13W / 350 mA - 18W /400/450/500/550/600/700/800/900 mA - 20W, 1-10V or push dimming.

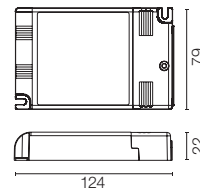


60.9208

110V - max 15W

Fonte di alimentazione a corrente costante 20-40W, 110/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 350 mA -18,5W / 400 mA - 21W / 500 mA - 26,5W / 600 mA - 31,5W /650 mA -34,5W /700 mA -37W /750 mA - 39,5W /800/850/900/950/1000/1050/1200 mA - 40W regolabile. Dalì 2, 0/1-10V o push dimming, richiede cavi di sincronizzazione non inclusi.

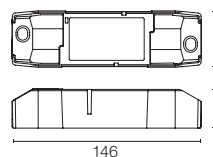
Continuous current power supply of 20-40W, 110/240V - 50/60Hz with power current selected through adjustable 350 mA -18,5W / 400 mA - 21W / 500 mA - 26,5W / 600 mA - 31,5W /650 mA -34,5W /700 mA -37W /750 mA - 39,5W /800/850/900/950/1000/1050/1200 mA - 40W switch. Dalì 2, 0/1-10V or push dimming, synchronisation cables not included.



60.9276

Fonte di alimentazione a corrente costante 13-42W, 220/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 300 mA - 13W / 350 mA - 15W / 400 mA - 18W / 450 mA - 20W / 500 mA - 22W / 550 mA - 24W / 600 mA - 27W / 650 mA - 29W / 700 mA - 31W / 750 mA - 32W / 800 mA - 33W / 850 mA - 35W / 900 mA - 38W / 950 mA - 40W / 1000/1050 mA - 42W regolabile.

Continuous current power supply of 13-42W, 220/240V - 50/60Hz with power current selected through adjustable 300 mA - 13W / 350 mA - 15W / 400 mA - 18W / 450 mA - 20W / 500 mA - 22W / 550 mA - 24W / 600 mA - 27W / 650 mA - 29W / 700 mA - 31W / 750 mA - 32W / 800 mA - 33W / 850 mA - 35W / 900 mA - 38W / 950 mA - 40W / 1000/1050 mA - 42W switch.



RF27370

# DRIVER / DRIVERS

## Fonte di Alimentazione a Corrente Costante per LED / Constant Current Power Supply for LED

Fonte di alimentazione a corrente costante 6W, 100V / 14W, 240V - 50/60Hz con corrente di alimentazione 500 mA.

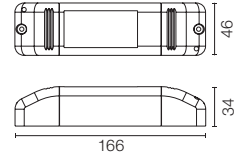
Continuous current power supply of 6W, 100V / 14W, 240V - 50/60Hz with 500 mA supply voltage.



RF26570

Fonte di alimentazione a corrente costante 7,2-24W, 220/240V-50/60Hz con corrente di alimentazione selezionabile tramite switch 150 mA - 7,2W /200 mA - 9,5W /250 mA - 12W /300 mA -14,5W /350 mA -17W/400 mA - 19,5W /450 mA -21,5W /500 mA -24W regolabile. Mains o push dimming. In caso di regolazione push, è necessario utilizzare il seguente cavo di sincronizzazione: 60.1665.

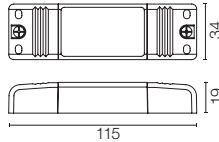
Continuous current power supply of 7,2-24W, 220/240V - 50/60Hz with power current selected through adjustable 150 mA - 7,2W /200 mA - 9,5W /250 mA - 12W /300 mA -14,5W /350 mA -17W/400 mA - 19,5W /450 mA -21,5W /500 mA - 24W switch. Mains or push dimming. In the case of push control the following sync cable must be used: 60.1665.



60.9421

Fonte di alimentazione a corrente costante 10W, 110V / 12W, 240V - 50/60Hz con corrente di alimentazione 700 mA.

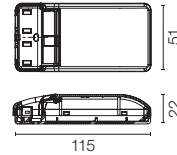
Continuous current power supply of 10W, 110V / 12W, 240V - 50/60Hz with 700 mA supply voltage.



60.8529A

Fonte di alimentazione a corrente costante 18W, 220/240V - 50/60Hz con corrente di alimentazione 450 mA mains dimming, trailing edge.

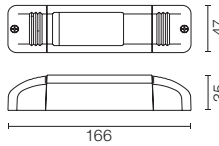
Continuous current power supply of 18W, 220/240V - 50/60Hz with 450 mA supply voltage mains dimming, trailing edge.



60.9268

Fonte di alimentazione a corrente costante 32W, 230/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 350mA - 17W / 500mA - 24W / 700/ 750 mA - 32W regolabile tramite trailing e leading edge dimming (mains dimming), o push dimming.

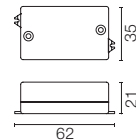
Continuous current power supply of 32W, 230/240V - 50/60Hz with power current selected through adjustable 350mA - 17W / 500mA - 24W / 700/ 750 mA - 32W switch by trailing and leading edge dimming (mains dimming), or push dimming.



RF21469

Trasformatore elettronico per LED a tensione costante (24V). 8W, 220/240V, 50/60Hz.

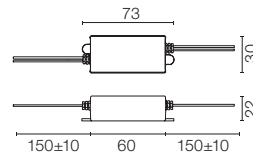
Electronic transformer with constant voltage (24V) for LED. 8W, 220/240V, 50/60Hz.



RF23065

Trasformatore elettronico per LED a tensione costante (24V). 8W, 110/240V, 50/60Hz.

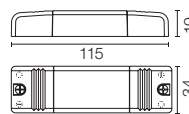
Electronic transformer with constant voltage (24V) for LED. 8W, 110/240V, 50/60Hz.



60.9157

Fonte di alimentazione a corrente costante 10W, 100-240V - 50/60Hz con corrente di alimentazione 250 mA non regolabile.

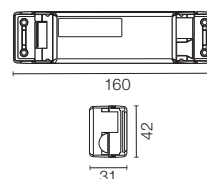
Constant voltage supply source of 10W, 100-240V - 50/60Hz with non adjustable 250 mA supply voltage.



60.9744

Fonte di alimentazione a corrente costante 20W, 220-240V - 50/60Hz con corrente di alimentazione 250 mA regolabile.

Constant voltage supply source of 20W, 220-240V - 50/60Hz with adjustable 250 mA supply voltage.



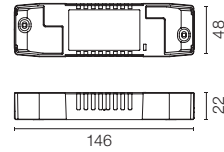
0-10V  
60.9405  
Dali  
60.9601

# DRIVER / DRIVERS

## Fonte di Alimentazione a Corrente Costante per LED / Constant Current Power Supply for LED

Fonte di alimentazione a corrente continua non dimmerabile di 220/240V - 50/60Hz con corrente di alimentazione selezionata tramite interruttore regolabile 200 mA - 8,5W / 300 mA - 13W / 350 mA - 15W / 400 mA - 17,5W / 450 mA - 19,5W / 500 mA - 22W.

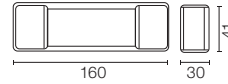
Non dimmable continuous current power supply of 220/240V - 50/60Hz with power current selected through adjustable with switch 200 mA - 8,5W / 300 mA - 13W / 350 mA - 15W / 400 mA - 17,5W / 450 mA - 19,5W / 500 mA - 22W.



RF31855

Fonte di alimentazione a corrente costante, dimmerabile 0-10V, 220/240V - 50/60Hz, 200mA - 20W.

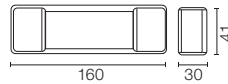
Continuous current power supply, 0-10V dimmable, 220/240V - 50/60Hz, 200mA - 20W.



60.9483

Fonte di alimentazione a corrente costante, dimmerabile Dali 2, 220/240V - 50/60Hz, 200mA - 20W.

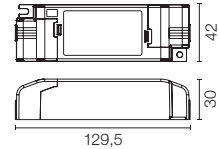
Continuous current power supply, dimmable Dali 2, 220/240V - 50/60Hz, 200mA - 20W.



60.9604

Fonte di alimentazione a corrente costante, dimmerabile 0/1-10V, 220/240V - 50/60Hz, 300 mA - 16W / 350 mA - 18W / 400 mA - 21W / 500 mA - 27W / 600 mA - 32W / 650 mA - 35W / 700/750/800/900/1000/1050 mA - 36W.

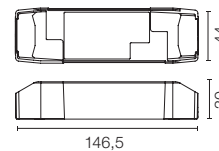
Continuous current power supply, 0/1-10V dimmable, 220/240V - 50/60Hz, 300 mA - 16W / 350 mA - 18W / 400 mA - 21W / 500 mA - 27W / 600 mA - 32W / 650 mA - 35W / 700/750/800/900/1000/1050 mA - 36W.



60.9439

Fonte di alimentazione a corrente costante 240V - 50/60Hz dimmerabile Dali 2, push dimming. con corrente di alimentazione selezionabile tramite switch 300mA - 16W / 350mA - 18W / 400mA - 21W / 500mA - 27W / 600mA - 32W / 650 mA - 35W / 700/750/800/900/1000/1050 mA - 36W.

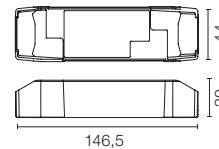
Continuous current supply source of 240V - 50/60Hz with dimmable Dali 2, push dimming. 300mA - 16W / 350mA - 18W / 400mA - 21W / 500mA - 27W / 600mA - 32W / 650 mA - 35W / 700/750/800/900/1000/1050 mA - 36W.



RF30699

Fonte di alimentazione a corrente costante, dimmerabile Casambi, 220/240V - 50/60Hz, 300mA - 16W / 350mA - 18,5W / 400mA - 21,5W / 450 mA - 24W / 500mA - 27W / 600mA - 32W / 650 mA - 35W / 700 mA - 36W / 750/800/900/1000/1050/1200 mA - 38W.

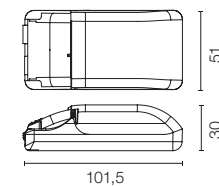
Continuous current power supply, dimmable Casambi, 220/240V - 50/60Hz, 300mA - 16W / 350mA - 18,5W / 400mA - 21,5W / 450 mA - 24W / 500mA - 27W / 600mA - 32W / 650 mA - 35W / 700 mA - 36W / 750/800/900/1000/1050/1200 mA - 38W.



60.9207

Fonte di alimentazione 1-10V, a corrente costante regolabile, trailing & leading edge dimming (mains dimming) 220/240V - 50/60Hz, 500mA - 10W.

Continuous current power supply, 1-10V, regulable trailing & leading edge dimming (mains dimming) 220/240V - 50/60Hz, 500mA - 10W.



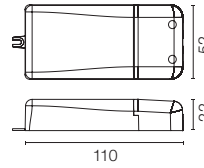
60.9411

# DRIVER / DRIVERS

## Fonte di Alimentazione a Corrente Costante per LED / Constant Current Power Supply for LED

Alimentatore a corrente costante 20W, regolabile mediante trailing & leading edge dimming (mains dimming) in AC, bordi d'attacco e d'uscita, 220/240 V - 50/60Hz a corrente nominale con programmazione dip-switch.  
Corrente d'uscita: 900mA - 20W / 850mA - 20W / 800mA - 20W / 750mA - 20W / 700mA - 20W / 650mA - 20W / 600mA - 20W / 550mA - 20W / 500mA - 20W / 450mA - 20W / 400mA - 19W / 350mA - 17W / 300mA - 14W / 250mA - 12W

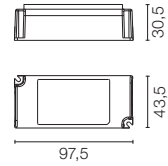
20W Constant current power supply, AC phase-cut adjustable, trailing & leading edge dimming (mains dimming), 220/240V - 50/60Hz, with dip-switch programmable power supply current.  
Output current: 900mA - 20W / 850mA - 20W / 800mA - 20W / 750mA - 20W / 700mA - 20W / 650mA - 20W / 600mA - 20W / 550mA - 20W / 500mA - 20W / 450mA - 20W / 400mA - 19W / 350mA - 17W / 300mA - 14W / 250mA - 12W



60.9467

Fonte di alimentazione a corrente costante 26W, 220/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch. Regolabile Casambi.  
Corrente di uscita: 700mA - 25.9W / 600mA - 25.8W / 500mA - 26W / 350mA - 18.2W / 300mA - 15.6W / 250mA - 13W / 200mA - 10.4W / 150mA - 7.8W.

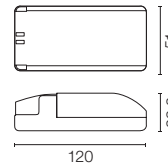
Continuous current power supply 26W, 220/240V - 50/60Hz with power current selected through adjustable switch. Dimmable Casambi.  
Exit current: 700mA - 25.9W / 600mA - 25.8W / 500mA - 26W / 350mA - 18.2W / 300mA - 15.6W / 250mA - 13W / 200mA - 10.4W / 150mA - 7.8W.



60.9716

Fonte di alimentazione a corrente costante 20W, 220/240V - 50/60Hz con corrente di alimentazione selezionabile tramite NFC. Non dimmerabile.  
Corrente di uscita (Ta>45°C).

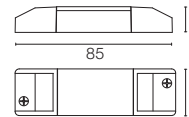
Continuous current power supply 20W, 220/240V - 50/60Hz with power current selected through adjustable NFC. Non Dimmable.  
Output current (Ta>45°C).



500mA  
60.9834.0500  
600mA  
60.9834.0600  
700mA  
60.9834.0700  
800mA  
60.9834.0800  
900mA  
60.9834.0900  
1050mA  
60.9834.1050

Fonte di alimentazione a corrente costante 3W, 220-240V - 50/60Hz con corrente di alimentazione 700 mA non regolabile.

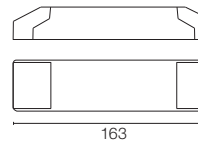
Constant current supply source of 3W, 220-240V - 50/60Hz with non adjustable 700 mA supply voltage.



60.9988

Alimentatore a corrente costante a corrente nominale con programmazione NFC. Preimpostato: 900mA, 36W, 220/240 V - 50/60 Hz. Regolazione Dalí2.

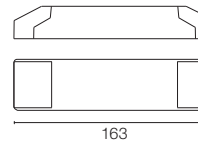
Constant current power supply with programmable power supply current via NFC. Pre-set: 900mA, 36W, 220/240 V - 50/60 Hz. Dimmable by Dalí2.



60.9953

Alimentatore a corrente costante a corrente nominale con programmazione NFC. Preimpostato: 900mA, 36W, 220/240 V - 50/60 Hz. Non regolabile.

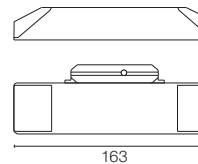
Constant current power supply with programmable power supply current via NFC. Pre-set: 900mA, 36W, 220/240 V - 50/60 Hz. Non Dimmable.



60.9958

Fonte di alimentazione a corrente costante 900mA, 20W, 220-240V - 50/60Hz. Regolazione Casambi.

Constant current supply source of 900mA, 20W, 220-240V - 50/60Hz. Dimmable by Casambi.



06.1974.00

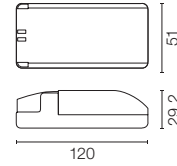


# DRIVER / DRIVERS

## Fonte di Alimentazione a Corrente Costante per LED / Constant Current Power Supply for LED

Alimentatore a corrente costante 20W, 220/240 V - 50/60Hz a corrente nominale con programmazione NFC. Regolazione Dali2.

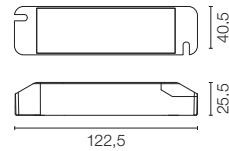
20 W, 220/240 V - 50/60 Hz constant current power supply with programmable power supply current via NFC. Dimmable by Dali2.



200mA - 8.8W  
60.9713.0200  
300mA - 13.2W  
60.9713.0300  
400mA - 17.6W  
60.9713.0400  
500mA - 20W  
60.9713.0500  
600mA - 20W  
60.9713.0600  
700mA - 20W  
60.9713.0700  
800mA - 20W  
60.9713.0800  
900mA - 20W  
60.9713.0900  
1050mA - 20W  
60.9713.1050

Fonte di alimentazione a corrente costante 20W, 220/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch. Regolabile 0-10V/PWM/RX. Corrente di uscita: 500mA - 21W / 450mA - 19W / 400mA - 17W / 350mA - 15W / 300mA - 12W / 250mA - 10W.

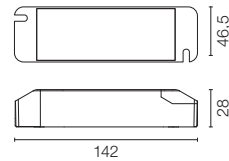
Continuous current power supply 20W, 220/240V - 50/60Hz with power current selected through adjustable switch. Dimmable 0-10V/PWM/RX. Output current: 500mA - 21W / 450mA - 19W / 400mA - 17W / 350mA - 15W / 300mA - 12W / 250mA - 10W.



60.9843

Fonte di alimentazione a corrente costante 40W, 220/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch. Regolabile 0-10V/PWM/RX. Corrente di uscita: 1050mA - 40W / 1000mA - 40W / 950mA - 40W / 900mA - 37W / 850mA - 35W / 800mA - 33W / 750mA - 31W / 700mA - 29W / 650mA - 29W / 600mA - 25W / 550mA - 23W.

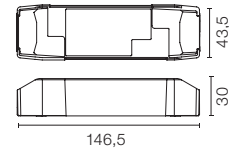
Continuous current power supply 40W, 220/240V - 50/60Hz with power current selected through adjustable switch. Dimmable 0-10V/PWM/RX. Output current: 1050mA - 40W / 1000mA - 40W / 950mA - 40W / 900mA - 37W / 850mA - 35W / 800mA - 33W / 750mA - 31W / 700mA - 29W / 650mA - 29W / 600mA - 25W / 550mA - 23W.



60.9845

Fonte di alimentazione a corrente costante 18W, 100/277V - 50/60Hz con corrente di alimentazione selezionabile tramite switch. Non dimmerabile. Corrente di uscita: 1050mA - 30/38W (100-110V / 120-277V) / 1000mA - 30/38W (100-110V / 120-277V) / 950mA - 30/38W (100-110V / 120-277V) / 900mA - 30/38W (100-110V / 120-277V) / 850mA - 30/35W (100-110V / 120-277V) / 800mA - 30/33W (100-110V / 120-277V) / 750mA - 30/32W (100-110V / 120-277V) / 700mA - 30/31W (100-110V / 120-277V) / 650mA - 29W / 600mA - 27W / 550mA - 24W / 500mA - 22W / 450mA - 20W / 400mA - 18W / 350mA - 15W / 300mA - 13W.

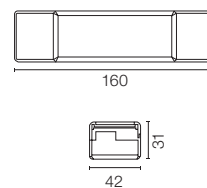
Continuous current power supply 18W, 100/277V - 50/60Hz with power current selected through adjustable switch. Non Dimmable. Output current: 1050mA - 30/38W (100-110V / 120-277V) / 1000mA - 30/38W (100-110V / 120-277V) / 950mA - 30/38W (100-110V / 120-277V) / 900mA - 30/38W (100-110V / 120-277V) / 850mA - 30/35W (100-110V / 120-277V) / 800mA - 30/33W (100-110V / 120-277V) / 750mA - 30/32W (100-110V / 120-277V) / 700mA - 30/31W (100-110V / 120-277V) / 650mA - 29W / 600mA - 27W / 550mA - 24W / 500mA - 22W / 450mA - 20W / 400mA - 18W / 350mA - 15W / 300mA - 13W.



60.9387

Fonte di alimentazione a corrente costante 20W, dimmer 0-10V, 220/240V - 50/60Hz con corrente di alimentazione 900 mA.

Non dimmable continuous current power supply of 20W, dimmable 0-10V, 220/240V - 50/60Hz with power current 900 mA.



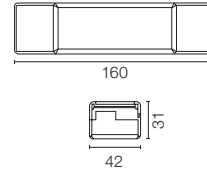
60.9414

# DRIVER / DRIVERS

## Fonte di Alimentazione a Corrente Costante per LED / Constant Current Power Supply for LED

Fonte di alimentazione a corrente costante 20W, dimmer DALI 2, 220/240V - 50/60Hz con corrente di alimentazione 900 mA.

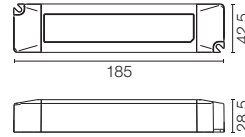
Continuous current power supply of 20W, dimmable DALI 2, 220/240V - 50/60Hz with power current 900 mA.



60.9602

Alimentatore a corrente costante 30W, 220-240V - 50/60Hz, a corrente nominale con programmazione dip-switch. Corrente d'uscita: 900mA - 29.7W / 850mA - 29.7W / 800mA - 30.4W / 750mA - 30W / 700mA - 29.4W / 650mA - 27.3W / 600mA - 25.2W / 550mA - 23.1W

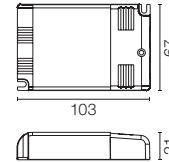
30W, 220-240V - 50/60Hz Constant current power supply, with dip-switch programmable power supply current. Output current: 900mA - 29.7W / 850mA - 29.7W / 800mA - 30.4W / 750mA - 30W / 700mA - 29.4W / 650mA - 27.3W / 600mA - 25.2W / 550mA - 23.1W



60.9692

Fonte di alimentazione a corrente costante 1-32W, 110\*/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 250 mA - 12W / 300 mA - 14W / 350 mA - 17W / 400 mA - 19W / 450 mA - 22W / 500 mA - 24W / 550 mA - 26W / 600 mA - 28W / 650 mA - 31W / 700 mA - 32W, regolabile Dali 2. \*Max. 15W

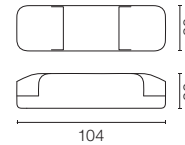
Continuous current power supply of 1-32W, 110\*/240V - 50/60Hz with power current selected through adjustable 250 mA - 12W / 300 mA - 14W / 350 mA - 17W / 400 mA - 19W / 450 mA - 22W / 500 mA - 24W / 550 mA - 26W / 600 mA - 28W / 650 mA - 31W / 700 mA - 32W, Dali 2 switch. \*110V = Max. 15W



60.8711A

Fonte di alimentazione a corrente continua non dimmerabile di 220/240V - 50/60Hz con corrente di alimentazione selezionata tramite interruttore regolabile 350mA - 7.35W / 400mA - 8.4W / 450mA - 9.45W / 500mA - 10.5W

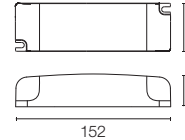
Non dimmable continuous current power supply of 220/240V - 50/60Hz with power current selected through adjustable with switch 350mA - 7.35W / 400mA - 8.4W / 450mA - 9.45W / 500mA - 10.5W



60.9768

Fonte di alimentazione a corrente costante 100/240V - 50/60Hz con corrente di alimentazione selezionabile tramite switch 350mA - 15W / 500mA - 21W / 600mA - 26W / 700mA - 30W regolabile Dali 1, Dali 2

Continuous current power supply of 100/240V - 50/60Hz with power current selected through adjustable 350mA - 15W / 500mA - 21W / 600mA - 26W / 700mA - 30W switch. Dali 1, Dali 2 dimming



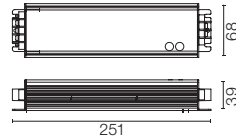
60.9826

# DRIVER / DRIVERS

## Fonte di Alimentazione a Tensione Costante per LED / Constant Voltage Power Source for LED

Alimentatore LED per installazione remota in quadro elettrico 24V/240W. 100/240V.

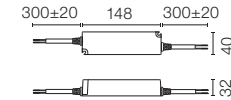
LED power supply source for remote installation in 24V/240W electric control panel. 100/240V.



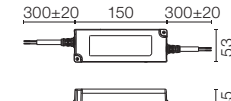
60.8268

Trasformatore elettronico per LED a tensione costante (24V). 100/240V.

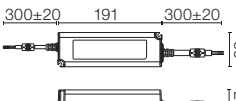
Electronic transformer with constant voltage (24V) for LED. 100/240V.



25W  
60.8703



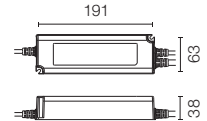
60W  
60.9089



120W  
RF28688

Fonte di alimentazione remota. Regolabile mediante protocollo 0-1/10V. 24V. Intervallo di dimmerazione 0-100%. Carico minimo 20W

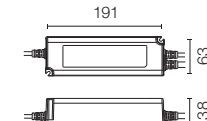
Remote power supply. Dimmable through 0-1/10V. protocol. 24V. Dimming range 10-100%. Minimum load 20W



120W - DIM 0-1/10V  
60.9681

Fonte di alimentazione remota. Regolabile mediante protocollo. 24V. Casambi. Intervallo di dimmerazione 10-100%. Carico minimo 20W

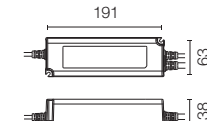
Remote power supply. Dimmable through Casambi protocol. 24V. Dimming range 10-100%. Minimum load 20W



Casambi  
120W - 110/240V  
60.9683

Fonte di alimentazione remota. Regolabile mediante protocollo DALI2. 24V. Intervallo di dimmerazione 10-100%. Carico minimo 20W

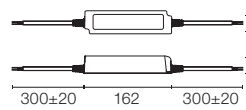
Remote power supply. Dimmable through DALI protocol. 24V. Dimming range 10-100%. Minimum load 20W



DALI  
120W - 110/240V  
60.9880

Trasformatore elettronico per LED a tensione costante (24V). 60W. 100/240V. Per uso indipendente.

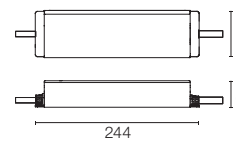
Electronic transformer with constant voltage (24V) for LED. 60W. 100/240V. For independent use.



60.8515

Alimentatore LED per installazione remota in quadro elettrico 24V/200W.

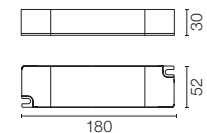
LED power supply source for remote installation in 24V/200W electric control panel.



RF28143

Alimentatore a tensione costante 24V - 60W, 220-240W- 50/60Hz.

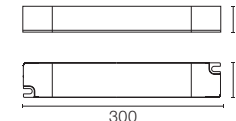
Power supply source with constant voltage 24V - 60W, 220-240W- 50/60Hz.



60.9515

Alimentatore a tensione costante 24V - 120W, 220-240W- 50/60Hz.

Power supply source with constant voltage 24V - 120W, 220-240W- 50/60Hz.



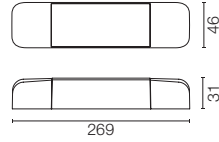
60.9516

# DRIVER / DRIVERS

## Fonte di Alimentazione a Tensione Costante per LED / Constant Voltage Power Source for LED

Alimentatore a tensione costante  
24V - 120W, 220-240W- 50/60Hz.

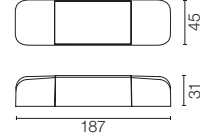
Power supply source with constant  
voltage 24V - 120W, 220-240W-  
50/60Hz.



120W - 220/240V  
60.9777

Alimentatore a tensione costante  
24V - 60W, 220-240W- 50/60Hz.

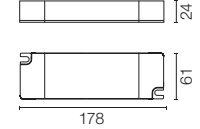
Power supply source with constant  
voltage 24V - 60W, 220-240W-  
50/60Hz.



60.9705

Alimentatore a tensione costante  
24V - 60W, 220-240W- 50/60Hz.

Power supply source with constant  
voltage 24V - 60W, 220-240W-  
50/60Hz.



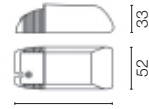
Mains Dimming  
60.9881

# DRIVER / DRIVERS

## Trasformatori Elettronici 12V / 12V Electronic Transformer

Trasformatore elettronico 12V.  
220/240V, 50/60Hz. Possibilità di  
regolazione tramite dimmer trailing &  
leading edge dimming (mains dimming).

12V electronic transformer.  
220/240V, 50/60Hz. Adjustable by  
means of trailing & leading edge  
dimming (mains dimming).



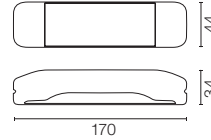
35-105W  
60.9424  
20-70W  
60.9398

Verificare la compatibilità con le lampade LED Retrofit / Please check compatibility with Retrofit LED lamps.

108

Trasformatore elettronico 12V.  
230/240V, 50-225W.

12V electronic transformer. 230/240V,  
50-225W.



60.8364

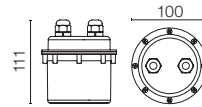
Verificare la compatibilità con le lampade LED Retrofit / Please check compatibility with Retrofit LED lamps.

170

## Trasformatori Convenzionali 12V / 12V Conventional Transformer

Trasformatore ferromagnetico 12V.  
230V, 50/60Hz. IP67. Cavo primario:  
75 cm, cavo secondario: 145 cm.

12V conventional transformer. 230V -  
50/60Hz. IP67. Primary wire: 75 cm,  
secondary wire: 145 cm.



50W  
60.8311

## Mains Dimming – Disclaimer

Si consiglia l'uso di un dimmer compatibile con l'alimentatore dimmerabili (a fase ascendente/a fase discendente). È responsabilità del cliente controllare la compatibilità del dimmer con l'apparecchio Flos.  
I dimmer non compatibili con l'illuminazione LED possono danneggiare l'apparecchio d'illuminazione, il driver e/o il dimmer. Per questo se ne sconsiglia l'uso, declinando tutte le responsabilità in caso contrario.  
Esistono differenti gradi d'intensità luminosa a seconda del modello, del numero degli apparecchi d'illuminazione che sono stati collegati a un solo dimmer, del driver e del dimmer utilizzato.  
La potenza massima installata su un solo dimmer non deve superare l'80 % della potenza nominale del dimmer utilizzato.

A dimmer compatible with mains dimming (leading/trailing edge) must be used.

Customer needs to check the compatibility between the dimmer used and the Flos luminaire.

Using dimmers that are not suitable for LED lighting can damage the luminaire, the driver and/or the dimmer. Therefore, their use is discouraged and any liability thereof is disclaimed.

The dimming range may vary depending on the model and the number of luminaires installed per dimmer, the driver and the dimmer used.

The maximum power installed per dimmer must not exceed 80% of the nominal power of the dimmer used.

# LED ARRAY

## **Controllo Maggiore Controllo Ottico**

Il modulo LED Array dispone di una superficie ad alta densità luminosa che consente, tramite riflettori, di controllare la luce in modo molto efficace. È possibile ottenere una grande varietà di angoli di apertura, ed è quindi adatto a qualunque tipo di applicazione.

## **Control Greater Optical Control**

The LED Array module has a high-density light surface that allows the light to be effectively controlled through reflectors. A wide variety of opening angles can be obtained, thereby catering for any application.

## **Senza Pixelazione Luce Bianca senza Pixelazione**

Il LED Array, grazie alla sua configurazione, dà un bianco uniforme, senza variazione di colore. Inoltre, per tutta la sua durata, il modulo garantisce un eccezionale mantenimento del flusso luminoso e della temperatura del colore.

## **No Pixellation White Light without Pixellation**

Due to its configuration, the LED Array achieves a uniform standard of whites with no change in colour. In addition, during the useful life of the module, an exceptional maintenance of the luminous flow and colour temperature is obtained.

## **Riduzione dei Costi Riduzione dei Costi Operativi**

Con questa soluzione LED, si ottiene una notevole riduzione dei costi di manutenzione, grazie alla lunga durata con un flusso luminoso minimo del 70%. L'energia consumata si riduce fino al 75% rispetto alle fonti di illuminazione tradizionali.

## **Cost Reduction Reduction in Operating Costs**

With this LED solution, there is a drastic reduction in maintenance costs due to its long useful life with a minimum luminous flow of 70 %. The energy consumed is reduced by 75 % compared to traditional lighting sources.

## **Applicazione in Campo "Retail" Fonte Luminosa per Applicazione in Campo "Retail"**

Il flusso luminoso non contiene raggi IR o UV, i quali danneggiano i tessuti o provocano un prematuro deterioramento dei generi alimentari. L'eliminazione del calore nel fascio luminoso si traduce in una riduzione dei costi per aria condizionata.

## **Retail Application Light Source for Retail Application**

The luminous flow contains no IR or UV radiation, which cause damage to clothing or the premature spoiling of food. The elimination of heat in the light beam is transformed into a reduction in air conditioning costs.

## **Riflettori Resa Luminosa**

Il modulo LED Array non è una sorgente puntiforme. La luce è emessa tramite l'area della resina della matrice LED. Questa struttura influisce quando si fanno calcoli illuminotecnici e sul controllo dell'angolo di apertura del LED. Per questo motivo, il corretto controllo luminoso si ottiene tramite riflettori. Questi riflettori si possono realizzare in termoplastica metallizzata, in quanto non vi sono esigenze termiche legate alla sorgente luminosa. Potendosi realizzare con termoplastica, il design offre una maggiore flessibilità ed è possibile ottimizzare la superficie riflettente con forme non fattibili con i riflettori tradizionali in alluminio, con una resa del 90%. È possibile ottenere angoli di apertura da 20° fino a circa 60°.

## **Reflectors Light Performance**

The LED module is not a point source. The light is emitted through the LED matrix resin area. This construction has an influence when making light calculations and controlling the LED opening angle. As a result, the best way to perform this light control is using reflectors. These reflectors may be made of metallic thermoplastic material since there is no thermal demand on the light source. As they can be made of thermoplastic, there is greater flexibility in their design and the reflecting surface can be optimised with non-viable forms with traditional aluminium reflectors, with a performance of 90 %. Opening angles of between approximately 20° and 60° can be obtained.

## POWER LED

### **Fascio di Luce** **Fascio di Luce Stretto**

Essendo la sorgente luminosa è puntiforme il controllo ottico deve essere realizzato mediante lenti. Tale controllo ottico consente la riduzione del fascio di luce fino ad angoli molto chiusi. Per questo, in applicazioni in cui è necessaria una grande densità di luce, questa è la sorgente luminosa più adeguata.

### **Light Beam** **Closed Light Beam**

Due to the fact that the light comes from a point source, optical control must be carried out using lenses. This optical control allows for the reduction of the light beam to very closed angles. For this reason, this is the most appropriate light source in applications which require a high light density.

### **Design** **Libertà di Design**

I power LED si montano su schede elettroniche. Queste si possono progettare secondo un'infinità di dimensioni e forme: il design completo della sorgente luminosa (scheda elettronica + LED + lenti) è caratterizzato da un'estrema flessibilità e libertà. Tale flessibilità lo distingue dalle fonti luminose tradizionali.

### **Design** **Freedom of Design**

The power LEDs are mounted on electronic board. These electronic boards can be designed in many different sizes and shapes, so that the complete light source design (electronic board + LED + Lenses) is extremely flexible and has great freedom. This flexibility makes it different from traditional light sources.

### **Colore** **Ampia Gamma di Temperature di Colore**

I power LED sono discreti e si possono scegliere in un'ampia varietà di temperature di colore. Si stabiliscono dei "bin" (intervalli dello spettro cromatico) in cui si garantisce che i LED dispongano di una variazione cromatica minima rispetto alla temperatura di colore selezionata.

### **Colour** **Wide Range of Colour Temperatures**

The power LEDs are discreet, and can be selected in a wide range of colour temperatures. Bins are established (chromatic spectrum ranges) in which it is guaranteed that the LEDs have a minimum chromatic change with respect to the colour temperature selected.

## TOP LED

### **Fascio di Luce** **Luce Diffusa**

Grazie alla loro forma geometrica, sono eccellenti per applicazioni in cui non vi sono requisiti di luce diretta, come nel caso di luce indiretta o dispositivi di illuminazione con diffusore incorporato.

### **Light Beam** **Diffuse Light**

Given their geometry, they are excellent for applications that have no directed light requirements, such as indirect light or luminaires.

### **Alimentazione** **Tensione 24V**

Con le loro dimensioni compatte e la loro alimentazione semplice, i "Top LED" offrono molteplici soluzioni differenti al momento di progettare un circuito stampato. La facile alimentazione tramite fonti di tensione costante a 12/24 V, con possibili montaggi e connessioni in parallelo, unitamente alla possibilità di creare design raggruppati e irregolari, li rendono i candidati perfetti quando è necessario progettare una fonte luminosa lontana dai canoni stabiliti dalle fonti di luce tradizionali.

### **Power Supply** **Voltage 24V**

Given their compact dimensions and simple power supply, the "Top LED" offer dozens of different solutions for designing a printed circuit. Their easy power supply using constant 12/24V voltage supplies with possible assemblies and connections in parallel, together with the possibility of creating grouped and irregular designs, make them the perfect candidate when a light source far from the conventions set my traditional light sources is necessary.

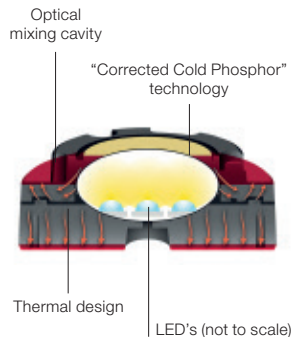
### **Colore** **Ampia Gamma di Temperature di Colore**

I "Top LED", come i "Power LED", sono disponibili in una vasta gamma di temperature di colore distribuite lungo lo spettro cromatico. La scelta stabilita verrà definita dal relativo bin, garantendone l'omogeneità all'interno di esso.

### **Colour** **Wide Range of Colour Temperatures**

The "Top LED" like the "Power LED" are available in a large range of colour temperatures distributed throughout the entire chromatic spectrum. The selection made will be defined by its bin guaranteeing its homogeneity in it.

# REMOTE PHOSPHOR LED



## Coerenza del Colore e Omogeneità Cromatica

Il modulo LED al fosforo remoto è disponibile in un intervallo di temperature di colore da 2700K, 3000K e 4000K. Ciascuna delle suddette temperature di colore sono esattamente posizionate nel BBL (Black Body Locus) per garantire una perfetta luce bianca. La tolleranza di selezione dei LED è di 1x2 nell'ellisse di MacAdam, migliorando la specifica ANSI C78.377.

## Consistency Colour and Chromatic Homogeneity

The remote phosphor LED module is available in a colour temperature range of 2700K, 3000K and 4000K. Each of these colour temperatures is exactly positioned in the BBL (Black Body Locus) to guarantee perfect white light. The LEDs selection tolerance is 1x2 in the MacAdam ellipse, improving the ANSI C78.377 specification.

## Uniforme Fascio di Luce

Le lampadine alogene o i LED Array possono subire variazioni di luce su una superficie illuminata a causa dell'assenza di uniformità tipica della fonte luminosa. Il modulo al fosforo remoto ha una superficie di emissione luminosa uniforme, che si riflette in un perfetto fascio di luce senza ombre né variazioni di colore.

## Uniform Light Beam

Halogen lamps or LED Arrays may suffer changes in light on an illuminated surface, due to the non-uniformity of the light source. The remote phosphor module has a uniform light-emitting surface that is reflected in a perfect beam of light without shadows or changes in colour.

## Riproduzione Alta Cromatica

Con la versione "Artist", attraverso l'ideale combinazione della gamma di LED e le specifiche al fosforo, si ottiene un CRI al di sopra del 95. Questo modulo è stato ottimizzato per ottenere eccellenti risultati nei colori più saturi. Per il rosso, si ottiene un valore al di sopra del 90. Queste cifre non solo superano quelle di altre soluzioni LED ma migliorano anche i risultati delle lampadine tradizionali fluorescenti o ad alogenuri metallici.

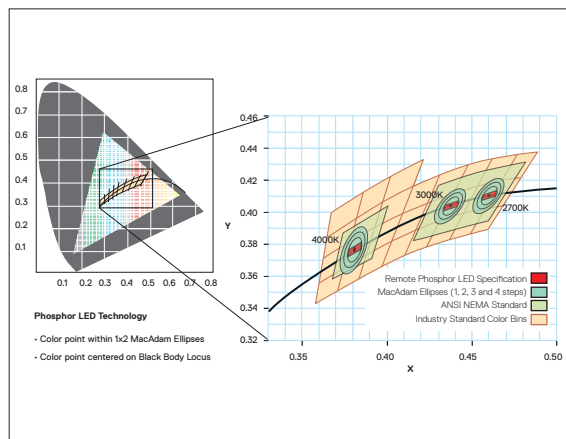
## Reproduction High Chromatic

With the "Artist" version; through the correct combination of the LEDs selection and phosphor specifications, a CRI above 95 is obtained. This module has been optimised to obtain excellent results in the most saturated colours. For the red, a value above 90 has been obtained. These numbers not only surpass those of other LED solutions, but improve the results of traditional fluorescent or metal halogenide lamps.

# COLOUR RENDERING CHART

A comparison between the Phosphor LED (Artist Series) and other lighting sources  
Note: 2700K and 4000K perform similarly

	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
Artist Series XTM	98	98	99	98	98	98	97	98	98	96	99	98	88	98	98	98
Typical IR coated Halogen Dichroic	98	98	99	99	99	98	98	99	97	92	97	98	97	98	99	97
Typical Compact Halogen Metal Halide	82	90	94	69	82	81	81	87	71	27	59	62	55	93	78	88
Typical Compact Fluorescent	87	91	93	86	91	89	90	88	70	17	76	91	81	93	92	81



Independent measurements by University College London



# SIMBOLOGIA / PICTOGRAPHY

## Grado di Protezione Degree of Protection



Indice di protezione contro la penetrazione di corpi solidi e di liquidi.

Protection degree offered by the fixture to the ingress of solids and liquids.



1a cifra: protezione contro la penetrazione dei corpi solidi.

1st figure: protection against penetration by solid bodies.

- 0 Nessuna protezione.
- 1 Protezione contro i corpi solidi di dimensioni superiori a 50 mm.
- 2 Protezione contro i corpi solidi di dimensioni superiori a 12 mm.
- 3 Protezione contro i corpi solidi di dimensioni superiori a 2,5 mm.
- 4 Protezione contro i corpi solidi di dimensioni superiori a 1 mm.
- 5 Protezione contro la polvere.
- 6 Totalmente protetto contro la polvere.

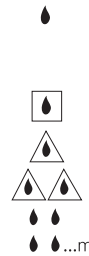
- 0 No protection.
- 1 Protected against solid bodies over 50 mm in diameter.
- 2 Protected against solid bodies over 12 mm in diameter.
- 3 Protected against solid bodies over 2,5 mm in diameter.
- 4 Protected against solid bodies over 1 mm in diameter.
- 5 Protected against dust.
- 6 Fully protected against dust.



2a cifra: protezione contro l'infiltrazione di acqua.

2nd figure: protection against penetration by water.

- 0 Nessuna protezione.
- 1 Protezione contro la caduta in verticale di gocce d'acqua.
- 2 Protezione contro la caduta in verticale di gocce d'acqua con angolo di inclinazione max di 15°.
- 3 Protezione contro la caduta in verticale di gocce d'acqua con angolo di inclinazione max di 60°.
- 4 Protezione contro gli spruzzi d'acqua.
- 5 Protezione contro i getti d'acqua.
- 6 Protezione contro le ondate d'acqua.
- 7 Protezione contro l'immersione.
- 8 Protezione contro l'immersione prolungata.



- 0 No protection.
- 1 Protected against drops of water falling vertically.
- 2 Protected against drops of water at a max. inclination of 15 degrees.
- 3 Protected against drops of water at a max. inclination of 60 degrees.
- 4 Protected against splashed of water.
- 5 Protected against jets of water.
- 6 Protected against waves.
- 7 Protected against immersion.
- 8 Protected against long term immersion.

## Simbologia Pictography



Apparecchio idoneo per essere installato su superfici normalmente infiammabili.

Luminaire with builtin power packs or transformers, suitable for mounting directly onto normally inflammable surfaces.



Ballast convenzionale.

Conventional Ballast.



Supera la prova del Filo Incandescente (Glow Wire Test) a 850°C conforme alla norma IEC 60695-2-10.

Passes Glow Wire Test at 850°C according to standard IEC 60695-2-10.



Apparecchi di illuminazione progettati esclusivamente per l'uso di lampade alogene al tungsteno o lampade di alogenuri metallici con paralume protettivo proprio.

Luminaires designed to exclusively use wolfram halogen lamps or metal halide lamps with own protection screen.

## Classi di Isolamento delle Lampade Luminaires Classification



Class I

Lampada la cui protezione contro la scarica elettrica non si basa solo sull'isolamento di base dell'apparecchio, ma su un ulteriore sistema di sicurezza che consiste nel collegamento dei componenti conduttivi accessibili a un conduttore di sicurezza (messa a terra) facente parte dell'impianto elettrico fisso.

Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of connecting the accessible conductive parts to a safety conductor (earth).



Class II

Lampada la cui protezione contro la scarica elettrica non si basa solo sull'isolamento di base dell'apparecchio, ma su un ulteriore misura di sicurezza che consiste in un doppio isolamento rinforzato senza dispositivi per la messa a terra.

Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of double reinforced insulation without conductive parts to a safety conductor (earth).



Class III

Lampada la cui protezione contro la scarica elettrica si basa su un sistema a bassissima tensione, che non viene mai superata. Una lampada di Classe III non deve mai essere fornita con la messa a terra.

Luminaire in which protection against electrical shocks is based on the very low safety supply voltage and no voltages are produced higher than this. A Class III luminaire must never be provided with earthing.

## Omologazioni Homologations



Tutte le lampade prodotte e presentate in questo programma sono state realizzate in conformità con la Norma Europea EN 60 598 e sono pertanto conformi ai requisiti definiti nella Direttiva CEE 73/23 (Direttiva di Bassa Tensione). La loro realizzazione garantisce anche la conformità alla Direttiva 89/336 per quanto concerne la Compatibilità Elettromagnetica. Tutti i prodotti rientranti nel campo di applicazione delle suddette Direttive riportano la marcatura CE, che ne attesta la conformità ai relativi requisiti.

All lamps manufactured and illustrated in this catalog comply with European Standard EN 60 598 and consequently meet the requirements set forth in Directive 73/23 EEC (Low Voltage Directive). They also comply with Directive 89/336 covering electromagnetic compatibility. All products falling under the scope of the above-mentioned Directives bear the CE mark as proof of their compliance with the respective requirements.



La presenza del marchio ENEC sul prodotto conferma l'adempimento della Normativa Europea e garantisce l'affidabilità del sistema organizzativo e produttivo responsabile della fabbricazione del prodotto, attraverso un ente di certificazione accreditato. Il marchio ENEC conferma il nostro impegno ed è la migliore garanzia in tema di sicurezza e qualità di tutti i nostri prodotti.

The ENEC mark on the product stands for the compliance of European Standard as well as a trustworthy organisation and product system and is guaranteed by an accredited certification body. This agreed mark stands for our engagement and represents the best guarantee in security and quality matter of our products.



L'associazione spagnola per la normazione e la certificazione, AENOR, certifica che il Sistema di Gestione Integrato Qualità e Ambiente adottato da Antares Iluminación S.A. È conforme ai requisiti delle norme europee EN ISO 9001:2015 Sistema di gestione della qualità e EN ISO 14001:2015 Sistema di gestione ambientale.

The Spanish association for standardization and certification, AENOR, certifies that the Integrated Quality and Environmental Management System adopted by Antares Iluminación S.A. It complies with the requirements of the European Standards EN ISO 9001:2015 Quality Management System and EN ISO 14001:2015 Environmental Management System.



L'Organismo di Certificazione QCERT S.A.S. studia la conformità dei nostri prodotti per la commercializzazione in Colombia, in base alla normativa nazionale ed internazionale vigente. Questo certificato di prodotto permette a produttori e distributori di espandere il loro mercato ed ottenere un vantaggio competitivo che andrà oltre le frontiere del mercato locale, potenziando il commercio a livello internazionale.

The QCERT S.A.S. Certification Body evaluates the conformity of our products to enable their placement on the Colombian market while taking into account the current national and international regulations. This product certification allows manufacturers and marketers to expand their markets and gain a competitive advantage that can transcend the boundaries of the local market while enhancing international trade.



Creata da IECEE, sistema di certificazione CB basato sulle Norme Internazionali IEC, riconosciuto in Arabia Saudita, Argentina, Australia, Austria, Bahrein, Belgio, Bielorussia, Brasile, Bulgaria, Canada, Cina, Colombia, Croazia, Danimarca, Emirati Arabi Uniti, Finlandia, Francia, Germania, Giappone, Grecia, India, Indonesia, Irlanda, Israele, Italia, Kenia, Libia, Malesia, Messico, Norvegia, Nuova Zelanda, Paesi Bassi, Pakistan, Polonia, Portogallo, Regno Unito, Repubblica Ceca, Repubblica di Corea, Romania, Russia, Serbia, Singapore, Slovacchia, Slovenia, Spagna, Stati Uniti, Sudafrica, Svezia, Svizzera, Thailandia, Turchia, Ucraina, Ungheria e Uruguay.

Created by IECEE, the CB certification system based on the IEC International Standards is recognized in Saudi Arabia, Argentina, Australia, Austria, Bahrain, Belgium, Belarus, Brazil, Bulgaria, Canada, China, Colombia, Croatia, Denmark, United Arab Emirates, Finland, France, Germany, Japan, Greece, India, Indonesia, Ireland, Israel, Italy, Kenya, Libya, Malaysia, Mexico, Norway, New Zealand, Netherlands, Pakistan, Poland, Portugal, United Kingdom, Czech Republic, Republic of Korea, Romania, Russia, Serbia, Singapore, Slovakia, Slovenia, Spain, United States, South Africa, Sweden, Switzerland, Thailand, Turkey, Ukraine, Hungary and Uruguay.

**Dati Fotometrici  
Photometric Data**

Con il passare del tempo, è aumentato il numero di input visivi ai quali l'uomo è esposto. Attualmente, sembra che circa il 75% delle informazioni elaborate dall'uomo per rapportarsi al proprio ambiente siano ricevute attraverso gli occhi, che funzionano in modo simile ad una macchina fotografica, utilizzando la luce emessa o riflessa dagli oggetti presenti in un determinato ambiente. Ciò significa che le informazioni elaborate dal cervello dipendono fortemente dai livelli, dal tipo di luce, e dal modo con cui tale ambiente viene illuminato.

Con la documentazione fotometrica redatta (in particolare tramite il programma di calcolo) intendiamo fornire ai progettisti illuminotecnici il materiale necessario per la realizzazione dei progetti di illuminazione rispondenti all'attuale normativa EN 12464-1 in termini di adeguata distribuzione della luce, comfort visivo, massima efficienza luminosa e quindi consumo energetico ridotto al minimo possibile. Per sfruttare al massimo le possibilità del programma di calcolo, è essenziale disporre di tutte le informazioni necessarie sui prodotti da utilizzare.

**Norma EN 12464-1**

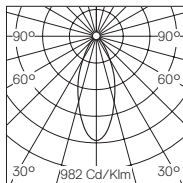
Specifica i requisiti illuminotecnici per soddisfare le esigenze delle prestazioni visive nei diversi ambienti in interni, ed in particolare nei posti di lavoro, anche muniti di videoterminali, prescrivendo i valori degli illuminamenti medi  $E_m$ , dell'indice di resa cromatica  $R_a$ , del comfort visivo UGR.

Indice unificato di abbagliamento UGR (Unified Glare Rating)

Definisce la classe di abbagliamento molesto causato dall'impianto di illuminazione in un interno, tenendo conto della tipologia degli apparecchi, delle caratteristiche di riflessione e dimensionali dei locali, della posizione degli osservatori.

Ad esempio per postazioni CAD le norme EN 12464-1 prescrivono  $E_m = 500 \text{ lx}$ ,  $R_a = 80$ ,  $UGR \leq 19$ .

**Rappresentazione Grafica delle Caratteristiche di Emissione Luminosa**



La distribuzione delle intensità luminose emesse da un apparecchio viene rappresentata con un diagramma polare relativo ad uno o più piani C che sezionano l'apparecchio passando per il suo baricentro luminoso. I piani e le intensità sono definiti da un sistema di coordinate sferiche (C,  $\gamma$ , I). Le curve congiungenti gli estremi dei vettori intensità su un piano C si chiamano curve fotometriche o indicatori di emissione.

Il numero dei piani sezione C è prescritto dalle raccomandazioni CIE, e richiamato nella Norma Europea relativa ai rilievi fotometrici e presentazione dei dati (CEN 13 032-1).

Per apparecchi che presentano emissioni rotosimmetriche l'emissione luminosa viene data da un'unica curva. In tutti gli altri casi la rappresentazione grafica viene data almeno dai piani trasversale (C0-180) e longitudinale (C90-270).

Per apparecchi che possono montare lampade geometricamente uguali ma con flussi luminosi differenti, generalmente si accetta che il diagramma polare delle intensità venga rappresentato per un flusso luminoso ideale di 1.000 lumen e quindi espresso in cd/klm.

Per fonti luminose con ottica incorporata i valori dell'intensità luminosa massima forniti in questo catalogo sono assoluti (cd) e non si riferiscono ad un flusso normalizzato di 1.000 lm, mentre nelle altre fonti gli stessi valori corrispondono ad un flusso ideale di 1.000 lm (cd/klm).

Per prodotti LED che incorporano elettronica di controllo e dissipatore di calore, e che possono essere alimentati sia a tensione di rete che con alimentatore DC, includendo apparecchi di illuminazione LED completi muniti di moduli LED non sostituibili, il metodo di prova LM-79 utilizza la fotometria assoluta per misurare direttamente il flusso luminoso totale per una configurazione particolare.

La distribuzione reale della luce e l'intensità luminosa si misurano direttamente dall'apparecchio di illuminazione completo.

With the passing of time, we have been exposed to a rising number of visual impacts. It is currently estimated that about 75% of the information we process when relating to our surroundings is received through our eyes, which work very much like a camera, through the light that is emitted or reflected from objects in a given environment. This means that the information processed by the brain is heavily reliant on the level and type of light, and how this environment is illuminated.

The photometric documentation that has been prepared (especially through the calculation program) aims to provide lighting designers with the material they need to develop lighting projects that comply with the EN 12464-1 standard now in force, in terms of sufficient light distribution, visual comfort, maximum lighting efficiency and consequently, the lowest possible energy consumption. In order to make the most of the calculation program, it is essential to have all the necessary information on the products to be used.

**EN 12464-1 Standard**

Sets the technical lighting requirements that satisfy the needs of indoor visual performance, especially in workplaces, even when visual display terminals are used, by prescribing the average illuminance values  $E_m$ , color rendering  $R_a$ , visual comfort UGR.

UGR (Unified Glare Rating)

Classifies the discomfort glare caused by an indoor lighting system, taking into account the kind of luminaires, the reflecting features and size of the rooms, the position of the observers.

For example, for CAD workstations, EN 12464-1 standards set  $E_m = 500 \text{ lx}$ ,  $R_a = 80$ ,  $UGR \leq 19$ .

**Diagram of the Characteristics of Light Output**

Luminous intensity distribution is presented in the form of a polar plot of one or more C planes that cross-section the luminaire, passing through its light center of gravity. The planes and the intensity are shown by means of a system of spherical coordinates (C,  $\gamma$ , I). The curves that join the ends of the intensity vectors on a C plane are called photometric curves or output indicators.

The number of C-section planes is prescribed by CIE recommendations, and is referred to in the European Standards on photometric measurements and data presentation (CEN 13 032-1).

For revolving or symmetrical luminaires, light output is shown as a single curve. In all the other cases, the diagram shows the horizontal (C0-180) and longitudinal (C90-270) planes at least.

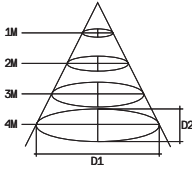
For luminaires that can be fitted with light sources that are geometrically the same but with different luminous fluxes, it is generally accepted that the polar plot shows an ideal luminous flux of 1,000 lumen and is therefore expressed in cd/klm.

For light sources that include reflectors, the maximum luminous intensity values provided in this catalogue are absolute (cd) and do not refer to a standard 1,000 lm flux. For other sources, the same values correspond to an ideal 1,000 lm (cd/klm) flux.

For LED-based products incorporating control electronics and heat sinks, products requiring only line voltage or DC power supply, including complete LED luminaires with no replaceable integrated LED sources, the LM-79 test method uses absolute photometry to directly measure total lumen output for a particular configuration.

The real distribution of light and light intensity are measured directly for the complete luminaire.

E(lx/Klm)	D(m)
1	4918 0.20
2	1229 0.40
3	546 0.60
4	307 0.80
5	197 0.99



## Illuminamento (rappresentato con il Simbolo E)

L'illuminamento medio espresso in lux (lx) su una superficie è il quoziente tra il flusso luminoso, espresso in lumen (lm) che investe la superficie e la misura ( $m^2$ ) della superficie stessa. A seconda delle esigenze si possono calcolare illuminamenti orizzontali (per es. sulla scrivania: per leggere), verticali (illuminazione di un campo sportivo: per riconoscere gli atleti), semicilindrici (arredo urbano: per identificare chi ci viene incontro). In qualche caso, per es. nell'impiego di faretti o di lampade con riflettore incorporato, la rappresentazione delle prestazioni viene semplificata mediante tabelle dette "coni di luce" che riportano sia i valori degli illuminamenti medi e massimi, sia i diametri della macchia luminosa in relazione alle distanze dal piano rispetto all'apparecchio. L'angolo al vertice del cono di luce è l'apertura del fascio dell'apparecchio, ossia l'angolo descritto dal vettore intensità quando il suo modulo sia maggiore della metà dell'intensità massima. L'illuminamento viene espresso in lux per ogni 1.000 lm (lx/klm). Per fonti luminose con ottica incorporata, i valori degli illuminamenti medi e massimi sono assoluti, mentre per le altre fonti, essi corrispondono a un flusso ideale di 1.000 lm.

## Isolux

Su una superficie, i risultati fotometrici di un impianto di illuminazione possono essere graficamente rappresentati mediante "isolux" ossia linee che collegano i punti con il medesimo illuminamento. Le isolux consentono di valutare in modo rapido, anche se approssimato il valore medio e l'uniformità dell'illuminamento.

## Classificazione Fotometrica degli Apparecchi

Considerando la caratterizzazione della distribuzione del flusso luminoso e secondo diverse relazioni fra il flusso emesso da una lampada nell'emisfero superiore e inferiore, nonché il rapporto fra i diversi rendimenti, è possibile caratterizzare un apparecchio in conformità a differenti raccomandazioni e standard: CIE, DIN 5040, UTE, e CIBSE LG3.

## CIE

Rappresentazione della distribuzione del flusso emesso dall'apparecchio all'interno di coni con angoli di apertura definiti; l'ultimo numero della serie fornisce il rendimento totale dell'apparecchio.

Gli apparecchi illuminanti vengono classificati in base a cinque numeri (codici CIE)

$$N_1 = F_1/F_4 \quad N_2 = F_2/F_4 \quad N_3 = F_3/F_4 \quad N_4 = F_4/F_5 \quad N_5 = F_5/F = \text{rendimento}$$

Dove:

$F_1$  è il flusso emesso nel cono di angolo solido  $\pi/2$ , angolo al vertice  $83^\circ$

$F_2$  è il flusso emesso nel cono di angolo solido  $\pi$ , angolo al vertice  $120^\circ$

$F_3$  è il flusso emesso nel cono di angolo solido  $3\pi/2$ , angolo al vertice  $151^\circ$

$F_4$  è il flusso emesso nel cono di angolo solido  $2\pi$ , angolo al vertice  $180^\circ$

$F_5$  è il flusso emesso nel cono di angolo solido  $4\pi$ , angolo al vertice  $360^\circ$

F è il flusso installato.

## Illuminance (shown as E)

The average illuminance expressed in lux (lx) on a surface is the quotient resulting from the luminous flux, expressed in lumen (lm), on the surface and the dimension ( $m^2$ ) of the surface itself. Depending on the need, the illuminance value can be horizontal (e.g. on a desk: for reading), vertical (illumination of a sports fields: to see the players), semi-cylindrical (urban fittings: to see who is coming towards us).

In some cases, for example when using spotlights or lamps with a reflector, the performance features are simply shown by means of tables called "light cones" showing both the average and maximum illuminance values, as well as the diameter of the luminous spot, in relation to the distance of the plane from the luminaire. The vertex angle of the light cone is the luminaire's beam, that is, the angle formed by the intensity vector when its module is greater than half of the maximum intensity.

Illuminance is expressed in lux per 1,000 lm (lx/klm). For light sources that include reflectors, the average and maximum illuminance values are absolute. For other sources, they correspond to an ideal 1,000 lm flux.

## Isolux

The photometric results of a lighting installation can be shown on a surface using an "Isolux", that is, lines connecting the points with the same illuminance. Isolux diagrams are used to quickly determine, albeit in an approximate manner, the average value and uniformity of the illuminance.

## Photometric classification of luminaires

Using the classification of luminous flux distribution and using the various ratios between the flux emitted by a luminaire in the upper and lower hemispheres, as well as the ratio of their different yields, a luminaire can be classified on the basis of different recommendations and standards: CIE, DIN 5040, UTE, and CIBSE LG3.

## CIE

Diagram of flux distribution by a luminaire inside cones with specific angles; the last number of the series provides the total output ratio of the luminaire. Illuminating luminaires are classified on the basis of five numbers (CIE codes)

$$N_1 = F_1/F_4 \quad N_2 = F_2/F_4 \quad N_3 = F_3/F_4 \quad N_4 = F_4/F_5 \quad N_5 = F_5/F = \text{yield}$$

Where:

$F_1$  is the flux emitted in the solid angle cone  $\pi/2$ , vertex angle  $83^\circ$

$F_2$  is the flux emitted in the solid angle cone  $\pi$ , vertex angle  $120^\circ$

$F_3$  is the flux emitted in the solid angle cone  $3\pi/2$ , vertex angle  $151^\circ$

$F_4$  is the flux emitted in the solid angle cone  $2\pi$ , vertex angle  $180^\circ$

$F_5$  is the flux emitted in the solid angle cone  $4\pi$ , vertex angle  $360^\circ$

F is the installed flux.

**DIN 5040**

La classificazione fotometrica degli apparecchi è costituita da una lettera e due numeri. La lettera indica la distribuzione luminosa partendo dalla A: diretta concentrata, fino ad E: indiretta. La prima cifra indica la percentuale di flusso luminoso emesso nell'emisfero inferiore (diretta). La seconda cifra indica la percentuale di flusso nell'emisfero superiore (indiretto).

**DIN 5040**

The photometric classification of luminaires consists of a letter and two numbers. The letter indicates the luminous distribution starting from A: direct concentrated to E: indirect. The first number indicates the percentage of luminous flux emitted in the lower hemisphere (direct). The second number indicates the percentage of luminous flux in the upper hemisphere (indirect).

**UTE**

La classificazione fotometrica degli apparecchi è costituita da un numero che indica il rendimento diretto seguito da una lettera che indica la distribuzione luminosa partendo da A per il fascio stretto fino a J per il semindiretto. Nel caso in cui l'apparecchio avesse anche un'emissione indiretta (superiore), si aggiungerebbe il rendimento indiretto seguito dalla lettera "T". Ad esempio per un apparecchio che emetta il 30% del suo flusso verso il basso e il 35% del flusso verso l'alto, con un'emissione seminidiretta, il codice UTE sarebbe 0,30J + 0,35T.

**UTE**

The photometric classification of luminaires consists of a number that indicates the direct output ratio followed by a letter that indicates the luminous distribution starting from A for a narrow angle to J for semi-indirect. Should the luminaire also have indirect emission (upper hemisphere), the indirect yield followed by the letter "T" is added. For example, for a luminaire emitting 30% of its flux downwards and 35% upwards, with a semi-indirect emission, the UTE code would be 0.30J + 0.35T.

**CIBSE LG3**

Con le modifiche al Lighting Guidance 3 del 2001 il sistema di classificazione per categorie (Cat) è stato abolito per uniformarsi alla normativa Europea EN 12464-1.

Questa normativa inglese classificava gli apparecchi in tre categorie secondo la luminanza su quattro piani: C0-180, C90-270, C135-315 e C225-45.

Erano classificate come CIBSE LG3 Cat 1 gli apparecchi aventi luminanza inferiore a 200 cd/m<sup>2</sup> per angoli di osservazione  $\gamma$  a partire da 55°.

Erano classificate CIBSE LG3 Cat 2 gli apparecchi aventi luminanza inferiore a 200 cd/m<sup>2</sup> per angoli di osservazione  $\gamma$  a partire da 65°.

Erano classificati CIBSE LG3 Cat 3 gli apparecchi aventi luminanza inferiore a 200 cd/m<sup>2</sup> per angoli di osservazione  $\gamma$  a partire da 75°.

**CIBSE LG3**

With the amendment of Lighting Guidance 3 in 2001, the category classification system (Cat) was abolished to conform to European Standard EN 12464-1.

This British Standard classified luminaires in three luminance categories: C0-180, C90-270, C135-315 and C225-45.

CIBSE LG3 Cat 1 if luminance was lower than 200 cd/m<sup>2</sup> starting at a 55° observation angle  $\gamma$ .

CIBSE LG3 Cat 2 if luminance was lower than 200 cd/m<sup>2</sup> starting at a 65° observation angle  $\gamma$ .

CIBSE LG3 Cat 3 if luminance was lower than 200 cd/m<sup>2</sup> starting at a 75° observation angle  $\gamma$ .

**Filtri Colorati**

L'applicazione di filtri colorati ad un apparecchio di illuminazione consente di modificare le caratteristiche foto-colorimetriche, ad esempio la temperatura del colore della lampada, adeguandola alle esigenze di un'illuminazione di accento o di una ambientazione particolare.

L'utilizzo di filtri determina, inoltre, una riduzione dell'emissione luminosa di entità variabile in funzione delle caratteristiche del filtro.

**Colored Filters**

The use of colored filters in a luminaire modifies its photo-colorimetric features, for example the color temperature of the light bulb, adapting it for accent lighting or for a special setting.

The use of filters also reduces the luminous output which can vary depending on the filter's characteristics.

**File Eulumdat**

I file Eulumdat di tutti gli apparecchi di illuminazione FLOS sono disponibili sul nostro sito [www.flos.com](http://www.flos.com), per consentirne l'impiego con i programmi di calcolo illuminotecnico.

**Eulumdat Files**

The Eulumdat files of all the FLOS luminaires are available on our website [www.flos.com](http://www.flos.com), so they can be used in technical lighting calculations.



# SOFT ARCHITECTURE

Wall Rupture, Softprofile, Juncos, Soft Spun,  
Abajourd'hui, G-O In, Teardrop, Uso,  
Round, Square & Vertical Light.



Wall Rupture



Softprofile  
Smooth

Smooth Small

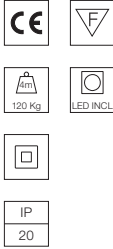
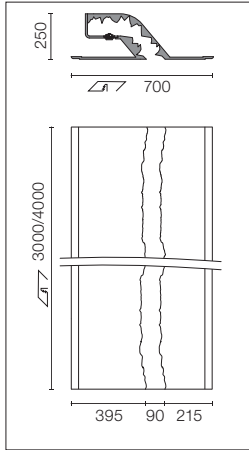
Smooth Large





**Wall Rupture Designed By Thierry Dreyfus**

**Light Source:** LED White - Gold Finish - 17,5W/m - 1140 lm/m - 2700K / LED White - Silver Finish - 17,5W/m - 1225 lm/m - 5000K



Apparecchio ad incasso per installazione a parete con tecnologia Soft. Moduli di LED con varie temperature di colore in base all'arredamento e alimentatori non dimmerabili compresi. Alimentazione 220/240V inclusa.

Soft technology wall-mounted, recessed luminaire. LED modules to emit lights with different colour temperature depending on décor; non-dimmable gear included. 220/240V power supply included.

Per le configurazioni personalizzate, contattare gli uffici commerciali Flos architectural.

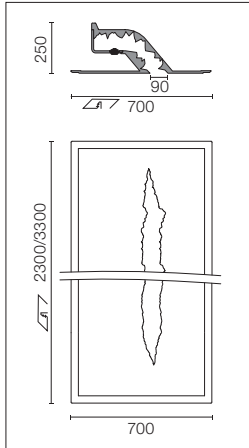
For personal configuration ask Flos architectural sales team.

**Profile**

- 3m
  - SA.2423.5A145
  - SA.2423.5A165
- 4m
  - SA.2424.5A145
  - SA.2424.5A165

**Wall Rupture with End caps Designed By Thierry Dreyfus**

**Light Source:** LED White - Gold Finish - 17,5W/m - 1140 lm/m - 2700K / LED White - Silver Finish - 17,5W/m - 1225 lm/m - 5000K

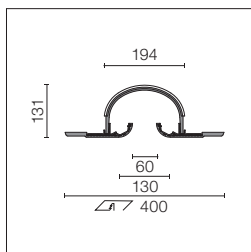


**End cap**

- 2,3m
  - SA.2453.5A145
  - SA.2453.5A165
- 3,3m
  - SA.2454.5A145
  - SA.2454.5A165



**Softprofile Smooth Small Designed By Flos Soft Architecture**

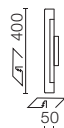


Apparecchio ad incasso per installazione a parete o a soffitto con tecnologia Soft. Permette l'installazione di moduli in entrambi i lati. Sistema di illuminazione non compreso.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Vedere moduli LED e regolatori LED. See LED modules and LED drivers.

Terminale di Chiusura / End cap

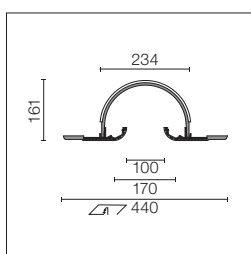


**Profile**

3m  
SA.2293.1  
4m  
SA.2294.1

**End cap**  
SA.2295.1

**Softprofile Smooth Large Designed By Flos Soft Architecture**

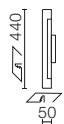


Apparecchio ad incasso per installazione a parete o a soffitto con tecnologia Soft. Permette l'installazione di moduli in entrambi i lati. Sistema di illuminazione non compreso.

Soft technology wall or ceiling-mounted recessed luminaire. It permits the installation of LED modules on both sides. Lighting systems not included.

Vedere moduli LED e regolatori LED. See LED modules and LED drivers.

Terminale di Chiusura / End cap



**Profile**

3m  
SA.2323.1  
4m  
SA.2324.1

**End cap**  
SA.2325.1

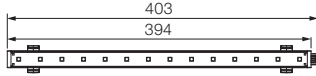
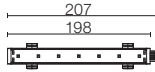


# SOFT ARCHITECTURE | LINEAR

## LED DRIVERS

For: Softprofile Smooth

### Modulo Lineare LED Linear Module LED



**White**

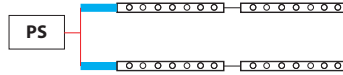
08.8512.00C  
3,5W  
228 lm  
3000K  
CRI 85

Modulo LED per un'illuminazione indiretta ottimale. Connessioni Tyco maschio / femmina per una connessione facile su entrambi i lati. Può essere agganciato direttamente al Profilo.

08.8513.00C  
7W  
456 lm  
3000K  
CRI 85

LED module for optimal indirect illumination. Tyco connections male / female for easy electrical connection in both sides. Can be clipped directly to the Profile.

### Non Dimmable



### Cablaggio Wiring

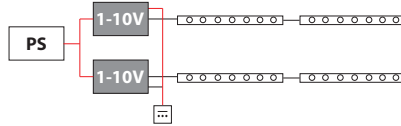
Cavo di alimentazione da 500mm per moduli LED bianchi con connessione rapida. È necessario utilizzarne uno per ciascuna linea LED (due per ciascun Profilo). Massimo per ciascun cavo di alimentazione: 3 metri lineari LED. Alimentatore elettronico non incluso.

**White**

06.1016.00

500mm feed cable for white LED modules with fast connection. Necessary one for each LED line (two for each Profile). Maximum for each feed cable: 3 LED line meters. Electronic power supply not included.

### Dimmable 1-10V



### Interfacce Dimmerabili Dimmable Interfaces

Interfaccia 1-10 V con due cavi di alimentazione da 500mm con connessione rapida, per moduli LED bianchi. Massimo per ciascuna interfaccia: LED da 6 metri. Alimentatore elettronico non incluso.

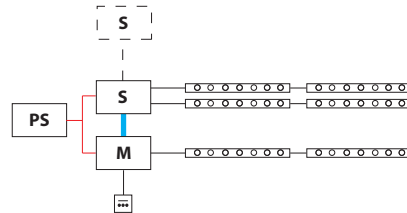
**White**

06.1022.00E

1-10V

1-10V interface with two 500mm feed cable for white LED modules with fast connection. Maximum for each interface: 6 LED meters. Electronic power supply not included.

### Interfacce Dimmerabili Dimmable Interfaces



**White**

06.1023.00

M

Interfaccia Master Dali con un distributore a 5 poli e 2 cavi di alimentazione da 500mm a connessione rapida. Alimentatore elettronico non incluso.

Dali Master interface with one 5 pole distributor and two 500mm feed cable for easy connection. Electronic power supply not included.

— Fornito dall'installatore / Installer provides

# SOFT ARCHITECTURE | LINEAR

## LED DRIVERS

For: Softprofile Smooth

### Interfacce Dimmerabili Dimmable Interfaces

White

Interfaccia Slave per espandere il segnale con due distributori a 5 poli e quattro cavi di alimentazione da 500mm a connessione rapida. Alimentatore elettronico non incluso.

06.1024.00

S

Slave interface to expand the signal with two 5 pole distributors and four 500mm feed cable for easy connection. Electronic power supply not included.

Cavo prolunga da 2 metri per moduli LED con connessione rapida. Si possono collegare gli uni agli altri per ottenere lunghezze maggiori. Massimo 20 metri.

08.8297.00

2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.

### Alimentatore / Power Supply

#### Installazione in Controsoffitti Installation in False Ceiling

PS

#### Installazione Remota in Quadro Elettrico Remote Installation Electrical Panel

PS

#### Elettronico 25W / Electronic 25W

Alimentazione elettrica / Power supply  
LED. 25W – 24V. 100-240V, 50-60Hz.

60.8703

#### Elettronico 240W / Electronic 240W

Alimentazione elettrica / Power supply  
LED. 240W – 24V. 100-240V, 50-60Hz.

60.8268

#### Elettronico 60W / Electronic 60W

Alimentazione elettrica / Power supply  
LED. 60W – 24V. 100-240V, 50-60Hz.

60.9089






#### Elettronico 120W / Electronic 120W

Alimentazione elettrica / Power supply  
LED. 120W – 24V. 100-240V, 50-60Hz.

RF28688

### Schema di Installazione / Installation Guidelines

White

		20W	60W	100W	150W	240W
Lunghezza massima LED* Max length LED*		1m	3,5m	5,5m	8m	13m
Sezione cavo (fornito dall'installatore) Cable section (Installer provides)		0,5mm <sup>2</sup>	0,5mm <sup>2</sup>	0,75mm <sup>2</sup>	0,75mm <sup>2</sup>	1mm <sup>2</sup>
Distanza massima Max distance		5m	10m	15m	30m	50m
Distanza massima Max distance		20m				
Distanza massima Max distance		20m				
Massima lunghezza moduli LED collegati con Max length LED connected to		2m				
Massima lunghezza moduli LED collegati con Max length LED connected to		4m				

\* Attenzione: Per Softprofile, 2x lunghezza del LED = lunghezza del profilo / Beware: For Softprofile, 2x LED length = profile length



**Juncos**

Juncos 1L



Juncos 3L



Juncos 6L



Juncos 9L



**Soft Spun**

Soft Spun Small



Soft Spun Large



**Abajourd'hui**

Abajourd'hui Small

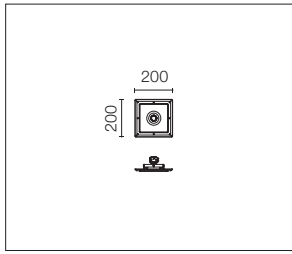


Abajourd'hui Large



Juncos Designed By Flos Soft Architecture

Juncos 1L



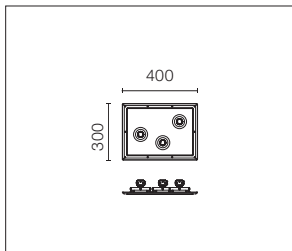
Apparecchio di illuminazione LED per interni a semi-incasso che, grazie alla tecnologia Soft Architecture, si integra perfettamente nello spazio architettonico. Fonte di alimentazione non inclusa. Consultare drivers nella pagina seguente.

Semi-recessed LED luminaire for indoor applications. Seamless integration in the architectural environment by Soft Architecture technology. Power supply not included. See drivers in next page.

Prodotto precabato per essere collegato a corrente costante.

Pre-wired product to be connected to constant current.

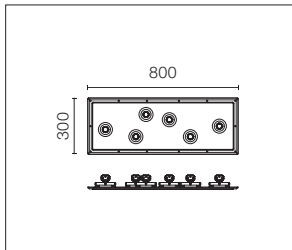
Juncos 3L



Prodotto precabato in serie per essere collegato a corrente costante.

Pre-wired product for serial connection to constant current.

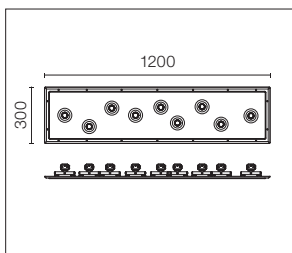
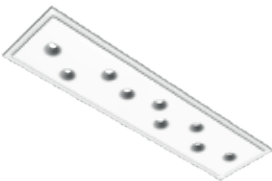
Juncos 6L



Prodotto precabato in serie per essere collegato a corrente costante.

Pre-wired product for serial connection to constant current.

Juncos 9L



Prodotto precabato in serie per essere collegato a corrente costante.

Pre-wired product for serial connection to constant current.

**Piastra Soft / Soft Plate**

Juncos 1L

SA.5200.5.120

Juncos 3L

SA.5201.5.120

Juncos 6L

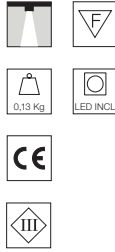
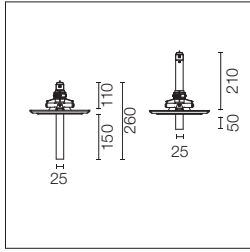
SA.5202.5.120

Juncos 9L

SA.5203.5.120

**Junco 250 mm**

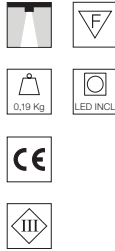
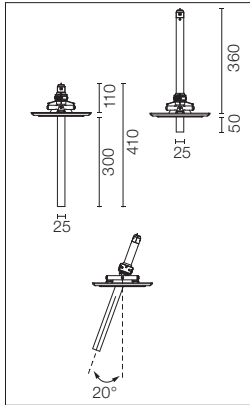
**Light Source:** Power LED DC 700 mA - 2,1W - 216 lm - 3000K/CRI 80 / 2,1W - 182 lm- 2700K/CRI 90



Apparecchio di illuminazione che offre una grande versatilità. Individualmente orientabile e con grado di incasso regolabile. Disponibile in rifiniture nere, bianche e cromate. Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

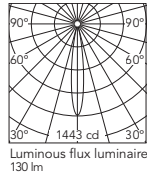
Luminaire that offers many possibilities. Can be individually focused and their recessed height is adjustable. Available in a black, white and chrome finish. Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

**Junco 400 mm**



**Junco 250 mm 2700K**

- 08.8595.40A
- 08.8595.06A
- 08.8595.AAA

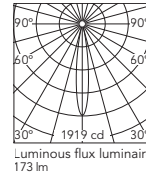


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1443	0.27
2	361	0.53
3	160	0.80
4	90	1.07
5	58	1.34

**3000K**

- 08.8590.40A
- 08.8590.06A
- 08.8590.AAA

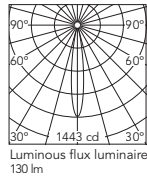


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1919	0.27
2	480	0.53
3	213	0.80
4	120	1.07
5	77	1.34

**Junco 400 mm 2700K**

- 08.8596.40A
- 08.8596.06A
- 08.8596.AAA

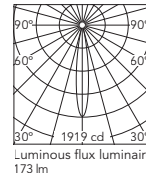


Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1443	0.27
2	361	0.53
3	160	0.80
4	90	1.07
5	58	1.34

**3000K**

- 08.8591.40A
- 08.8591.06A
- 08.8591.AAA



Beam Angle: 15°

h(m)	E(lx)	D(m)
1	1919	0.27
2	480	0.53
3	213	0.80
4	120	1.07
5	77	1.34

**Drivers per la connessione in serie / Drivers for Serial Connection**

DIM Protocol	1L	3L	6L	9L
Non Dimmable			60.9592	
Non Dimmable			60.9408	
Non Dimmable - UL			60.8911	
Dimmable 1-10V - Push - UL		60.9188		-
Dimmable Dali		60.9222		
Casambi	-	60.9716	60.9716	60.9716
Mains Dimming	60.9379	60.9379	60.9692	60.9692

\* Vedi capitolo Drivers / Refer to the Drivers chapter

**Distanza massima del dispositivo LED / Max. distance from LED driver**

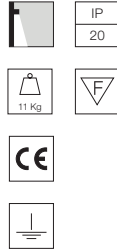
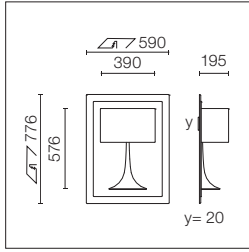
Dispositivo a corrente costante / constant current driver (700ma)

Distanza / Distance	10 m	20 m	50 m
Sezione del cavo / Cable section	0,5mm <sup>2</sup>	1mm <sup>2</sup>	2,5mm <sup>2</sup>



**Soft Spun Halogen Small Designed By Sebastian Wrong**

**Light Source:** LED QT-DE-12 1xR7s (78 mm)



Apparecchio da incasso con alimentazione in tensione di rete per lampada LED Retrofit.

Recessed luminaire with main voltage source for LED Retrofit lamp.

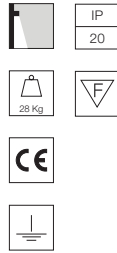
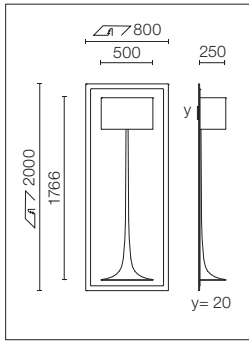
Vedi catalogo Flos Decorative Collection.

See Flos Decorative Collection catalogue.

SA.5005.1

**Soft Spun Halogen Large Designed By Sebastian Wrong**

**Light Source:** LED QT-DE-12 1xR7s (diffuser) (118 mm) / LED White 1,4W - 80 lm - 3000K/CRI>90 (base)



Apparecchio da incasso con alimentazione in tensione di rete per lampada LED Retrofit. Driver LED elettronico 220-240 V / 50-60 Hz integrato.

Recessed luminaire with main voltage source for LED Retrofit lamp. Electronic LED driver 220-240V / 50-60Hz integrated.

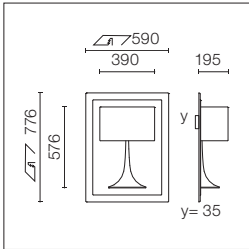
Vedi catalogo Flos Decorative Collection.

See Flos Decorative Collection catalogue.

SA.5009.1

**Soft Spun LED Small Designed By Sebastian Wrong**

**Light Source:** LED White 35W - 1800 lm - 3000K/CRI 90



Apparecchio ad incasso per lampada LED. Alimentatori 220/240V non dimmerabili compresi.

Recessed luminaire for LED lamp. Non-dimmable 220/240V power supply included.

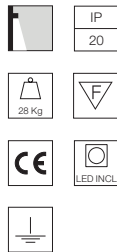
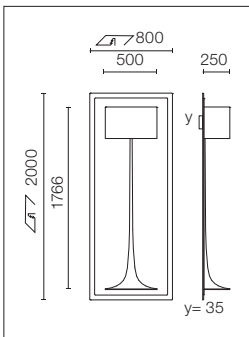
Vedi catalogo Flos Decorative Collection.

See Flos Decorative Collection catalogue.

SA.5006.1F

**Soft Spun LED Large Designed By Sebastian Wrong**

**Light Source:** LED White 35W - 1800 lm - 3000K/CRI 90 (diffuser) / LED White 1,4W - 80 lm - 2700K/CRI>90 (base)



Apparecchio ad incasso per lampada LED. Alimentatori 220/240V non dimmerabili compresi.

Recessed luminaire for LED lamp. Non-dimmable 220/240V power supply included.

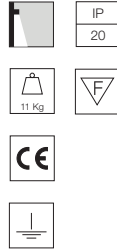
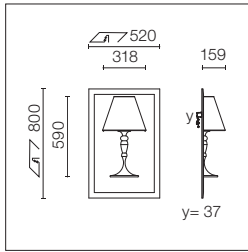
Vedi catalogo Flos Decorative Collection.

See Flos Decorative Collection catalogue.

SA.5007.1F

**Abajourd'hui Small Designed By Flos Soft Architecture**

Light Source: QT-32 E27 - max 75W



Apparecchio ad incasso con alimentazione diretta dalla rete. Fonte di luce esclusa. Da ordinare separatamente.

Vedi catalogo Flos Decorative Collection.

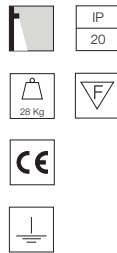
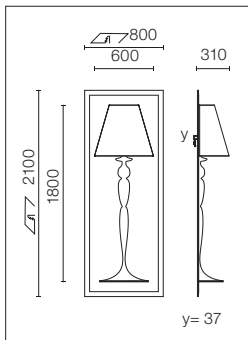
SA.5001.1

Recessed luminaire with direct connection to mains. Excluded light source. To be ordered separately.

See Flos Decorative Collection catalogue.

**Abajourd'hui Large Designed By Flos Soft Architecture**

Light Source: QT-32 E27 - max 150W



Apparecchio ad incasso con alimentazione diretta dalla rete.

Vedi catalogo Flos Decorative Collection.

SA.5000.1

Recessed luminaire with direct connection to mains.

See Flos Decorative Collection catalogue.





**G-O In**



**Teardrop**

Small / Medium



**USO**

USO Kap 105



USO 332



USO 700



USO 800



USO 1000



USO 1400



**USO Cove Lighting**

USO 900 Cove Lighting



USO 1700 Cove Lighting



USO 2200 Cove Lighting



USO 2500 Cove Lighting



USO 100 50 Cove Lighting



USO 140 90 Cove Lighting



**Round Light**

Small / Medium



**Square Light**

Small / Large



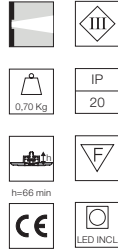
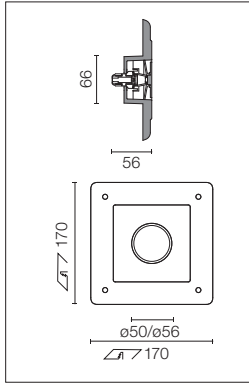
**Vertical Light**

Small / Large



**G-O In Designed By Jorge Herrera**

**Light Source:** Top LED 1,2W - 24V - 105 lm - 3000K/CRI 90



Apparecchio di segnalazione ad incasso per applicazioni in interni. Dispositivo di alimentazione non compreso: trasformatore elettronico per LED a tensione costante (24V), 220/240V, 50/60Hz. Cavo di alimentazione di 1000mm compreso.

Recessed sign luminaire for indoor application. Power supply source not included: electronic transformer with constant voltage (24V) for LED. 220/240V, 50/60Hz. It includes 1000mm power supply cable.

Luce Bianca / White Light  
SA.5100.1A  
Luce Ambra / Amber Light  
SA.5101.1A  
Luce Blu / Blue Light  
SA.5102.1A

**Colori della Luce  
Lighting Colours**

- Bianco  
White
- Ambra  
Amber
- Blu  
Blue



**Alimentazioni raccomandate / Recommended power supply\*:**

Non Dimmable 110-240V	60.9157 (8W)
Non Dimmable 220-240V	60.8703 (25W)
Dali Controler	60.9678A

\* Vedi capitolo Drivers / Refer to the Drivers chapter

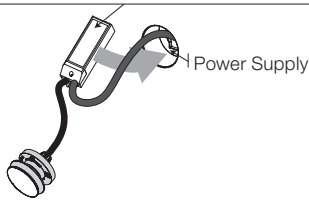
Dali Controler	60.9766
1-10V Controler	60.8640

\* Vedi Unità di controllo sotto / Refer to Control Units below

Per installare Dali è necessaria l'apparecchiatura non dimmabile e il controller Dali.

For Dali installation, the non-dimmable kit and the Dali controller are needed.

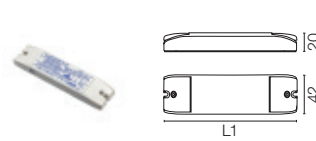
Assicurarsi della corretta polarità (+-) Rosso+/ Nero. Ensure correct polarity (+-) Red +/- Black.



**Unità di controllo / Control Units**

Unità di controllo per dimmer con 1 canale per la regolazione di moduli LED, per drivers di 24V. Alimentatore non incluso. Max. 120W - 5A.

Dimmable control unit with 1 channel for 24V LED modules. Power supply not included. Max. 120W - 5A.



1-10V  
60.8640  
L1: 172

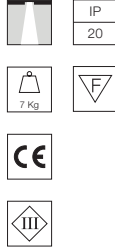
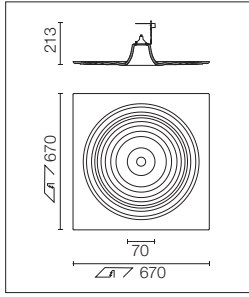
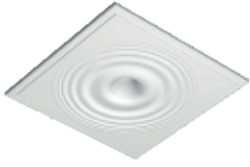
DALI  
60.9766  
L1: 181



reddot design award  
winner 2013

**Teardrop Small Designed By Calvi Brambilla**

**Light Source:** LED QR-CBC-51 1xGU5.3



Apparecchio da incasso per lampada LED Retrofit 12V. Trasformatore remoto non compreso: trasformatore elettronico 12V. 220/240V, 50/60Hz. Possibilità di regolazione tramite dimmer "leading and trailing edge". Prodotti per l'alimentazione dimmerabile – Consigliamo la lettura del capitolo sul driver per conoscere i casi di declinazione di responsabilità in materia di alimentatori dimmerabili.

Recessed luminaire for 12V LED Retrofit lamp. Remote transformer not included: electronic transformer 12V. 220/240V, 50/60Hz. Adjustable by means of "leading and trailing edge".

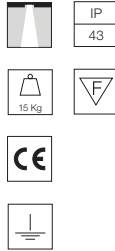
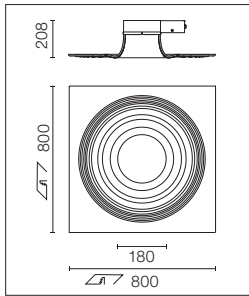
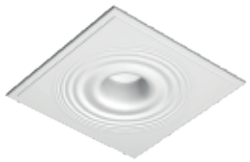
Mains Dimming Products – Please read Mains Dimming disclaimer in drivers chapter.

SA.1039.1

Elettrico / Electrical  
50/70W  
60.9398  
105W  
60.9424

**Teardrop Medium Designed By Calvi Brambilla**

**Light Source:** TC-DEL 2xG24q - 26W

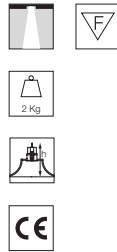
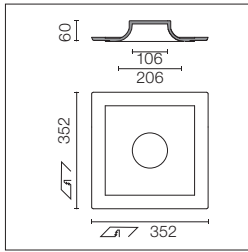
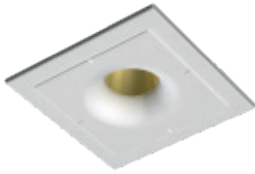


Apparecchio ad incasso per lampada fluorescente. Alimentatori non dimmerabili 220-240V / 50-60Hz compresi.

Recessed luminaire for fluorescent lamp. Non-dimmable ballasts 220-240V / 50-60Hz integrated.

SA.1040.1

**USO Kap 105 Designed By Flos Soft Architecture**



Applicazione architettonica con tecnologia Soft che permette una perfetta integrazione dei prodotti Flos architectural.  
Per le configurazioni personalizzate, è possibile aggiungere punti luce nella struttura. Contattare gli uffici commerciali Flos architectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.  
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

I codici non comprendono i prodotti della collezione Flos architectural.

References do not include Flos architectural products.

SA.1034.3.116

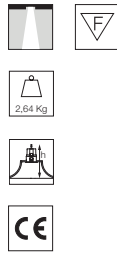
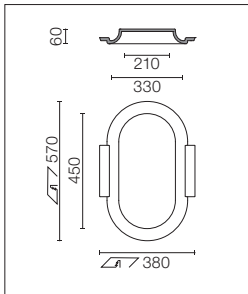
**Prodotti della Collezione Flos architectural Consigliati / Flos architectural Recommended Products**

**Kap Ø105\***

SA.1034.3.116  
h=290

\* Cornice No Trim compresa / Frame No Trim included

**USO 332 Designed By Flos Soft Architecture**



Applicazione architettonica con tecnologia Soft per soffitti modulari che permette una perfetta integrazione dei prodotti Flos architectural.  
Per le configurazioni personalizzate, è possibile aggiungere punti luce nella struttura. Contattare gli uffici commerciali Flos architectural.

Soft technology architectonic application for modular ceilings that permits perfect integration of the Flos architectural products.  
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

I codici non comprendono i prodotti della collezione Flos architectural.

References do not include Flos architectural products.

SA.1001.3.102  
SA.1001.3.003  
SA.1001.3.004  
SA.1001.3.116

**Prodotti della Collezione Flos architectural Consigliati / Flos architectural Recommended Products**

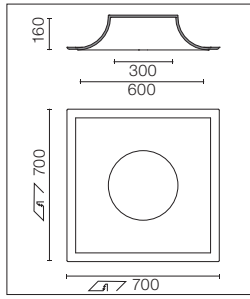
Easy Kap Ø105**	Wan Downlight**	Wan Spot**	Kap Ø105*
SA.1001.3.102 h=196	SA.1001.3.003 h=171	SA.1001.3.004 h=110	SA.1001.3.116 h=198

\* Cornice No Trim compresa / Frame No Trim included

\*\* Cornice No Trim non compresa. Da ordinare separatamente /

\*\* No Trim Frame excluded. To be ordered separately

**USO 700 Designed By Flos Soft Architecture**



Applicazione architettonica con tecnologia Soft che permette una perfetta integrazione dei prodotti Flos architectural.  
Per le configurazioni personalizzate, è possibile aggiungere punti luce nella struttura. Contattare gli uffici commerciali Flos architectural.





Soft technology architectonic application that permits perfect integration of the Flos architectural products.  
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

I codici non comprendono i prodotti della collezione Flos architectural.

References do not include Flos architectural products.

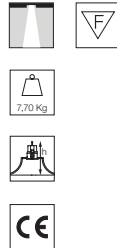
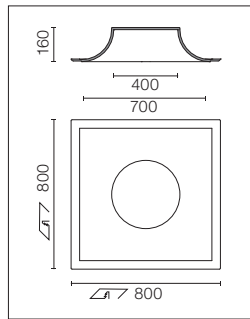
SA.1002.3.102  
SA.1002.3.003  
SA.1002.3.004  
SA.1002.3.116

**Prodotti della Collezione Flos architectural Consigliati / Flos architectural Recommended Products**

Easy Kap Ø105	Wan Downlight	Wan Spot	Kap Ø105*
			
SA.1002.3.102 H=296	SA.1002.3.003 H=271	SA.1002.3.004 H=210	SA.1002.3.116 H=298

\* Cornice No Trim compresa / Frame No Trim included  
Cornice No Trim non compresa. Da ordinare separatamente /  
No Trim Frame excluded. To be ordered separately

**USO 800 Designed By Flos Soft Architecture**



Applicazione architettonica con tecnologia Soft che permette una perfetta integrazione dei prodotti Flos architectural.  
Per le configurazioni personalizzate, è possibile aggiungere punti luce nella struttura. Contattare gli uffici commerciali Flos architectural.




Soft technology architectonic application that permits perfect integration of the Flos architectural products.  
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

I codici non comprendono i prodotti della collezione Flos architectural.

References do not include Flos architectural products.

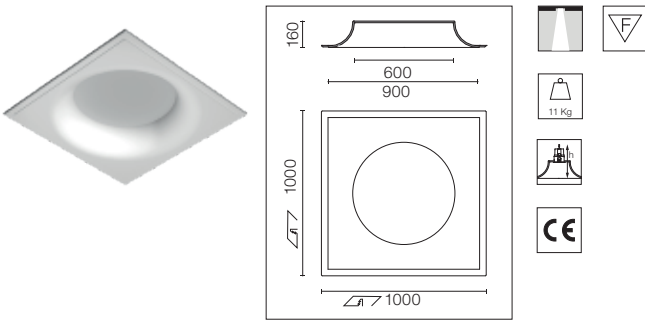
SA.1003.3.102  
SA.1003.3.003  
SA.1003.3.004

**Prodotti della Collezione Flos architectural Consigliati / Flos architectural Recommended Products**

Easy Kap Ø105	Wan Downlight	Wan Spot
		
SA.1003.3.102 H=296	SA.1003.3.003 H=271	SA.1003.3.004 H=210



USO 1000 Designed By Flos Soft Architecture



Applicazione architettonica con tecnologia Soft che permette una perfetta integrazione dei prodotti Flos architectural.  
Per le configurazioni personalizzate, è possibile aggiungere punti luce nella struttura. Contattare gli uffici commerciali Flos architectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.  
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

I codici non comprendono i prodotti della collezione Flos architectural.

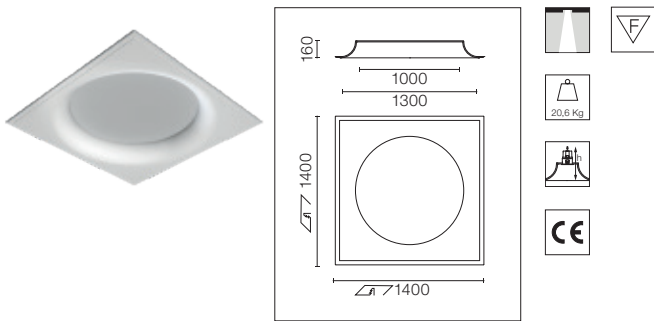
References do not include Flos architectural products.

SA.1004.3.102  
SA.1004.3.003  
SA.1004.3.004

Prodotti della Collezione Flos architectural Consigliati / Flos architectural Recommended Products

Easy Kap Ø105	Wan Downlight	Wan Spot
SA.1004.3.102 H=296	SA.1004.3.003 H=271	SA.1004.3.004 H=210

USO 1400 Designed By Flos Soft Architecture



Applicazione architettonica con tecnologia Soft che permette una perfetta integrazione dei prodotti Flos architectural.  
Per le configurazioni personalizzate, è possibile aggiungere punti luce nella struttura. Contattare gli uffici commerciali Flos architectural.

Soft technology architectonic application that permits perfect integration of the Flos architectural products.  
For personal configuration, you can add light points in the structure. Ask Flos architectural sales team.

I codici non comprendono i prodotti della collezione Flos architectural.

References do not include Flos architectural products.

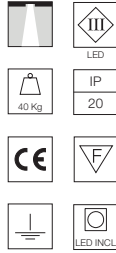
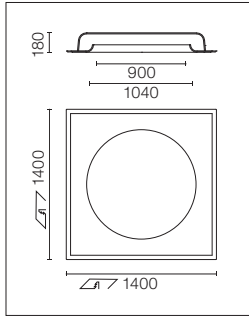
SA.1005.3.102  
SA.1005.3.003  
SA.1005.3.004

Prodotti della Collezione Flos architectural Consigliati / Flos architectural Recommended Products

Easy Kap Ø105	Wan Downlight	Wan Spot
SA.1005.3.102 H=296	SA.1005.3.003 H=271	SA.1005.3.004 H=210

**USO 900 Cove Lighting Designed By Flos Soft Architecture**

**Light Source:** T5 FH 4xG5 - 21W - 7600 lm / Cold Cathode 90W - 3x30W - 7776 lm - 3000K/CRI 85  
 LED White 75,6W - 21x3,6W - 7875 lm - 3000K/CRI 90 / LED RGB 75,6W - 21x3,6W



Apparecchio ad incasso da installare a soffitto. Illuminazione diretta con lampade fluorescenti, catodo freddo o LED. Nelle versioni LED, alimentatori non compresi. Vedere regolatori LED.

Recessed ceiling luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED drivers.

**T5 FH**

Dimmable 1-10V  
 SA.1006.4.11V

**Cold Cathode**

SA.1006.4.300

**LED RGB**

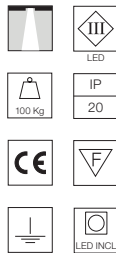
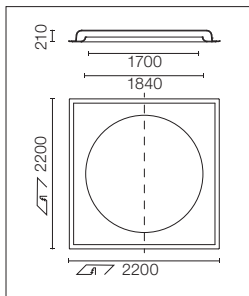
SA.1006.6E100

**LED White**

SA.1006.5E110

**USO 1700 Cove Lighting Designed By Flos Soft Architecture**

**Light Source:** T5 FH 8xG5 - 21W - 15200 lm / Cold Cathode 161W - 4x40W - 13824 lm - 3000K/CRI 85  
 LED White 136,8W - 38x3,6W - 14250 lm - 3000K/CRI 90 / LED RGB 136,8W - 38x3,6W



Apparecchio ad incasso da installare a soffitto. Illuminazione diretta con lampade fluorescenti, catodo freddo o LED. Nelle versioni LED, alimentatori non compresi. Vedere regolatori LED.

Recessed ceiling luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED drivers.

Spedito in due colli.

Delivered in two pieces.

**T5 FH**

Dimmable 1-10V  
 SA.1007.4.11V

**Cold Cathode**

SA.1007.4.300

**LED RGB**

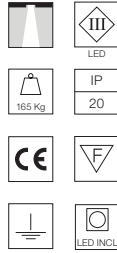
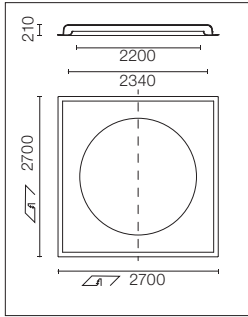
SA.1007.6E100

**LED White**

SA.1007.5E110

**USO 2200 Cove Lighting Designed By Flos Soft Architecture**

**Light Source:** T5 FH 8xG5 - 28W - 20800 lm / T5 FQ 8xG5 - 54W - 35600 lm / Cold Cathode 205W - 4x51W - 17568 lm - 3000K/CRI 85  
LED White 180W - 50x3,6W - 18750 lm - 3000K/CRI 90 / LED RGB 180W - 50x3,6W



Apparecchio ad incasso da installare a soffitto. Illuminazione diretta con lampade fluorescenti, catodo freddo o LED. Nelle versioni LED, alimentatori non compresi.  
Vedere regolatori LED.

Spedito in due colli.

Recessed ceiling luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED drivers.

Delivered in two pieces.

**T5 FH**

Dimmable 1-10V  
SA.1008.4.11V  
Dimmable Dali  
SA.1008.4.1DA

**Cold Cathode**  
SA.1008.4.300

**LED RGB**  
SA.1008.6E100

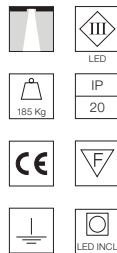
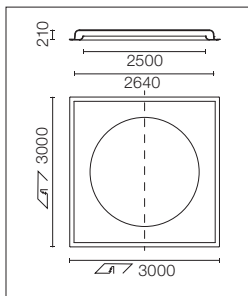
**T5 FQ**

Non Dimmable  
SA.1008.4.200  
Dimmable 1-10V  
SA.1008.4.21V  
Dimmable Dali  
SA.1008.4.2DA

**LED White**  
SA.1008.5E110

**USO 2500 Cove Lighting Designed By Flos Soft Architecture**

**Light Source:** T5 FH 8xG5 - 28W - 20800 lm / T5 FQ 8xG5 - 54W - 35600 lm / Cold Cathode 230W - 19728 lm - 3000K/CRI 85  
LED White 194W - 54x3,6W - 20250 lm - 3000K/CRI 90 / LED RGB 194W - 54x3,6W



Apparecchio ad incasso da installare a soffitto. Illuminazione diretta con lampade fluorescenti, catodo freddo o LED. Nelle versioni LED, alimentatori non compresi.  
Vedere regolatori LED.

Spedito in due colli.

Recessed ceiling luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED drivers.

Delivered in two pieces.

**T5 FH**

Dimmable 1-10V  
SA.1009.4.11V  
Dimmable Dali  
SA.1009.4.1DA

**Cold Cathode**  
SA.1009.4.300

**LED RGB**  
SA.1009.6E100

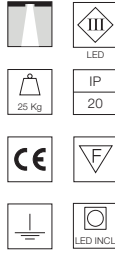
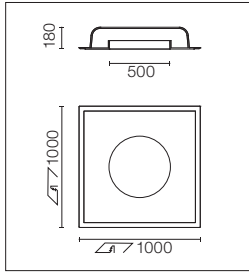
**T5 FQ**

Non Dimmable  
SA.1009.4.200  
Dimmable 1-10V  
SA.1009.4.21V  
Dimmable Dali  
SA.1009.4.2DA

**LED White**  
SA.1009.5E110

**USO 100 50 Cove Lighting Designed By Flos Soft Architecture**

**Light Source:** T5 FH 4xG5 - 14W - 4800 lm / T5 FQ 4xG5 - 24W - 7000 lm / Cold Cathode 58W - 3x19W - 4968 lm - 3000K/CRI 85  
LED White 57,6W - 16x3,6W - 6000 lm - 3000K/CRI 90 / LED RGB 57,6W - 16x3,6W



Apparecchio ad incasso da installare a soffitto. Illuminazione diretta con lampade fluorescenti, catodo freddo o LED. Nelle versioni LED, alimentatori non compresi. Vedere regolatori LED.

Recessed ceiling luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED drivers.

**T5 FH**  
Non Dimmable  
SA.1010.4.100

**T5 FQ**  
Non Dimmable  
SA.1010.4.200

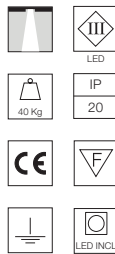
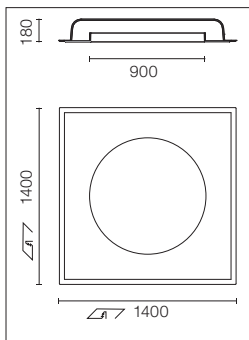
**Cold Cathode**  
SA.1010.4.300

**LED White**  
SA.1010.5E110

**LED RGB**  
SA.1010.6E100

**USO 140 90 Cove Lighting Designed By Flos Soft Architecture**

**Light Source:** T5 FH 4xG5 - 21W - 7600 lm / Cold Cathode 90W - 3x30W - 7776 lm - 3000K/CRI 85  
LED White 75,6W - 21x3,6W - 7805 lm - 3000K/CRI 90 / LED RGB 75,6W - 21x3,6W



Apparecchio ad incasso da installare a soffitto. Illuminazione diretta con lampade fluorescenti, catodo freddo o LED. Nelle versioni LED, alimentatori non compresi. Vedere regolatori LED.

Recessed ceiling luminaire. Direct lighting with fluorescent, cold cathode or LED lamps. Control gear not included in LED versions.

See LED drivers.

**T5 FH**  
Dimmable 1-10V  
SA.1011.4.11V

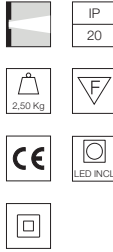
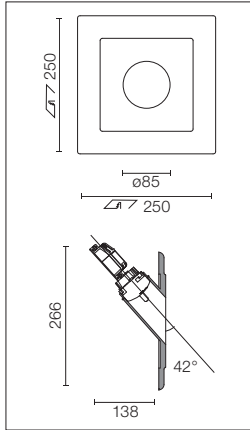
**Cold Cathode**  
SA.1011.4.300

**LED RGB**  
SA.1011.6E100

**LED White**  
SA.1011.5E110

**Round Light Small Designed By Flos Soft Architecture**

**Light Source:** LED White 1W - 60 lm - 3000K/CRI > 90



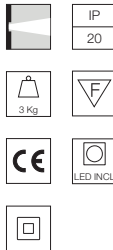
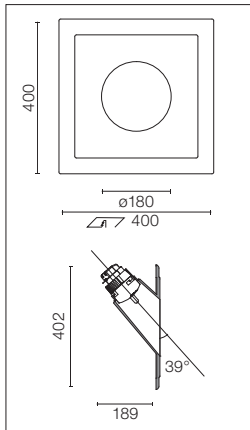
Apparecchio di segnalazione ad incasso per applicazioni in interni. Alimentatore 100/240V compreso.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3010.1C

**Round Light Medium Designed By Flos Soft Architecture**

**Light Source:** LED White 7W - 720 lm - 3000K/CRI > 90



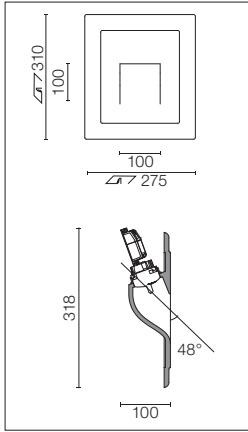
Apparecchio di segnalazione ad incasso per applicazioni in interni. Alimentatore 100/240V compreso.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3011.1B

**Square Light Small Designed By Flos Soft Architecture**

**Light Source:** LED White 1W - 60 lm - 3000K/CRI > 90



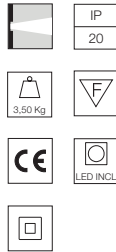
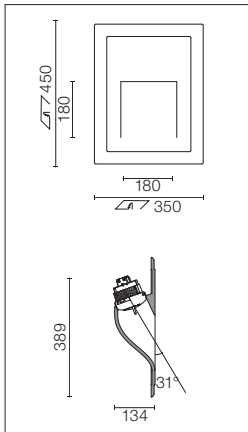
Apparecchio di segnalazione ad incasso per applicazioni in interni. Alimentatore 100/240V compreso.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3013.1C

**Square Light Large Designed By Flos Soft Architecture**

**Light Source:** LED White 7W - 720 lm - 3000K/CRI > 80



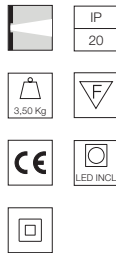
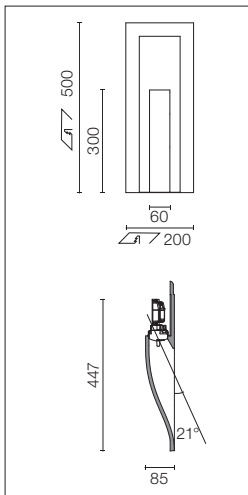
Apparecchio di segnalazione ad incasso per applicazioni in interni. Alimentatore 100/240V compreso.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3014.1B

**Vertical Light Small Designed By Flos Soft Architecture**

**Light Source:** LED White 1W - 60 lm - 3000K/CRI > 90



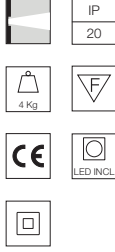
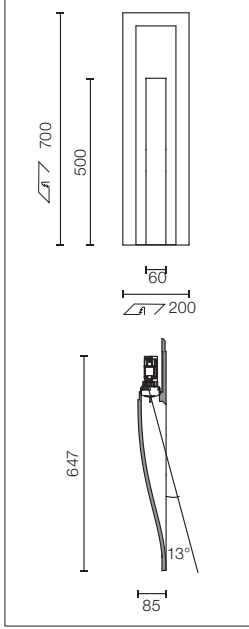
Apparecchio di segnalazione ad incasso per applicazioni in interni. Alimentatore 100/240V compreso.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3015.1C

**Vertical Light Large Designed By Flos Soft Architecture**

**Light Source:** LED White 1W - 60 lm - 3000K/CRI > 90



Apparecchio di segnalazione ad incasso per applicazioni in interni. Alimentatore 100/240V compreso.

Recessed sign luminaire for indoor application. 100/240V power supply source included.

SA.3016.1C

# SOFT ARCHITECTURE | IN

## LED DRIVERS

For: USO Cove Lighting: USO 900 C.L., USO 1700 C.L., USO 2200 C.L., USO 2500 C.L., USO 100 50 C.L., USO 140 90 C.L.

### Cablaggio Wiring

Cavo di alimentazione da 500 mm con connessione rapida.  
Fonte di alimentazione elettronica non inclusa.

500mm feed cable with fast connection.  
Electronic power supply not included.

**White** 06.1016.00  
**RGB** 06.1049.00

Cavo prolunga da 2 metri per moduli LED con connessione rapida. Si possono collegare gli uni agli altri per ottenere lunghezze maggiori. Massimo 20 metri.

2 meters prolongation cable for LED modules with fast connection. Can be connected with each other to greater length. 20 meters max.

**White** 08.8297.00  
**RGB** 08.8298.00

### Interfaccia regolabile Dimmable Interfaces

#### 1-10V Master & PWM Repeater

Interfaccia regolabile Fonte di alimentazione elettronica non inclusa.

Dimmable interface. Electronic power supply not included.

**White** 06.1022.00E

#### DALI Master

Interfaccia DALI Master con un cavo di alimentazione da 300 mm per una facile connessione. In grado di controllare una USO. Se nella stessa installazione sono presenti più USO è necessario espandere il segnale con interfacce Slave. Fonte di alimentazione elettronica non inclusa.

DALI Master interface with one 300mm feed cable for easy connection. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

**White** 06.1019.00E  
**RGB** 06.1012.00E

#### DMX Master

Interfaccia DMX Master con un cavo di alimentazione da 300mm per una facile connessione. In grado di controllare una USO. Se nella stessa installazione sono presenti più USO è necessario espandere il segnale con interfacce Slave. Fonte di alimentazione elettronica non inclusa.

DMX Master interface with one 300mm feed cable for easy connection. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

**RGB** 06.1005.00E

#### RF Master

Interfaccia Master RGB a radiofrequenza (RF) con un cavo di alimentazione da 300 mm per una facile connessione. Trasmettitore da parete per integrare il cambio colore. In grado di controllare una USO. Se nella stessa installazione sono presenti più USO è necessario espandere il segnale con interfacce Slave. Fonte di alimentazione elettronica non inclusa.

Radio Frequency (RF) RGB Master interface with one 300mm feed cable for easy connection. Wall transmitter to make color changing integrated. It's able to control one USO. If more USOs are in the same installation it's necessary to expand the signal with Slave interfaces. Electronic power supply not included.

**RGB** 06.1013.00E

#### DALI, DMX & RF. Slave

Interfaccia Slave per espandere il segnale di controllo. In grado di espandere il segnale Master in varie USO. Fonte di alimentazione elettronica non inclusa.

Slave interface to expand the control signal. It's able to expand the Master signal in several USOs. Electronic power supply not included.

**White** 06.1020.00E

**RGB** 06.1014.00E

#### Casambi

Interfaccia regolabile wireless. Fonte di alimentazione elettronica non inclusa. Interfaccia regolabile wireless.

Wireless Dimmable Interface. Electronic power supply not included. Interfaz Regulable Wireless.

**White & RGB** 60.9658



# SOFT ARCHITECTURE | IN

## LED DRIVERS

For: USO Cove Lighting: USO 900 C.L., USO 1700 C.L., USO 2200 C.L., USO 2500 C.L., USO 100 50 C.L., USO 140 90 C.L.

### Fonte di Alimentazione Power Supply

#### Electronico 100W / Electronic 100W

Fonte di alimentazione LED 100W - 24V. 100-240V, 50-60Hz.

LED Power supply 100W – 24V. 100-240V, 50-60Hz.

60.9443

#### Electronico 200W / Electronic 200W

Fonte di alimentazione LED. 200W – 24V. 100-240V, 50-60Hz.

LED Power supply. 200W – 24V. 100-240V, 50-60Hz.

RF28143

#### Electronico 240W / Electronic 240W

Fonte di alimentazione LED. 240W – 24V. 100-240V, 50-60Hz.

LED Power supply. 240W – 24V. 100-240V, 50-60Hz.

60.8268

## USO Cove Lighting

### Istruzioni di Configurazione. Prodotto Singolo. Configuration Guidelines. Single Individual Product.

Per più prodotti o una configurazione più complessa consultare l'ufficio tecnico. Per informazioni più dettagliate, fare riferimento al foglio di istruzioni.  
For multiple product or a more complex configuration, please consult the technical department. For more detailed information, please refer to the instruction sheet.

REFERENCE	POWER (W)	LED MODULES	POWER SUPPLY 24Vdc	Max. Distance			LED WHITE				RGB			
				15m	20m	20m	NO DIM	1-10V	DALI	CASAMBI	DALI	DMX	RF	CASAMBI
				(0,75mm)			(12 LED modules x feed cable)	(8 LED modules x feed cable)	(10 LED modules x feed cable)	(12 LED modules x feed cable)*	(12 LED modules x feed cable)			
USO 100 50 Cove Lighting WHT: SA.1011.5E110 RGB: SA.1011.6E100	58	12 + 4 for corners (16)	1x 100W 60.9443	15m (0,75mm)	20m	20m	2x 06.1016.00 FEED CABLE	2x 06.1016.00 FEED CABLE + 1x 06.1022.00E REPEATER PWM MASTER 1-10V	2x 06.1016.00 FEED CABLE + 1x 60.9658 CASAMBI 4CH PWM DIMMER	2x 06.1049.00 FEED CABLE + 1x 06.1012.00E MASTER DALI	2x 06.1049.00 FEED CABLE + 1x 06.1005.00E MASTER DMX	2x 06.1049.00 FEED CABLE + 1x 06.1013.00E MASTER RF	2x 06.1049.00 FEED CABLE + 1x 06.1014.00E SLAVE RGB	2x 06.1049.00 FEED CABLE + 1x 60.9658 CASAMBI 4CH PWM DIMMER
USO 140 90 Cove Lighting WHT: SA.1011.5E110 RGB: SA.1011.6E100	76	17 + 4 for corners (21)	1x 100W 60.9443	15m (0,75mm)	20m	20m	2x 06.1016.00 FEED CABLE	3x 06.1016.00 FEED CABLE + 1x 06.1022.00E REPEATER PWM MASTER 1-10V	3x 06.1016.00 FEED CABLE + 1x 60.9658 CASAMBI 4CH PWM DIMMER	2x 06.1049.00 FEED CABLE + 1x 06.1012.00E MASTER DALI	2x 06.1049.00 FEED CABLE + 1x 06.1005.00E MASTER DMX	2x 06.1049.00 FEED CABLE + 1x 06.1013.00E MASTER RF	2x 06.1049.00 FEED CABLE + 1x 06.1014.00E SLAVE RGB	3x 06.1049.00 FEED CABLE + 1x 60.9658 CASAMBI 4CH PWM DIMMER + 2m CABLE WHT
USO 900 Cove Lighting WHT: SA.1006.5E110 RGB: SA.1006.6E100														
USO 1700 Cove Lighting WHT: SA.1007.5E110 RGB: SA.1007.6E100	137	30 + 8 for corners (38)	1x 200W 60.9352	40m (1 mm)	20m	20m	4x 06.1016.00 FEED CABLE	6x 06.1016.00 FEED CABLE + 1x 06.1019.00E DALI MASTER + 2x 06.1022.00E MASTER 1-10V + 4x 08.8297.00 2m CABLE	1x 06.1020.00E SLAVE WHT + 2x 06.1022.00E REPEATER PWM + 6x 08.8297.00 2m CABLE WHT	4x 06.1016.00 FEED CABLE + 2x 60.9658 CASAMBI 4CH PWM DIMMER + 6x 08.8297.00 2m CABLE WHT	4x 06.1049.00 FEED CABLE + 1x 06.1012.00E MASTER DALI + 2x 06.1014.00E* SLAVE RGB + 6x 08.8297.00 2m CABLE RGB	3x 06.1049.00 FEED CABLE + 1x 06.1005.00E MASTER DMX + 2x 06.1014.00E* SLAVE RGB + 6x 08.8298.00 2m CABLE RGB	3x 06.1049.00 FEED CABLE + 1x 06.1013.00E MASTER RF + 2x 06.1014.00E* SLAVE RGB + 6x 08.8298.00 2m CABLE RGB	4x 06.1049.00 FEED CABLE + 2x 60.9658 CASAMBI 4CH PWM DIMMER + 6x 08.8297.00 2m CABLE WHT
USO 2200 Cove Lighting WHT: SA.1008.5E110 RGB: SA.1008.6E100	180	38 + 12 for corners (50)	1x 240W 60.8268	40m (1 mm)	20m	20m	5x 06.1016.00 FEED CABLE	8x 06.1016.00 FEED CABLE + 1x 06.1019.00E DALI MASTER + 2x 06.1022.00E MASTER 1-10V + 6x 08.8297.00 2m CABLE	8x 06.1016.00 FEED CABLE + 1x 06.1019.00E DALI MASTER + 1x 06.1020.00E SLAVE WHT + 2x 06.1022.00E REPEATER PWM + 8x 08.8297.00 2m CABLE WHT	6x 06.1016.00 FEED CABLE + 2x 60.9658 CASAMBI 4CH PWM DIMMER + 4x 08.8297.00 2m CABLE WHT	5x 06.1049.00 FEED CABLE + 1x 06.1012.00E MASTER DALI + 2x 06.1014.00E* SLAVE RGB + 8x 08.8298.00 2m CABLE RGB	5x 06.1049.00 FEED CABLE + 1x 06.1005.00E MASTER DMX + 2x 06.1014.00E* SLAVE RGB + 8x 08.8298.00 2m CABLE RGB	5x 06.1049.00 FEED CABLE + 1x 06.1013.00E MASTER RF + 2x 06.1014.00E* SLAVE RGB + 8x 08.8298.00 2m CABLE RGB	6x 06.1049.00 FEED CABLE + 2x 60.9658 CASAMBI 4CH PWM DIMMER + 4x 08.8297.00 2m CABLE WHT
USO 2500 Cove Lighting WHT: SA.1009.5E110 RGB: SA.1009.6E100	194	42 + 12 for corners (54)	1x 240W 60.8268	40m (1 mm)	20m	20m	5x 06.1016.00 FEED CABLE	8x 06.1016.00 FEED CABLE + 1x 06.1019.00E DALI MASTER + 1x 06.1020.00E SLAVE WHT + 2x 06.1022.00E REPEATER PWM + 8x 08.8297.00 2m CABLE WHT	8x 06.1016.00 FEED CABLE + 1x 06.1019.00E DALI MASTER + 2x 60.9658 CASAMBI 4CH PWM DIMMER + 4x 08.8297.00 2m CABLE WHT	5x 06.1049.00 FEED CABLE + 1x 06.1012.00E MASTER DALI + 2x 06.1014.00E* SLAVE RGB + 8x 08.8298.00 2m CABLE RGB	5x 06.1049.00 FEED CABLE + 1x 06.1005.00E MASTER DMX + 2x 06.1014.00E* SLAVE RGB + 8x 08.8298.00 2m CABLE RGB	5x 06.1049.00 FEED CABLE + 1x 06.1013.00E MASTER RF + 2x 06.1014.00E* SLAVE RGB + 8x 08.8298.00 2m CABLE RGB	6x 06.1049.00 FEED CABLE + 2x 60.9658 CASAMBI 4CH PWM DIMMER + 4x 08.8297.00 2m CABLE WHT	

\* For USO 2500 Cove Lighting RGB - 1st Slave: 12 + 12 LED modules  
2nd Slave: 10 + 10 + 10 LED modules

Note: WHITE: Max. 8 modules per cable  
RGB: Max. 12 modules per cable. Max. 30 Modules per Slave  
CASAMBI : Max. 32 modules WHITE or 36 modules RGB per interface

## CARATTERISTICHE FISICHE

### Impermeabilità

Il materiale è adatto a tutte le applicazioni in ambienti interni e non assorbe l'acqua eventualmente presente in caso di umidità eccessiva. Il materiale non deve essere utilizzato in ambienti esterni.

### Reazione al test sul fuoco per i prodotti per l'edilizia

Il prodotto Soft Architecture è classificato A1 o A1fl, conformemente alla norma UNE-EN 13501-1: 07 e ai metodi di test UNE-EN ISO 1716:02 e UNE-EN ISO 1182:02.

### Resistenza chimica

Il materiale non deve essere esposto a sostanze chimiche liquide o cristalli deliquescenti.

### Isolamento termico

Il materiale ha un valore di conduttività termica non superiore a 0,47 W/m. gr. K.

### Densità

Il materiale ha una densità media di 1323 Kg/m<sup>3</sup>.

### Caratteristiche strutturali

Il materiale ha le seguenti caratteristiche (in base alla norma EN 13279-2:2006).

Carico massimo di flessione: 139 N a 7,2mm di spessore.

Compressione: il carico massimo di compressione è superiore a 10000 N.

Durezza: la durezza C shore è superiore a 90.

## PHYSICAL CHARACTERISTICS

### Water Penetration

The material shall be suitable for all internal application, and shall not absorb moisture which may be present through excessive humidity. The material should not be used externally.

### Reaction to Fire test for building products

The product Soft Architecture is classified as A1 or A1fl, according to UNE-EN 13501-1: 07, and test methods UNE-EN ISO 1716:02 and UNE-EN ISO 1182:02.

### Chemical Resistance

The material shall not be exposed to liquid chemicals or deliquesced crystals.

### Thermal Insulation

The material shall have a thermal conductivity value not greater than 0.47W/m. deg K.

### Density

The material have a medium density of 1323 Kg/m<sup>3</sup>.

### Structural Characteristics

The material shall have the following characteristics (following EN 13279-2:2006).

Flexion max load: 139N at 7.2mm thickness.

Compression: compression max load shall be bigger than 10000N.

Hardness: Shore C hardness shall be above 90.

## CARATTERISTICHE DEI MATERIALI

### Eco-efficienza idrica

Viene utilizzata acqua potabile dalla rete idrica, in proporzioni adeguate, per ottenere una lavorabilità ottimale. L'acqua viene riutilizzata ciclicamente, tramite filtri speciali, per prevenire danni ecologici all'ambiente prima dello smaltimento.

### Agenti di sformatura

Alla superficie dello stampo vengono uniti o applicati esternamente degli agenti di sformatura, per ottimizzare il tempo di ciclo e ottenere una finitura omogenea della superficie. Tali agenti non hanno alcun effetto nocivo sulla superficie stessa del prodotto.

## FEATURES OF MATERIALS

### Water Eco Efficiency

Clean water from drinking network is used in correct proportion to provide optimum workability. Water is cyclically re-used through special filters to prevent ecologic damages to nature before disposal.

### Mould Release Agents

Proprietary mould release agents are incorporated or applied externally to the mould surface, to optimize cycle time and to achieve consistency of surface finish. These agents shall not have any adverse effect upon the surface of the produced item.

## DESIGN E PRODUZIONE

### Design

Per sviluppare tutti i componenti è stata impiegata la più avanzata tecnologia 3D. Tali componenti vengono disegnati e prodotti secondo un sistema di garanzia della qualità completamente documentato, conforme alla norma ISO 9001:2008.

## DESIGN & MANUFACTURING

### Design

Latest 3D technology has been applied to develop all components. They are being manufactured and designed in accordance with a fully documented quality assurance system complying with ISO 9001:2008.

## CONTROLLO QUALITÀ

### Aspetti generali

Tutti i componenti vengono controllati singolarmente per evitare difetti superficiali o di manodopera.

Normativa: UNE-EN 13815: 06; UNE-EN 14246: 07.

### Ortogonalità

Tutti i componenti sono controllati singolarmente per evitare difetti di manodopera superiori a valori tra 0,5mm e 500mm dall'angolo.

### Planarità

Tutti i componenti sono controllati singolarmente per evitare difetti di manodopera relativi alla planarità superiori a valori più grandi di 1mm 1m.

### Spessore

Tutti i componenti per soffitti continui sono controllati singolarmente per evitare variazioni superiori a 2mm dallo spessore medio obiettivo.

### Tolleranza dimensionale

Tutti i componenti sono ispezionati singolarmente per evitare una tolleranza dimensionale superiore a +/- 3mm.

Altre informazioni in [www.soft-architecture.com](http://www.soft-architecture.com).

### Efflorescenza

Tutti i componenti con superficie illuminata/visibile sono controllati singolarmente per evitare l'efflorescenza della luce.

### Fatto a mano

Questo prodotto è stato fabbricato a mano, qualsiasi imperfezione è dovuta alla sua lavorazione artigianale.

## QUALITY CONTROL

### General

All components are individually inspected to prevent surface or manufacturing defects.

Normative: UNE-EN 13815: 06; UNE-EN 14246: 07.

### Squareness

All components are individually inspected to prevent manufacturing defects bigger than 0.5mm to 500mm from corner.

### Flatness

All components are individually inspected to prevent flatness manufacturing defects bigger than 1mm in 1m.

### Thickness

All components for continuous ceilings are individually inspected to prevent changes bigger than 2mm in mean target thickness.

### Dimensional Tolerance

All components are individually inspected to prevent dimensional tolerance above +/- 3mm.

For more info see [www.soft-architecture.com](http://www.soft-architecture.com).

### Efflorescence

All components with illuminated/visible surface are individually inspected to prevent light efflorescence .

### Handmade

This product has been manufactured by hand. Any imperfection is because of its handcrafted process.

#### 1-10V

1-10 V è uno dei primi e più semplici dispositivi di comando elettronici per moduli di illuminazione. Il segnale di comando è una tensione CC che varia tra uno e dieci volt. Il modulo di illuminazione comandato dovrebbe graduare la propria uscita in modo tale che a 10 V la luce comandata sia al 100% della sua resa potenziale, mentre a 1 V dovrebbe essere pari allo 0% della resa (ad es. "spento").

#### 1-10V

1-10 V is one of the earliest and simplest electronic lighting control. The control signal is a DC voltage that varies between one and ten volts. The controlled lighting should scale its output so that at 10 V, the controlled light should be at 100% of its potential output, and at 1 V it should at 0% output (i.e. "Off").

#### CRI

L'indice di resa dei colori (color rendering index, CRI) è una misura quantitativa della capacità di una sorgente luminosa di riprodurre fedelmente i colori di vari oggetti rispetto a una sorgente luminosa ideale o naturale. Le sorgenti luminose con un elevato CRI sono da preferirsi nelle applicazioni in cui il colore è di fondamentale importanza.

#### CRI

The color rendering index (CRI) is a quantitative measure of the ability of a light source to reproduce the colors of various objects faithfully in comparison with an ideal or natural light source. Light sources with a high CRI are desirable in color-critical applications.

#### DALI

L'interfaccia DALI (Digital Addressable Lighting Interface) è uno standard tecnico per i sistemi basati su rete che comandano l'illuminazione negli edifici. Lo standard DALI comprende il protocollo di comunicazione e l'interfaccia elettrica per le reti di controllo dell'illuminazione.

#### DALI

Digital Addressable Lighting Interface (DALI) is a technical standard for network-based systems that control lighting in buildings. The DALI standard encompasses the communications protocol and electrical interface for lighting control networks.

#### DIMMER

I dimmer sono dispositivi utilizzati per variare la luminosità di una luce.

#### DIMMER

Dimmers are devices used to vary the brightness of a light.

#### DMX

DMX è uno standard per le reti di comunicazione digitale comunemente utilizzato per controllare le luci di scena. Consente di programmare la regolazione del colore e la variazione dell'RGB.

#### DMX

DMX is a standard for digital communication networks that are commonly used to control stage lighting. Allows to program the colour regulation and variation for RGB.

#### KELVIN

Il kelvin è utilizzato nella misurazione della temperatura del colore delle sorgenti luminose. La temperatura del colore è una caratteristica della luce visibile che presenta importanti applicazioni nell'illuminazione in quanto indica se la luce è calda (temperature di colore basse) o fredda (temperature di colore alte).

#### KELVIN

The kelvin is used in the measure of the color temperature of light sources. Color temperature is a characteristic of visible light that has important applications in lighting because indicates if the light is warm (low color temperatures) or cold (high color temperatures).

#### LUMEN

Il lumen (simbolo: lm) è l'unità di misura SI del flusso luminoso, una misura della potenza della luce percepita dall'occhio umano.

#### LUMEN

The lumen (symbol: lm) is the SI unit of luminous flux, a measure of the power of light perceived by the human eye.

#### INTERFACCIA MASTER

L'interfaccia Master è un dispositivo elettronico che riceve il segnale (DALI/DMX/...) e restituisce un segnale modulato per il LED. È in grado di comandare la luce con una intensità di corrente massima.

#### MASTER INTERFACE

The master interface is an electronic device which receives the signal (DALI/DMX/...) and returns a modulated signal for the LED. It's able to control the light with a maximum power load.

#### ALIMENTATORE

L'alimentatore è un dispositivo che fornisce energia elettrica a uno o più carichi elettrici.

#### POWER SUPPLY

A power supply is a device that supplies electrical energy to one or more electric loads.

#### RGB

Il modello di colore RGB è un modello di colore aggiuntivo in cui le luci rossa, verde e blu sono abbinate in vari modi per riprodurre un'ampia gamma di colori. Il nome del modello proviene dalle iniziali dei tre colori primari aggiuntivi: rosso (red), verde (green) e blu (blue).

#### RGB

The RGB color model is an additive color model in which red, green, and blue light are added together in various ways to reproduce a broad array of colors. The name of the model comes from the initials of the three additive primary colors, red, green, and blue.

#### INTERFACCIA SLAVE

L'interfaccia Slave viene utilizzata per rispondere al segnale modulato dell'interfaccia Master negli impianti in cui il Master è sovraccarico.

#### SLAVE INTERFACE

The slave interface is used to reply the modulated signal of the master interface in installations where the master is overloaded.

Nota: I dati tecnici sono soggetti a variazione senza alcun preavviso. Le informazioni sono coerenti con le nostre attuali condizioni di produzione e riflettono i valori tipici relativi ai parametri delle specifiche di fabbricazione e per le tipiche destinazioni finali. Si declina qualsiasi responsabilità per eventuali danni causati da uno scorretto utilizzo dei prodotti.

Note: Technical data are subject to changes without any previous notice. Information is consistent with our current production conditions and reflects typical values relating to manufacturing specification parameters and for typical end uses. We accept no liability or responsibility for any damage caused by products incorrectly applied in non typical end uses.

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03.4170.EQ.LE	569	03.4188.EQ	541	03.4211.GL	566	03.4294.EQ	570	03.4538.EQ.LE	536	03.5338.29	264
03.4170.GL	567	03.4188.EQ.LE	542	03.4212.74	573	03.4294.GL	570	03.4538.GL	534	03.5338.40	264
03.4170.GL.LE	569	03.4188.GL	541	03.4212.B1	573	03.4295.74	570	03.4538.GL.LE	536	03.5338.AN	264
03.4171.74	567	03.4188.GL.LE	542	03.4212.EQ	573	03.4295.74.LE	572	03.4539.74	534	03.5339.29	264
03.4171.74.LE	569	03.4189.74	541	03.4212.GL	573	03.4295.B1	570	03.4539.B1	534	03.5339.40	264
03.4171.B1	567	03.4189.B1	541	03.4213.74	573	03.4295.B1.LE	572	03.4539.EQ	534	03.5339.AN	264
03.4171.B1.LE	569	03.4189.EQ	541	03.4213.B1	573	03.4295.EQ	570	03.4539.GL	534	03.5730.11B	700
03.4171.EQ	567	03.4189.GL	541	03.4213.EQ	573	03.4295.EQ.LE	572	03.4540.74	534	03.5730.ANB	700
03.4171.EQ.LE	569	03.4190.74	543	03.4213.GL	573	03.4295.GL	570	03.4540.74.LE	536	03.5730.ASB	700
03.4171.GL	567	03.4190.74.LE	544	03.4218.74	578	03.4295.GL.LE	572	03.4540.B1	534	03.5730.B3B	700
03.4171.GL.LE	569	03.4190.B1	543	03.4218.B1	578	03.4296.74	570	03.4540.B1.LE	536	03.5731.11B	700
03.4172.74	567	03.4190.B1.LE	544	03.4218.EQ	578	03.4296.B1	570	03.4540.EQ	534	03.5731.ANB	700
03.4172.74.LE	569	03.4190.EQ	543	03.4218.GL	578	03.4296.EQ	570	03.4540.EQ.LE	536	03.5731.ASB	700
03.4172.B1	567	03.4190.EQ.LE	544	03.4219.74	578	03.4296.GL	570	03.4540.GL	534	03.5731.B3B	700
03.4172.B1.LE	569	03.4190.GL	543	03.4219.B1	578	03.4297.74	560	03.4540.GL.LE	536	03.5733.11B	700
03.4172.EQ	567	03.4190.GL.LE	544	03.4219.EQ	578	03.4297.74.LE	562	03.4541.74	534	03.5733.ANB	700
03.4172.EQ.LE	569	03.4191.74	543	03.4219.GL	578	03.4297.B1	560	03.4541.B1	534	03.5733.ASB	700
03.4172.GL	567	03.4191.B1	543	03.4220.74	578	03.4297.B1.LE	562	03.4541.EQ	534	03.5733.B3B	700
03.4172.GL.LE	569	03.4191.EQ	543	03.4220.B1	578	03.4297.EQ	560	03.4541.GL	534	03.5734.11B	700
03.4176.74	563	03.4191.GL	543	03.4220.EQ	578	03.4297.EQ.LE	562	03.4542.74	537	03.5734.ANB	700
03.4176.74.LE	565	03.4192.74	560	03.4220.GL	578	03.4297.GL	560	03.4542.74.LE	539	03.5734.ASB	700
03.4176.B1	563	03.4192.74.LE	562	03.4221.74	578	03.4297.GL.LE	562	03.4542.B1	537	03.5734.B3B	700
03.4176.B1.LE	565	03.4192.B1	560	03.4221.B1	578	03.4298.74	560	03.4542.B1.LE	539	03.5810.11B	701
03.4176.EQ	563	03.4192.B1.LE	562	03.4221.EQ	578	03.4298.B1	560	03.4542.EQ	537	03.5810.ANB	701
03.4176.EQ.LE	565	03.4192.EQ	560	03.4221.GL	578	03.4298.EQ	560	03.4542.EQ.LE	539	03.5810.ASB	701
03.4176.GL	563	03.4192.EQ.LE	562	03.4226.74	533	03.4298.GL	560	03.4542.GL	537	03.5810.B3B	701
03.4176.GL.LE	565	03.4192.GL	560	03.4226.B1	533	03.4520.11B	700	03.4542.GL.LE	539	03.5811.11B	701
03.4177.74	563	03.4192.GL.LE	562	03.4226.EQ	533	03.4520.ANB	700	03.4543.74	537	03.5811.ANB	701
03.4177.B1	563	03.4193.74	560	03.4226.GL	533	03.4520.ASB	700	03.4543.B1	537	03.5811.ASB	701
03.4177.EQ	563	03.4193.B1	560	03.4227.74	533	03.4520.B3B	700	03.4543.EQ	537	03.5811.B3B	701
03.4177.GL	563	03.4193.EQ	560	03.4227.B1	533	03.4521.11B	700	03.4543.GL	537	03.5813.11B	701
03.4178.74	563	03.4193.GL	560	03.4227.EQ	533	03.4521.ANB	700	03.4544.74	537	03.5813.ANB	701
03.4178.74.LE	565	03.4194.74	563	03.4227.GL	533	03.4521.ASB	700	03.4544.74.LE	539	03.5813.ASB	701
03.4178.B1	563	03.4194.74.LE	565	03.4228.74	533	03.4521.B3B	700	03.4544.B1	537	03.5813.B3B	701
03.4178.B1.LE	565	03.4194.B1	563	03.4228.B1	533	03.4523.11B	700	03.4544.B1.LE	539	03.5814.11B	701
03.4178.EQ	563	03.4194.B1.LE	565	03.4228.EQ	533	03.4523.ANB	700	03.4544.EQ	537	03.5814.ANB	701
03.4178.EQ.LE	565	03.4194.EQ	563	03.4228.GL	533	03.4523.ASB	700	03.4544.EQ.LE	539	03.5814.ASB	701
03.4178.GL	563	03.4194.EQ.LE	565	03.4229.74	533	03.4523.B3B	700	03.4544.GL	537	03.5814.B3B	701
03.4178.GL.LE	565	03.4194.GL	563	03.4229.B1	533	03.4524.11B	700	03.4544.GL.LE	539	03.5900.14	695
03.4179.74	563	03.4194.GL.LE	565	03.4229.EQ	533	03.4524.ANB	700	03.4545.74	537	03.5900.18	695
03.4179.B1	563	03.4195.74	563	03.4229.GL	533	03.4524.ASB	700	03.4545.B1	537	03.5900.B1	695
03.4179.EQ	563	03.4195.B1	563	03.4234.74	540	03.4524.B3B	700	03.4545.EQ	537	03.5901.14	695
03.4179.GL	563	03.4195.EQ	563	03.4234.B1	540	03.4530.74	527	03.4545.GL	537	03.5901.18	695
03.4180.74	527	03.4195.GL	563	03.4234.EQ	540	03.4530.74.LE	529	03.4570.74C	547	03.5901.B1	695
03.4180.74.LE	529	03.4196.74	574	03.4234.GL	540	03.4530.B1	527	03.4570.74C1V	547	03.5903.14	695
03.4180.B1	527	03.4196.74.LE	575	03.4235.74	540	03.4530.B1.LE	529	03.4570.74CDA	547	03.5903.18	695
03.4180.B1.LE	529	03.4196.B1	574	03.4235.B1	540	03.4530.EQ	527	03.4570.B1C	547	03.5903.B1	695
03.4180.EQ	527	03.4196.B1.LE	575	03.4235.EQ	540	03.4530.EQ.LE	529	03.4570.B1C1V	547	03.5904.14	695
03.4180.EQ.LE	529	03.4196.EQ	574	03.4235.GL	540	03.4530.GL	527	03.4570.B1CDA	547	03.5904.18	695
03.4180.GL	527	03.4196.EQ.LE	575	03.4236.74	540	03.4530.GL.LE	529	03.4570.EQC	547	03.5904.B1	695
03.4180.GL.LE	529	03.4196.GL	574	03.4236.B1	540	03.4531.74	527	03.4570.EQC1V	547	03.5905.14	695
03.4181.74	527	03.4196.GL.LE	575	03.4236.EQ	540	03.4531.B1	527	03.4570.EQCDA	547	03.5905.18	695
03.4181.B1	527	03.4197.74	574	03.4236.GL	540	03.4531.EQ	527	03.4570.GLC	547	03.5905.B1	695
03.4181.EQ	527	03.4197.B1	574	03.4237.74	540	03.4531.GL	527	03.4570.GLC1V	547	03.5907.14	695
03.4181.GL	527	03.4197.EQ	574	03.4237.B1	540	03.4532.74	527	03.4570.GLCDA	547	03.5907.18	695
03.4182.74	530	03.4197.GL	574	03.4237.EQ	540	03.4532.74.LE	529	03.4572.74	548	03.5907.B1	695
03.4182.74.LE	532	03.4198.74	576	03.4237.GL	540	03.4532.B1	527	03.4572.B1	548	03.5908.14	695
03.4182.B1	530	03.4198.74.LE	577	03.4242.74	545	03.4532.B1.LE	529	03.4572.EQ	548	03.5908.18	695
03.4182.B1.LE	532	03.4198.B1	576	03.4242.B1	545	03.4532.EQ	527	03.4572.GL	548	03.5908.B1	695
03.4182.EQ	530	03.4198.B1.LE	577	03.4242.EQ	545	03.4532.EQ.LE	529	03.4595.74C	547	03.5909.14	695
03.4182.EQ.LE	532	03.4198.EQ	576	03.4242.GL	545	03.4532.GL	527	03.4595.74C1V	547	03.5909.18	695
03.4182.GL	530	03.4198.EQ.LE	577	03.4243.74	545	03.4532.GL.LE	529	03.4595.74CDA	547	03.5909.B1	695
03.4182.GL.LE	532	03.4198.GL	576	03.4243.B1	545	03.4533.74	527	03.4595.B1C	547	03.5910.14	698
03.4183.74	530	03.4198.GL.LE	577	03.4243.EQ	545	03.4533.B1	527	03.4595.B1C1V	547	03.5910.18	698
03.4183.B1	530	03.4199.74	576	03.4243.GL	545	03.4533.EQ	527	03.4595.B1CDA	547	03.5910.B1	698
03.4183.EQ	530	03.4199.B1	576	03.4244.74	545	03.4533.GL	527	03.4595.EQC	547	03.5911.14	698
03.4183.GL	530	03.4199.EQ	576	03.4244.B1	545	03.4534.74	530	03.4595.EQC1V	547	03.5911.18	698
03.4184.74	534	03.4199.GL	576	03.4244.EQ	545	03.4534.74.LE	532	03.4595.EQCDA	547	03.5911.B1	698
03.4184.74.LE	536	03.4200.74	570	03.4244.GL	545	03.4534.B1	530	03.4595.GLC	547	03.5913.14	698
03.4184.B1	534	03.4200.74.LE	572	03.4245.74	545	03.4534.B1.LE	532	03.4595.GLC1V	547	03.5913.18	698
03.4184.B1.LE	536	03.4200.B1	570	03.4245.B1	545	03.4534.EQ	530	03.4595.GLCDA	547	03.5913.B1	698
03.4184.EQ	534	03.4200.B1.LE	572	03.4245.EQ	545	03.4534.EQ.LE	532	03.5330.29	264	03.5914.14	698
03.4184.EQ.LE	536	03.4200.EQ	570	03.4245.GL	545	03.4534.GL	530	03.5330.40	264	03.5914.18	698
03.4184.GL	534	03.4200.EQ.LE	572	03.4287.74	560	03.4534.GL.LE	532	03.5330.AN	264	03.5914.B1	698
03.4184.GL.LE	536	03.4200.GL	570	03.4287.74.LE	562	03.4535.74	530	03.5331.29	264	03.5915.14	698
03.4185.74	534	03.4200.GL.LE	572	03.4287.B1	560	03.4535.B1	530	03.5331.40	264	03.5915.18	698
03.4185.B1	534	03.4201.74	570	03.4287.B1.LE	562	03.4535.EQ	530	03.5331.AN	264	03.5915.B1	698
03.4185.EQ	534	03.4201.B1	570	03.4287.EQ	560	03.4535.GL	530	03.5332.29	264	03.5917.14	698
03.4185.GL	534	03.4201.EQ	570	03.4287.EQ.LE	562	03.4536.74	530	03.5332.40	264	03.5917.18	698
03.4186.74	537	03.4201.GL	570	03.4287.GL	560	03.4536.74.LE	532	03.5332.AN	264	03.5917.B1	698
03.4186.74.LE	539	03.4208.74	566	03.4287.GL.LE	562	03.4536.B1	530	03.5333.29	264	03.5918.14	698
03.4186.B1	537	03.4208.B1	566	03.4288.74	560	03.4536.B1.LE	532	03.5333.40	264	03.5918.18	698
03.4186.B1.LE	539	03.4208.EQ	566								

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03.5921.B1	694	03.6000.B1	695	03.6020.18ADA	694	03.6040.18	696	03.6150.14	617	03.6295.14ADA	198
03.5923.14	694	03.6000.B1ADA	695	03.6020.B1	694	03.6040.18ADA	696	03.6150.30	617	03.6296.14A	198
03.5923.18	694	03.6001.14	695	03.6020.B1ADA	694	03.6040.B1	696	03.6150.GN	617	03.6296.14ACB	198
03.5923.B1	694	03.6001.14ADA	695	03.6021.14	694	03.6040.B1ADA	696	03.6154.05A	617	03.6296.14ADA	198
03.5924.14	694	03.6001.18	695	03.6021.14ADA	694	03.6041.14	696	03.6154.14A	617	03.6297.14A	198
03.5924.18	694	03.6001.18ADA	695	03.6021.18	694	03.6041.14ADA	696	03.6154.30A	617	03.6297.14ACB	198
03.5924.B1	694	03.6001.B1	695	03.6021.18ADA	694	03.6041.18	696	03.6154.GNA	617	03.6297.14ADA	198
03.5925.14	694	03.6001.B1ADA	695	03.6021.B1	694	03.6041.18ADA	696	03.6170.05	677	03.6298.14A	198
03.5925.18	694	03.6003.14	695	03.6021.B1ADA	694	03.6041.B1	696	03.6170.14	677	03.6298.14ACB	198
03.5925.B1	694	03.6003.14ADA	695	03.6023.14	694	03.6041.B1ADA	696	03.6170.30	677	03.6298.14ADA	198
03.5927.14	694	03.6003.18	695	03.6023.14ADA	694	03.6043.14	696	03.6170.GN	677	03.6302.14B	180
03.5927.18	694	03.6003.18ADA	695	03.6023.18	694	03.6043.14ADA	696	03.6174.05A	677	03.6302.14ACB	180
03.5927.B1	694	03.6003.B1	695	03.6023.18ADA	694	03.6043.18	696	03.6174.14A	677	03.6302.14CDA	180
03.5928.14	694	03.6003.B1ADA	695	03.6023.B1	694	03.6043.18ADA	696	03.6174.30A	677	03.6303.14B	180
03.5928.18	694	03.6004.14	695	03.6023.B1ADA	694	03.6043.B1	696	03.6174.GNA	677	03.6303.14BCB	180
03.5928.B1	694	03.6004.14ADA	695	03.6024.14	694	03.6043.B1ADA	696	03.6260.14ADA	199	03.6303.14CDA	180
03.5929.14	694	03.6004.18	695	03.6024.14ADA	694	03.6044.14	696	03.6260.14B	199	03.6305.14C	197
03.5929.18	694	03.6004.18ADA	695	03.6024.18	694	03.6044.14ADA	696	03.6260.14.CB	199	03.6305.14CCB	197
03.5929.B1	694	03.6004.B1	695	03.6024.18ADA	694	03.6044.18	696	03.6261.14ADA	199	03.6305.14CDA	197
03.5930.14	697	03.6004.B1ADA	695	03.6024.B1	694	03.6044.18ADA	696	03.6261.14B	199	03.6306.14C	197
03.5930.18	697	03.6005.14	695	03.6024.B1ADA	694	03.6044.B1	696	03.6261.14.CB	199	03.6306.14CCB	197
03.5930.B1	697	03.6005.14ADA	695	03.6025.14	694	03.6044.B1ADA	696	03.6262.14ADA	199	03.6306.14CDA	197
03.5931.14	697	03.6005.18	695	03.6025.14ADA	694	03.6045.14	696	03.6262.14B	199	03.6603.14	602
03.5931.18	697	03.6005.18ADA	695	03.6025.18	694	03.6045.14ADA	696	03.6262.14.CB	199	03.6603.14.1V	602
03.5931.B1	697	03.6005.B1	695	03.6025.18ADA	694	03.6045.18	696	03.6263.14ADA	199	03.6603.14ADA	602
03.5933.14	697	03.6005.B1ADA	695	03.6025.B1	694	03.6045.18ADA	696	03.6263.14B	199	03.6603.40	602
03.5933.18	697	03.6007.14	695	03.6025.B1ADA	694	03.6045.B1	696	03.6263.14.CB	199	03.6603.40.1V	602
03.5933.B1	697	03.6007.14ADA	695	03.6027.14	694	03.6045.B1ADA	696	03.6272.06D	200	03.6603.40ADA	602
03.5934.14	697	03.6007.18	695	03.6027.14ADA	694	03.6047.14	696	03.6272.06DCB	200	03.6604.14	602
03.5934.18	697	03.6007.18ADA	695	03.6027.18	694	03.6047.14ADA	696	03.6272.06EDA	200	03.6604.14.1V	602
03.5934.B1	697	03.6007.B1	695	03.6027.18ADA	694	03.6047.18	696	03.6272.14D	200	03.6604.14ADA	602
03.5935.14	697	03.6007.B1ADA	695	03.6027.B1	694	03.6047.18ADA	696	03.6272.14DCB	200	03.6604.40	602
03.5935.18	697	03.6008.14	695	03.6027.B1ADA	694	03.6047.B1	696	03.6272.14EDA	200	03.6604.40.1V	602
03.5935.B1	697	03.6008.14ADA	695	03.6028.14	694	03.6047.B1ADA	696	03.6272.30D	200	03.6604.40ADA	602
03.5937.14	697	03.6008.18	695	03.6028.14ADA	694	03.6048.14	696	03.6272.30DCB	200	03.6605.14	602
03.5937.18	697	03.6008.18ADA	695	03.6028.18	694	03.6048.14ADA	696	03.6272.30EDA	200	03.6605.14.1V	602
03.5937.B1	697	03.6008.B1	695	03.6028.18ADA	694	03.6048.18	696	03.6273.06D	200	03.6605.14ADA	602
03.5938.14	697	03.6008.B1ADA	695	03.6028.B1	694	03.6048.18ADA	696	03.6273.06DCB	200	03.6605.40	602
03.5938.18	697	03.6009.14	695	03.6028.B1ADA	694	03.6048.B1	696	03.6273.06EDA	200	03.6605.40.1V	602
03.5938.B1	697	03.6009.14ADA	695	03.6029.14	694	03.6048.B1ADA	696	03.6273.14D	200	03.6605.40ADA	602
03.5939.14	697	03.6009.18	695	03.6029.14ADA	694	03.6049.14	696	03.6273.14DCB	200	03.6606.14	602
03.5939.18	697	03.6009.18ADA	695	03.6029.18	694	03.6049.14ADA	696	03.6273.14EDA	200	03.6606.14.1V	602
03.5939.B1	697	03.6009.B1	695	03.6029.18ADA	694	03.6049.18	696	03.6273.30D	200	03.6606.14ADA	602
03.5940.14	696	03.6009.B1ADA	695	03.6029.B1	694	03.6049.18ADA	696	03.6273.30DCB	200	03.6606.40	602
03.5940.18	696	03.6010.14	698	03.6029.B1ADA	694	03.6049.B1	696	03.6273.30EDA	200	03.6606.40.1V	602
03.5940.B1	696	03.6010.14ADA	698	03.6030.14	697	03.6049.B1ADA	696	03.6274.14B	182	03.6606.40ADA	602
03.5941.14	696	03.6010.18	698	03.6030.14ADA	697	03.6050.14	699	03.6274.14BCB	182	03.6607.14	602
03.5941.18	696	03.6010.18ADA	698	03.6030.18	697	03.6050.14ADA	699	03.6274.14BDA	182	03.6607.14.1V	602
03.5941.B1	696	03.6010.B1	698	03.6030.18ADA	697	03.6050.18	699	03.6274.40B	182	03.6607.14ADA	602
03.5943.14	696	03.6010.B1ADA	698	03.6030.B1	697	03.6050.18ADA	699	03.6274.40BCB	182	03.6607.40	602
03.5943.18	696	03.6011.14	698	03.6030.B1ADA	697	03.6050.B1	699	03.6274.40BDA	182	03.6607.40.1V	602
03.5943.B1	696	03.6011.14ADA	698	03.6031.14	697	03.6050.B1ADA	699	03.6275.14B	182	03.6607.40ADA	602
03.5944.14	696	03.6011.18	698	03.6031.14ADA	697	03.6051.14	699	03.6275.14BCB	182	03.6608.14	602
03.5944.18	696	03.6011.18ADA	698	03.6031.18	697	03.6051.14ADA	699	03.6275.14BDA	182	03.6608.14.1V	602
03.5944.B1	696	03.6011.B1	698	03.6031.18ADA	697	03.6051.18	699	03.6275.40B	182	03.6608.14ADA	602
03.5945.14	696	03.6011.B1ADA	698	03.6031.B1	697	03.6051.18ADA	699	03.6275.40BCB	182	03.6608.40	602
03.5945.18	696	03.6013.14	698	03.6031.B1ADA	697	03.6051.B1	699	03.6275.40BDA	182	03.6608.40.1V	602
03.5945.B1	696	03.6013.14ADA	698	03.6033.14	697	03.6051.B1ADA	699	03.6277.14B	182	03.6608.40ADA	602
03.5947.14	696	03.6013.18	698	03.6033.14ADA	697	03.6053.14	699	03.6277.14BCB	182	03.6610.1B	601
03.5947.18	696	03.6013.18ADA	698	03.6033.18	697	03.6053.14ADA	699	03.6277.14BDA	182	03.6610.1B.1V	601
03.5947.B1	696	03.6013.B1	698	03.6033.18ADA	697	03.6053.18	699	03.6277.40B	182	03.6610.1BADA	601
03.5948.14	696	03.6013.B1ADA	698	03.6033.B1	697	03.6053.18ADA	699	03.6277.40BCB	182	03.6610.1C	601
03.5948.18	696	03.6014.14	698	03.6033.B1ADA	697	03.6053.B1	699	03.6277.40BDA	182	03.6610.1C.1V	601
03.5948.B1	696	03.6014.14ADA	698	03.6034.14	697	03.6053.B1ADA	699	03.6278.14B	182	03.6610.1CADA	601
03.5949.14	696	03.6014.18	698	03.6034.14ADA	697	03.6054.14	699	03.6278.14BCB	182	03.6610.3B	601
03.5949.18	696	03.6014.18ADA	698	03.6034.18	697	03.6054.14ADA	699	03.6278.14BDA	182	03.6610.3B.1V	601
03.5949.B1	696	03.6014.B1	698	03.6034.18ADA	697	03.6054.18	699	03.6278.40B	182	03.6610.3BADA	601
03.5950.14	699	03.6014.B1ADA	698	03.6034.B1	697	03.6054.18ADA	699	03.6278.40BCB	182	03.6610.3C	601
03.5950.18	699	03.6015.14	698	03.6034.B1ADA	697	03.6054.B1	699	03.6278.40BDA	182	03.6610.3C.1V	601
03.5950.B1	699	03.6015.14ADA	698	03.6035.14	697	03.6054.B1ADA	699	03.6284.14C	181	03.6610.3CADA	601
03.5951.14	699	03.6015.18	698	03.6035.14ADA	697	03.6055.14	699	03.6284.14CCB	181	03.6611.1B	601
03.5951.18	699	03.6015.18ADA	698	03.6035.18	697	03.6055.14ADA	699	03.6284.14CDA	181	03.6611.1B.1V	601
03.5951.B1	699	03.6015.B1	698	03.6035.18ADA	697	03.6055.18	699	03.6284.40C	181	03.6611.1BADA	601
03.5953.14	699	03.6015.B1ADA	698	03.6035.B1	697	03.6055.18ADA	699	03.6284.40CCB	181	03.6611.1C	601
03.5953.18	699	03.6017.14	698	03.6035.B1ADA	697	03.6055.B1	699	03.6284.40CDA	181	03.6611.1C.1V	601
03.5953.B1	699	03.6017.14ADA	698	03.6037.14	697	03.6055.B1ADA	699	03.6285.14C	181	03.6611.1CADA	601
03.5954.14	699	03.6017.18	698	03.6037.14ADA	697	03.6057.14	699	03.6285.14CCB	181	03.6611.3B	601
03.5954.18	699	03.6017.18ADA	698	03.6037.18	697	03.6057.14ADA	699	03.6285.14CDA	181	03.6611.3B.1V	601
03.5954.B1	699	03.6017.B1	698	03.6037.18ADA	697	03.6057.18	699	03.6285.40C	181	03.6611.3BADA	601
03.5955.14	699	03.6017.B1ADA	698	03.6037.B1	697	03.6057.18ADA	699	03.6285.40CCB	181	03.6611.3C	601
03.5955.18	699	03.6018.14	698	03.6037.B1ADA	697	03.6057.B1	699	03.6285.40CDA	181	03.6611.3C.1V	601
03.5955.B1	699	03.6018.14ADA	698	03.6038.14	697	03.6057.B1ADA	699	03.6286.14C	181	03.6611.3CADA	601
03.5957.14	699	03.6018.18	698	03.6038.14ADA	697	03.6058.14	699	03.6286.14CCB			

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03.6614.1B.1V	604	03.6804.14.1V	610	03.6814.1CADA	612	03.6829.40A	613	03.7316.40ACB	415	03.7358.40A	427
03.6614.1BADA	604	03.6804.14A	610	03.6814.3B.1V	612	03.6829.40ADA	613	03.7316.40ADA	415	03.7358.40ACB	427
03.6614.1C	604	03.6804.14ADA	610	03.6814.3BA	612	03.7000.14	174	03.7316.40ANI	415	03.7358.40ADA	427
03.6614.1C.1V	604	03.6804.40.1V	610	03.6814.3BADA	612	03.7000.14ADA	174	03.7317.14A	415	03.7358.40ANI	427
03.6614.1CADA	604	03.6804.40A	610	03.6814.3C.1V	612	03.7000.14.CB	174	03.7317.14ACB	415	03.7359.14A	427
03.6614.3B	604	03.6804.40ADA	610	03.6814.3CA	612	03.7001.14	174	03.7317.14ADA	415	03.7359.14ACB	427
03.6614.3B.1V	604	03.6805.14.1V	610	03.6814.3CADA	612	03.7001.14ADA	174	03.7317.14ANI	415	03.7359.14ADA	427
03.6614.3BADA	604	03.6805.14A	610	03.6815.14.1V	609	03.7001.14.CB	174	03.7317.40A	415	03.7359.14ANI	427
03.6614.3C	604	03.6805.14ADA	610	03.6815.14A	609	03.7002.14	174	03.7317.40ACB	415	03.7359.40A	427
03.6614.3C.1V	604	03.6805.40.1V	610	03.6815.14ADA	609	03.7002.14ADA	174	03.7317.40ADA	415	03.7359.40ACB	427
03.6614.3CADA	604	03.6805.40A	610	03.6815.40.1V	609	03.7002.14.CB	174	03.7317.40ANI	415	03.7359.40ADA	427
03.6618.14	603	03.6805.40ADA	610	03.6815.40A	609	03.7003.14	174	03.7320.14A	415	03.7359.40ANI	427
03.6618.14.1V	603	03.6806.14.1V	610	03.6815.40ADA	609	03.7003.14ADA	174	03.7320.14ACB	415	03.7362.14A	427
03.6618.14ADA	603	03.6806.14A	610	03.6816.14.1V	609	03.7003.14.CB	174	03.7320.14ADA	415	03.7362.14ACB	427
03.6618.40	603	03.6806.14ADA	610	03.6816.14A	609	03.7004.14	174	03.7320.14ANI	415	03.7362.14ADA	427
03.6618.40.1V	603	03.6806.40.1V	610	03.6816.14ADA	609	03.7004.14ADA	174	03.7320.40A	415	03.7362.14ANI	427
03.6618.40ADA	603	03.6806.40A	610	03.6816.40.1V	609	03.7004.14.CB	174	03.7320.40ACB	415	03.7362.40A	427
03.6619.14	603	03.6806.40ADA	610	03.6816.40A	609	03.7005.14	174	03.7320.40ADA	415	03.7362.40ACB	427
03.6619.14.1V	603	03.6807.14.1V	610	03.6816.40ADA	609	03.7005.14ADA	174	03.7320.40ANI	415	03.7362.40ADA	427
03.6619.14ADA	603	03.6807.14A	610	03.6817.14.1V	609	03.7005.14.CB	174	03.7321.14A	415	03.7362.40ANI	427
03.6619.40	603	03.6807.14ADA	610	03.6817.14A	609	03.7006.14	174	03.7321.14ACB	415	03.7363.14A	427
03.6619.40.1V	603	03.6807.40.1V	610	03.6817.14ADA	609	03.7006.14ADA	174	03.7321.14ADA	415	03.7363.14ACB	427
03.6619.40ADA	603	03.6807.40A	610	03.6817.40.1V	609	03.7006.14.CB	174	03.7321.14ANI	415	03.7363.14ADA	427
03.6620.14	603	03.6807.40ADA	610	03.6817.40A	609	03.7007.14	174	03.7321.40A	415	03.7363.14ANI	427
03.6620.14.1V	603	03.6808.14.1V	610	03.6817.40ADA	609	03.7007.14ADA	174	03.7321.40ACB	415	03.7363.40A	427
03.6620.14ADA	603	03.6808.14A	610	03.6818.14.1V	611	03.7007.14.CB	174	03.7321.40ADA	415	03.7363.40ACB	427
03.6620.40	603	03.6808.14ADA	610	03.6818.14A	611	03.7300.14A	407	03.7321.40ANI	415	03.7363.40ADA	427
03.6620.40.1V	603	03.6808.40.1V	610	03.6818.14ADA	611	03.7300.14ACB	407	03.7324.14A	419	03.7363.40ANI	427
03.6620.40ADA	603	03.6808.40A	610	03.6818.40.1V	611	03.7300.14ADA	407	03.7324.14ACB	419	03.7366.14A	431
03.6621.14	603	03.6808.40ADA	610	03.6818.40A	611	03.7300.14ANI	407	03.7324.14ANI	419	03.7366.14ACB	431
03.6621.14.1V	603	03.6809.1B.1V	606	03.6818.40ADA	611	03.7300.40A	407	03.7324.14BDA	419	03.7366.14ADA	431
03.6621.14ADA	603	03.6809.1BA	606	03.6819.14.1V	611	03.7300.40ACB	407	03.7324.40A	419	03.7366.14ANI	431
03.6621.40	603	03.6809.1BADA	606	03.6819.14A	611	03.7300.40ADA	407	03.7324.40ACB	419	03.7366.40A	431
03.6621.40.1V	603	03.6809.1C.1V	606	03.6819.14ADA	611	03.7300.40ANI	407	03.7324.40ANI	419	03.7366.40ACB	431
03.6621.40ADA	603	03.6809.1CA	606	03.6819.40.1V	611	03.7301.14A	407	03.7324.40BDA	419	03.7366.40ADA	431
03.6622.14	603	03.6809.1CADA	606	03.6819.40A	611	03.7301.14ACB	407	03.7325.14A	419	03.7366.40ANI	431
03.6622.14.1V	603	03.6809.3B.1V	606	03.6819.40ADA	611	03.7301.14ADA	407	03.7325.14ACB	419	03.7367.14A	431
03.6622.14ADA	603	03.6809.3BA	606	03.6820.14.1V	611	03.7301.14ANI	407	03.7325.14ANI	419	03.7367.14ACB	431
03.6622.40	603	03.6809.3BADA	606	03.6820.14A	611	03.7301.40A	407	03.7325.14BDA	419	03.7367.14ADA	431
03.6622.40.1V	603	03.6809.3C.1V	606	03.6820.14ADA	611	03.7301.40ACB	407	03.7325.40A	419	03.7367.14ANI	431
03.6622.40ADA	603	03.6809.3CA	606	03.6820.40.1V	611	03.7301.40ADA	407	03.7325.40ACB	419	03.7367.40A	431
03.6623.14	603	03.6809.3CADA	606	03.6820.40A	611	03.7301.40ANI	407	03.7325.40ANI	419	03.7367.40ACB	431
03.6623.14.1V	603	03.6810.1B.1V	606	03.6820.40ADA	611	03.7304.14A	407	03.7325.40BDA	419	03.7367.40ADA	431
03.6623.14ADA	603	03.6810.1BA	606	03.6821.14.1V	611	03.7304.14ACB	407	03.7328.14A	419	03.7367.40ANI	431
03.6623.40	603	03.6810.1BADA	606	03.6821.14A	611	03.7304.14ADA	407	03.7328.14ACB	419	03.7370.14A	431
03.6623.40.1V	603	03.6810.1C.1V	606	03.6821.14ADA	611	03.7304.14ANI	407	03.7328.14ANI	419	03.7370.14ACB	431
03.6623.40ADA	603	03.6810.1CA	606	03.6821.40.1V	611	03.7304.40A	407	03.7328.14BDA	419	03.7370.14ADA	431
03.6625.06	601	03.6810.1CADA	606	03.6821.40A	611	03.7304.40ACB	407	03.7328.40A	419	03.7370.14ANI	431
03.6625.06.1V	601	03.6810.3B.1V	606	03.6821.40ADA	611	03.7304.40ADA	407	03.7328.40ACB	419	03.7370.40A	431
03.6625.06ADA	601	03.6810.3BA	606	03.6822.14.1V	611	03.7304.40ANI	407	03.7328.40ANI	419	03.7370.40ACB	431
03.6625.40	601	03.6810.3BADA	606	03.6822.14A	611	03.7305.14A	407	03.7328.40BDA	419	03.7370.40ADA	431
03.6625.40.1V	601	03.6810.3C.1V	606	03.6822.14ADA	611	03.7305.14ACB	407	03.7329.14A	419	03.7370.40ANI	431
03.6625.40ADA	601	03.6810.3CA	606	03.6822.40.1V	611	03.7305.14ADA	407	03.7329.14ACB	419	03.7371.14A	431
03.6626.06	601	03.6810.3CADA	606	03.6822.40A	611	03.7305.14ANI	407	03.7329.14ANI	419	03.7371.14ACB	431
03.6626.06.1V	601	03.6811.1B.1V	606	03.6822.40ADA	611	03.7305.40A	407	03.7329.14BDA	419	03.7371.14ADA	431
03.6626.06ADA	601	03.6811.1BA	606	03.6823.14.1V	611	03.7305.40ACB	407	03.7329.40A	419	03.7371.14ANI	431
03.6626.40	601	03.6811.1BADA	606	03.6823.14A	611	03.7305.40ADA	407	03.7329.40ACB	419	03.7371.40A	431
03.6626.40.1V	601	03.6811.1C.1V	606	03.6823.14ADA	611	03.7305.40ANI	407	03.7329.40ANI	419	03.7371.40ACB	431
03.6626.40ADA	601	03.6811.1CA	606	03.6823.40.1V	611	03.7308.14A	411	03.7329.40BDA	419	03.7371.40ADA	431
03.6628.06	605	03.6811.1CADA	606	03.6823.40A	611	03.7308.14ACB	411	03.7350.14A	423	03.7371.40ANI	431
03.6628.06ADA	605	03.6811.3B.1V	606	03.6823.40ADA	611	03.7308.14ADA	411	03.7350.14ACB	423	03.7374.14A	435
03.6628.06ADA	605	03.6811.3BA	606	03.6824.06.1V	607	03.7308.14ANI	411	03.7350.14ADA	423	03.7374.14ACB	435
03.6628.40	605	03.6811.3BADA	606	03.6824.06A	607	03.7308.40A	411	03.7350.14ANI	423	03.7374.14ANI	435
03.6628.40ADA	605	03.6811.3C.1V	606	03.6824.06ADA	607	03.7308.40ACB	411	03.7350.40A	423	03.7374.14BDA	435
03.6628.40ADA	605	03.6811.3CA	606	03.6824.40.1V	607	03.7308.40ADA	411	03.7350.40ACB	423	03.7374.40A	435
03.6629.06	605	03.6811.3CADA	606	03.6824.40A	607	03.7308.40ANI	411	03.7350.40ADA	423	03.7374.40ACB	435
03.6629.06ADA	605	03.6812.1B.1V	612	03.6824.40ADA	607	03.7309.14A	411	03.7350.40ANI	423	03.7374.40ANI	435
03.6629.06ADA	605	03.6812.1BA	612	03.6825.06.1V	607	03.7309.14ACB	411	03.7351.14A	423	03.7374.40BDA	435
03.6629.40	605	03.6812.1BADA	612	03.6825.06A	607	03.7309.14ADA	411	03.7351.14ACB	423	03.7375.14A	435
03.6629.40ADA	605	03.6812.1C.1V	612	03.6825.06ADA	607	03.7309.14ANI	411	03.7351.14ADA	423	03.7375.14ACB	435
03.6629.40ADA	605	03.6812.1CA	612	03.6825.40.1V	607	03.7309.40A	411	03.7351.14ANI	423	03.7375.14ANI	435
03.6800.14.1V	608	03.6812.1CADA	612	03.6825.40A	607	03.7309.40ACB	411	03.7351.40A	423	03.7375.14BDA	435
03.6800.14A	608	03.6812.3B.1V	612	03.6825.40ADA	607	03.7309.40ADA	411	03.7351.40ACB	423	03.7375.40A	435
03.6800.14ADA	608	03.6812.3BA	612	03.6826.06.1V	607	03.7309.40ANI	411	03.7351.40ADA	423	03.7375.40ACB	435
03.6800.40.1V	608	03.6812.3BADA	612	03.6826.06A	607	03.7312.14A	411	03.7351.40ANI	423	03.7375.40ANI	435
03.6800.40A	608	03.6812.3C.1V	612	03.6826.06ADA	607	03.7312.14ACB	411	03.7354.14A	423	03.7375.40BDA	435
03.6800.40ADA	608	03.6812.3CA	612	03.6826.40.1V	607	03.7312.14ADA	411	03.7354.14ACB	423	03.7378.14A	435
03.6801.14.1V	608	03.6812.3CADA	612	03.6826.40A	607	03.7312.14ANI	411	03.7354.14ADA	423	03.7378.14ACB	435
03.6801.14A	608	03.6813.1B.1V	612	03.6826.40ADA	607	03.7312.40A	411	03.7354.14ANI	423	03.7378.14ANI	435
03.6801.14ADA	608	03.6813.1BA	612	03.6827.06.1V	613	03.7312.40ACB	411	03.7354.40A			

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03.8000.14.DA	217	03.8032.14A1V	50	03.8044.14A	51	03.8054.14A	52	03.8074.05ADA	222	03.8091.40	234
03.8001.14	217	03.8032.14A1V	218	03.8044.14A1V	219	03.8054.14A	220	03.8074.14A	62	03.8091.40.CB	234
03.8001.14.1V	217	03.8032.14ACB	50	03.8044.14A1V	219	03.8054.14A1V	52	03.8074.14A	222	03.8100.14A	48
03.8001.14.CB	217	03.8032.14ACB	218	03.8044.14ACB	51	03.8054.14A1V	220	03.8074.14A1V	62	03.8100.14A1V	48
03.8001.14.DA	217	03.8032.14ADA	50	03.8044.14ACB	219	03.8054.14ACB	52	03.8074.14A1V	222	03.8100.14ACB	48
03.8002.14	217	03.8032.14ADA	218	03.8044.14ADA	51	03.8054.14ACB	220	03.8074.14ACB	62	03.8100.14ADA	48
03.8002.14.1V	217	03.8032.40A	50	03.8044.14ADA	219	03.8054.14ADA	52	03.8074.14ACB	222	03.8100.40A	48
03.8002.14.CB	217	03.8032.40A	218	03.8044.40A	51	03.8054.14ADA	220	03.8074.14ADA	62	03.8100.40A1V	48
03.8002.14.DA	217	03.8032.40A1V	50	03.8044.40A	219	03.8054.40A	52	03.8074.14ADA	222	03.8100.40ACB	48
03.8003.14	217	03.8032.40A1V	218	03.8044.40A1V	51	03.8054.40A	220	03.8074.40A	62	03.8100.40ADA	48
03.8003.14.1V	217	03.8032.40ACB	50	03.8044.40A1V	219	03.8054.40A1V	52	03.8074.40A	222	03.8101.14A	48
03.8003.14.CB	217	03.8032.40ACB	218	03.8044.40ACB	51	03.8054.40A1V	220	03.8074.40A1V	62	03.8101.14A1V	48
03.8003.14.DA	217	03.8032.40ADA	50	03.8044.40ACB	219	03.8054.40ACB	52	03.8074.40A1V	222	03.8101.14ACB	48
03.8004.14	217	03.8032.40ADA	218	03.8044.40ADA	51	03.8054.40ACB	220	03.8074.40ACB	62	03.8101.14ADA	48
03.8004.14.1V	217	03.8033.05A	50	03.8044.40ADA	219	03.8054.40ADA	52	03.8074.40ACB	222	03.8101.40A	48
03.8004.14.CB	217	03.8033.05A	218	03.8045.05A	51	03.8054.40ADA	220	03.8074.40ADA	62	03.8101.40A1V	48
03.8004.14.DA	217	03.8033.05A1V	50	03.8045.05A	219	03.8055.05A	52	03.8074.40ADA	222	03.8101.40ACB	48
03.8005.14	217	03.8033.05A1V	218	03.8045.05A1V	51	03.8055.05A	220	03.8075.05A	62	03.8101.40ADA	48
03.8005.14.1V	217	03.8033.05ACB	50	03.8045.05A1V	219	03.8055.05A1V	52	03.8075.05A	222	03.8102.14A	48
03.8005.14.CB	217	03.8033.05ACB	218	03.8045.05ACB	51	03.8055.05A1V	220	03.8075.05A1V	62	03.8102.14A1V	48
03.8005.14.DA	217	03.8033.05ADA	50	03.8045.05ACB	219	03.8055.05ACB	52	03.8075.05A1V	222	03.8102.14ACB	48
03.8006.14	217	03.8033.05ADA	218	03.8045.05ADA	51	03.8055.05ACB	220	03.8075.05ACB	62	03.8102.14ADA	48
03.8006.14.1V	217	03.8033.14A	50	03.8045.05ADA	219	03.8055.05ADA	52	03.8075.05ACB	222	03.8102.40A	48
03.8006.14.CB	217	03.8033.14A	218	03.8045.14A	51	03.8055.05ADA	220	03.8075.05ADA	62	03.8102.40A1V	48
03.8006.14.DA	217	03.8033.14A1V	50	03.8045.14A	219	03.8055.14A	52	03.8075.05ADA	222	03.8102.40ACB	48
03.8007.14	217	03.8033.14A1V	218	03.8045.14A1V	51	03.8055.14A	220	03.8075.14A	62	03.8102.40ADA	48
03.8007.14.1V	217	03.8033.14ACB	50	03.8045.14A1V	219	03.8055.14A1V	52	03.8075.14A	222	03.8105.14A	48
03.8007.14.CB	217	03.8033.14ACB	218	03.8045.14ACB	51	03.8055.14A1V	220	03.8075.14A1V	62	03.8105.14A1V	48
03.8007.14.DA	217	03.8033.14ADA	50	03.8045.14ACB	219	03.8055.14ACB	52	03.8075.14A1V	222	03.8105.14ACB	48
03.8008.14	217	03.8033.14ADA	218	03.8045.14ADA	51	03.8055.14ACB	220	03.8075.14ACB	62	03.8105.14ADA	48
03.8008.14.1V	217	03.8033.40A	50	03.8045.14ADA	219	03.8055.14ADA	52	03.8075.14ACB	222	03.8105.40A	48
03.8008.14.CB	217	03.8033.40A	218	03.8045.40A	51	03.8055.14ADA	220	03.8075.14ADA	62	03.8105.40A1V	48
03.8008.14.DA	217	03.8033.40A1V	50	03.8045.40A	219	03.8055.40A	52	03.8075.14ADA	222	03.8105.40ACB	48
03.8009.14	217	03.8033.40A1V	218	03.8045.40A1V	51	03.8055.40A	220	03.8075.40A	62	03.8105.40ADA	48
03.8009.14.1V	217	03.8033.40ACB	50	03.8045.40A1V	219	03.8055.40A1V	52	03.8075.40A	222	03.8106.14A	48
03.8009.14.CB	217	03.8033.40ACB	218	03.8045.40ACB	51	03.8055.40A1V	220	03.8075.40A1V	62	03.8106.14A1V	48
03.8009.14.DA	217	03.8033.40ADA	50	03.8045.40ACB	219	03.8055.40ACB	52	03.8075.40A1V	222	03.8106.14ACB	48
03.8025.05	224	03.8033.40ADA	218	03.8045.40ADA	51	03.8055.40ACB	220	03.8075.40ACB	62	03.8106.14ADA	48
03.8025.05.1V	224	03.8042.05A	51	03.8045.40ADA	219	03.8055.40ADA	52	03.8075.40ACB	222	03.8106.40A	48
03.8025.05.CB	224	03.8042.05A	219	03.8052.05A	52	03.8055.40ADA	220	03.8075.40ADA	62	03.8106.40A1V	48
03.8025.05.DA	224	03.8042.05A1V	51	03.8052.05A	220	03.8072.05A	62	03.8075.40ADA	222	03.8106.40ACB	48
03.8025.14	224	03.8042.05A1V	219	03.8052.05A1V	52	03.8072.05A	222	03.8076.05A	62	03.8106.40ADA	48
03.8025.14.1V	224	03.8042.05ACB	51	03.8052.05A1V	220	03.8072.05A1V	62	03.8076.05A	222	03.8107.14A	48
03.8025.14.CB	224	03.8042.05ACB	219	03.8052.05ACB	52	03.8072.05A1V	222	03.8076.05A1V	62	03.8107.14A1V	48
03.8025.14.DA	224	03.8042.05ADA	51	03.8052.05ACB	220	03.8072.05ACB	62	03.8076.05A1V	222	03.8107.14ACB	48
03.8025.40	224	03.8042.05ADA	219	03.8052.05ADA	52	03.8072.05ACB	222	03.8076.05ACB	62	03.8107.14ADA	48
03.8025.40.1V	224	03.8042.14A	51	03.8052.05ADA	220	03.8072.05ADA	62	03.8076.05ACB	222	03.8107.40A	48
03.8025.40.CB	224	03.8042.14A	219	03.8052.14A	52	03.8072.05ADA	222	03.8076.05ADA	62	03.8107.40A1V	48
03.8025.40.DA	224	03.8042.14A1V	51	03.8052.14A	220	03.8072.14A	62	03.8076.05ADA	222	03.8107.40ACB	48
03.8026.05	224	03.8042.14A1V	219	03.8052.14A1V	52	03.8072.14A	222	03.8076.14A	62	03.8107.40ADA	48
03.8026.05.1V	224	03.8042.14ACB	51	03.8052.14A1V	220	03.8072.14A.1V	62	03.8076.14A	222	03.8110.14A	49
03.8026.05.CB	224	03.8042.14ACB	219	03.8052.14ACB	52	03.8072.14A1V	222	03.8076.14A1V	62	03.8110.14A1V	49
03.8026.05.DA	224	03.8042.14ADA	51	03.8052.14ACB	220	03.8072.14ACB	62	03.8076.14A1V	222	03.8110.14ACB	49
03.8026.14	224	03.8042.14ADA	219	03.8052.14ADA	52	03.8072.14ACB	222	03.8076.14ACB	62	03.8110.14ADA	49
03.8026.14.1V	224	03.8042.40A	51	03.8052.14ADA	220	03.8072.14ADA	62	03.8076.14ACB	222	03.8110.40A	49
03.8026.14.CB	224	03.8042.40A	219	03.8052.40A	52	03.8072.14ADA	222	03.8076.14ADA	62	03.8110.40A1V	49
03.8026.14.DA	224	03.8042.40A1V	51	03.8052.40A	220	03.8072.40A	62	03.8076.14ADA	222	03.8110.40ACB	49
03.8026.40	224	03.8042.40A1V	219	03.8052.40A1V	52	03.8072.40A	222	03.8076.40A	62	03.8110.40ADA	49
03.8026.40.1V	224	03.8042.40ACB	51	03.8052.40A1V	220	03.8072.40A1V	62	03.8076.40A	222	03.8111.14A	49
03.8026.40.CB	224	03.8042.40ACB	219	03.8052.40ACB	52	03.8072.40A1V	222	03.8076.40A1V	62	03.8111.14A1V	49
03.8026.40.DA	224	03.8042.40ADA	51	03.8052.40ACB	220	03.8072.40ACB	62	03.8076.40A1V	222	03.8111.14ACB	49
03.8027.05	224	03.8042.40ADA	219	03.8052.40ADA	52	03.8072.40ACB	222	03.8076.40ACB	62	03.8111.14ADA	49
03.8027.05.1V	224	03.8043.05A	51	03.8052.40ADA	220	03.8072.40ADA	62	03.8076.40ACB	222	03.8111.40A	49
03.8027.05.CB	224	03.8043.05A	219	03.8053.05A	52	03.8072.40ADA	222	03.8076.40ADA	62	03.8111.40A1V	49
03.8027.05.DA	224	03.8043.05A1V	51	03.8053.05A	220	03.8073.05A	62	03.8076.40ADA	222	03.8111.40ACB	49
03.8027.14	224	03.8043.05A1V	219	03.8053.05A1V	52	03.8073.05A	222	03.8077.05A	62	03.8111.40ADA	49
03.8027.14.1V	224	03.8043.05ACB	51	03.8053.05A1V	220	03.8073.05A1V	62	03.8077.05A	222	03.8112.14A	49
03.8027.14.CB	224	03.8043.05ACB	219	03.8053.05ACB	52	03.8073.05A1V	222	03.8077.05A1V	62	03.8112.14A1V	49
03.8027.14.DA	224	03.8043.05ADA	51	03.8053.05ACB	220	03.8073.05ACB	62	03.8077.05A1V	222	03.8112.14ACB	49
03.8027.40	224	03.8043.05ADA	219	03.8053.05ADA	52	03.8073.05ACB	222	03.8077.05ACB	62	03.8112.14ADA	49
03.8027.40.1V	224	03.8043.14A	51	03.8053.05ADA	220	03.8073.05ADA	62	03.8077.05ACB	222	03.8112.40A	49
03.8027.40.CB	224	03.8043.14A	219	03.8053.14A	52	03.8073.05ADA	222	03.8077.05ADA	62	03.8112.40A1V	49
03.8027.40.DA	224	03.8043.14A1V	51	03.8053.14A	220	03.8073.14A	62	03.8077.05ADA	222	03.8112.40ACB	49
03.8028.05	224	03.8043.14A1V	219	03.8053.14A1V	52	03.8073.14A	222	03.8077.14A	62	03.8112.40ADA	49
03.8028.05.1V	224	03.8043.14ACB	51	03.8053.14A1V	220	03.8073.14A1V	62	03.8077.14A	222	03.8115.14A	49
03.8028.05.CB	224	03.8043.14ACB	219	03.8053.14ACB	52	03.8073.14A1V	222	03.8077.14A1V	62	03.8115.14A1V	49
03.8028.05.DA	224	03.8043.14ADA	51	03.8053.14ACB	220	03.8073.14ACB	62	03.8077.14A1V	222	03.8115.14ACB	49
03.8028.14	224	03.8043.14ADA	219	03.8053.14ADA	52	03.8073.14ACB	222	03.8077.14ACB	62	03.8115.14ADA	49
03.8028.14.1V	224	03.8043.40A	51	03.8053.14ADA	220	03.8073.14.ADA	62	03.8077.14ACB	222	03.8115.40A	49
03.8028.14.CB	224	03.8043.40A	219	03.8053.40A	52	03.8073.14ADA	222	03.8077.14ADA	62	03.8115.40A1V	49
03.8028.14.DA											



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03.8117.40A	49	03.8138.00.1V	65	03.8156.05.CB	53	03.8312.14ANI	371	03.8354.14ADA	387	03.8378.14ACB	403
03.8117.40A1V	49	03.8138.00.CB	65	03.8156.05.CB	221	03.8312.40A	371	03.8354.14ANI	387	03.8378.14ANI	403
03.8117.40ACB	49	03.8138.00.DA	65	03.8156.05.DA	53	03.8312.40ACB	371	03.8354.40A	387	03.8378.14BDA	403
03.8117.40ADA	49	03.8138.FU	65	03.8156.05.DA	221	03.8312.40ADA	371	03.8354.40ACB	387	03.8378.40A	403
03.8120.14	46	03.8138.FU.1V	65	03.8156.14	53	03.8312.40ANI	371	03.8354.40ADA	387	03.8378.40ACB	403
03.8120.40	46	03.8138.FU.CB	65	03.8156.14	221	03.8313.14A	371	03.8354.40ANI	387	03.8378.40ANI	403
03.8121.14	46	03.8138.FU.DA	65	03.8156.14.1V	53	03.8313.14ACB	371	03.8355.14A	387	03.8378.40BDA	403
03.8121.40	46	03.8138.RC	65	03.8156.14.1V	221	03.8313.14ADA	371	03.8355.14ACB	387	03.8379.14A	403
03.8122.14	46	03.8138.RC.1V	65	03.8156.14.CB	53	03.8313.14ANI	371	03.8355.14ADA	387	03.8379.14ACB	403
03.8122.40	46	03.8138.RC.CB	65	03.8156.14.CB	221	03.8313.40A	371	03.8355.14ANI	387	03.8379.14ANI	403
03.8130.00	64	03.8138.RC.DA	65	03.8156.14.DA	53	03.8313.40ACB	371	03.8355.40A	387	03.8379.14BDA	403
03.8130.00.1V	64	03.8140.14A	66	03.8156.14.DA	221	03.8313.40ADA	371	03.8355.40ACB	387	03.8379.40A	403
03.8130.00.CB	64	03.8140.14A1V	66	03.8156.40	53	03.8313.40ANI	371	03.8355.40ADA	387	03.8379.40ACB	403
03.8130.00.DA	64	03.8140.14ACB	66	03.8156.40	221	03.8316.14A	379	03.8355.40ANI	387	03.8379.40ANI	403
03.8130.FU	64	03.8140.14ADA	66	03.8156.40.1V	53	03.8316.14ACB	379	03.8358.14A	391	03.8379.40BDA	403
03.8130.FU.1V	64	03.8140.40A	66	03.8156.40.1V	221	03.8316.14ADA	379	03.8358.14ACB	391	03.8400.14	73
03.8130.FU.CB	64	03.8140.40A1V	66	03.8156.40.CB	53	03.8316.14ANI	379	03.8358.14ADA	391	03.8400.40	73
03.8130.FU.DA	64	03.8140.40ACB	66	03.8156.40.CB	221	03.8316.40A	379	03.8358.14ANI	391	03.8401.14	73
03.8130.RC	64	03.8140.40ADA	66	03.8156.40.DA	53	03.8316.40ACB	379	03.8358.40A	391	03.8401.40	73
03.8130.RC.1V	64	03.8141.14A	66	03.8156.40.DA	221	03.8316.40ADA	379	03.8358.40ACB	391	03.8402.14	73
03.8130.RC.CB	64	03.8141.14A1V	66	03.8157.05	53	03.8316.40ANI	379	03.8358.40ADA	391	03.8402.40	73
03.8130.RC.DA	64	03.8141.14ACB	66	03.8157.05	221	03.8317.14A	379	03.8358.40ANI	391	03.8403.14	73
03.8131.00	64	03.8141.14ADA	66	03.8157.05.1V	53	03.8317.14ACB	379	03.8359.14A	391	03.8403.40	73
03.8131.00.1V	64	03.8141.40A	66	03.8157.05.1V	221	03.8317.14ADA	379	03.8359.14ACB	391	03.8404.14	73
03.8131.00.CB	64	03.8141.40A1V	66	03.8157.05.CB	53	03.8317.14ANI	379	03.8359.14ADA	391	03.8404.40	73
03.8131.00.DA	64	03.8141.40ACB	66	03.8157.05.CB	221	03.8317.40A	379	03.8359.14ANI	391	03.8405.14	73
03.8131.FU	64	03.8141.40ADA	66	03.8157.05.DA	53	03.8317.40ACB	379	03.8359.40A	391	03.8405.40	73
03.8131.FU.1V	64	03.8142.14A	66	03.8157.05.DA	221	03.8317.40ADA	379	03.8359.40ACB	391	03.8410.14	74
03.8131.FU.CB	64	03.8142.14A1V	66	03.8157.14	53	03.8317.40ANI	379	03.8359.40ADA	391	03.8410.40	74
03.8131.FU.DA	64	03.8142.14ACB	66	03.8157.14	221	03.8320.14A	379	03.8359.40ANI	391	03.8411.14	74
03.8131.RC	64	03.8142.14ADA	66	03.8157.14.1V	53	03.8320.14ACB	379	03.8362.14A	391	03.8411.40	74
03.8131.RC.1V	64	03.8142.40A	66	03.8157.14.1V	221	03.8320.14ADA	379	03.8362.14ACB	391	03.8412.14	74
03.8131.RC.CB	64	03.8142.40A1V	66	03.8157.14.CB	53	03.8320.14ANI	379	03.8362.14ADA	391	03.8412.40	74
03.8131.RC.DA	64	03.8142.40ACB	66	03.8157.14.CB	221	03.8320.40A	379	03.8362.14ANI	391	03.8413.14	74
03.8132.00	64	03.8142.40ADA	66	03.8157.14.DA	53	03.8320.40ACB	379	03.8362.40A	391	03.8413.40	74
03.8132.00.1V	64	03.8143.14A	66	03.8157.14.DA	221	03.8320.40ADA	379	03.8362.40ACB	391	03.8414.14	74
03.8132.00.CB	64	03.8143.14A1V	66	03.8157.40	53	03.8320.40ANI	379	03.8362.40ADA	391	03.8414.40	74
03.8132.00.DA	64	03.8143.14ACB	66	03.8157.40	221	03.8321.14A	379	03.8362.40ANI	391	03.8415.14	74
03.8132.FU	64	03.8143.14ADA	66	03.8157.40.1V	53	03.8321.14ACB	379	03.8363.14A	391	03.8415.40	74
03.8132.FU.1V	64	03.8143.40A	66	03.8157.40.1V	221	03.8321.14ADA	379	03.8363.14ACB	391	03.8420.14	76
03.8132.FU.CB	64	03.8143.40A1V	66	03.8157.40.CB	53	03.8321.14ANI	379	03.8363.14ADA	391	03.8420.40	76
03.8132.FU.DA	64	03.8143.40ACB	66	03.8157.40.CB	221	03.8321.40A	379	03.8363.14ANI	391	03.8421.14	76
03.8132.RC	64	03.8143.40ADA	66	03.8157.40.DA	53	03.8321.40ACB	379	03.8363.40A	391	03.8421.40	76
03.8132.RC.1V	64	03.8154.05	53	03.8157.40.DA	221	03.8321.40ANI	379	03.8363.40ACB	391	03.8422.14	76
03.8132.RC.CB	64	03.8154.05	221	03.8300.14A	367	03.8321.40ACB	379	03.8363.40ADA	391	03.8422.40	76
03.8132.RC.DA	64	03.8154.05.1V	53	03.8300.14ACB	367	03.8321.40A	383	03.8363.40ANI	391	03.8423.14	76
03.8133.00	64	03.8154.05.1V	221	03.8300.14ADA	367	03.8324.14ACB	383	03.8366.14A	399	03.8423.40	76
03.8133.00.1V	64	03.8154.05.CB	53	03.8300.14ANI	367	03.8324.14ANI	383	03.8366.14ACB	399	03.8424.14	76
03.8133.00.CB	64	03.8154.05.CB	221	03.8300.40A	367	03.8324.14BDA	383	03.8366.14ADA	399	03.8424.40	76
03.8133.00.DA	64	03.8154.05.DA	53	03.8300.40ACB	367	03.8324.40A	383	03.8366.14ANI	399	03.8425.14	76
03.8133.FU	64	03.8154.05.DA	221	03.8300.40ADA	367	03.8324.40ACB	383	03.8366.40A	399	03.8425.40	76
03.8133.FU.1V	64	03.8154.14	53	03.8300.40ANI	367	03.8324.40ANI	383	03.8366.40ACB	399	03.8430.14	71
03.8133.FU.CB	64	03.8154.14	221	03.8301.14A	367	03.8324.40BDA	383	03.8366.40ADA	399	03.8430.40	71
03.8133.FU.DA	64	03.8154.14.1V	53	03.8301.14ACB	367	03.8325.14A	383	03.8366.40ANI	399	03.8431.14	71
03.8133.RC	64	03.8154.14.1V	221	03.8301.14ADA	367	03.8325.14ACB	383	03.8367.14A	399	03.8431.40	71
03.8133.RC.1V	64	03.8154.14.CB	53	03.8301.14ANI	367	03.8325.14ANI	383	03.8367.14ACB	399	03.8432.14	71
03.8133.RC.CB	64	03.8154.14.CB	221	03.8301.40A	367	03.8325.14BDA	383	03.8367.14ADA	399	03.8432.40	71
03.8133.RC.DA	64	03.8154.14.DA	53	03.8301.40ACB	367	03.8325.40A	383	03.8367.14ANI	399	03.8440.14	74
03.8135.00	64	03.8154.14.DA	221	03.8301.40ADA	367	03.8325.40ACB	383	03.8367.40A	399	03.8440.40	74
03.8135.00.1V	64	03.8154.40	53	03.8301.40ANI	367	03.8325.40ANI	383	03.8367.40ACB	399	03.8441.14	75
03.8135.00.CB	64	03.8154.40	221	03.8304.14A	367	03.8325.40BDA	383	03.8367.40ADA	399	03.8441.40	75
03.8135.00.DA	64	03.8154.40.1V	53	03.8304.14ACB	367	03.8328.14A	383	03.8367.40ANI	399	03.8442.14	74
03.8135.FU	64	03.8154.40.1V	221	03.8304.14ADA	367	03.8328.14ACB	383	03.8370.14A	399	03.8442.40	74
03.8135.FU.1V	64	03.8154.40.CB	53	03.8304.14ANI	367	03.8328.14ANI	383	03.8370.14ACB	399	03.8443.14	75
03.8135.FU.CB	64	03.8154.40.CB	221	03.8304.40A	367	03.8328.14BDA	383	03.8370.14ADA	399	03.8443.40	75
03.8135.FU.DA	64	03.8154.40.DA	53	03.8304.40ACB	367	03.8328.40A	383	03.8370.14ANI	399	03.8450.14	75
03.8135.RC	64	03.8154.40.DA	221	03.8304.40ADA	367	03.8328.40ACB	383	03.8370.40A	399	03.8450.40	75
03.8135.RC.1V	64	03.8155.05	53	03.8304.40ANI	367	03.8328.40ANI	383	03.8370.40ACB	399	03.8451.14	75
03.8135.RC.CB	64	03.8155.05	221	03.8305.14A	367	03.8328.40BDA	383	03.8370.40ADA	399	03.8451.40	75
03.8135.RC.DA	64	03.8155.05.1V	53	03.8305.14ACB	367	03.8329.14A	383	03.8370.40ANI	399	03.8500.14.1V	37
03.8136.00	65	03.8155.05.1V	221	03.8305.14ADA	367	03.8329.14ACB	383	03.8371.14A	399	03.8500.14.CB	37
03.8136.00.1V	65	03.8155.05.CB	53	03.8305.14ANI	367	03.8329.14ANI	383	03.8371.14ACB	399	03.8500.14.DA	37
03.8136.00.CB	65	03.8155.05.CB	221	03.8305.40A	367	03.8329.14BDA	383	03.8371.14ADA	399	03.8500.18.1V	37
03.8136.00.DA	65	03.8155.05.DA	53	03.8305.40ACB	367	03.8329.40A	383	03.8371.14ANI	399	03.8500.18.CB	37
03.8136.FU	65	03.8155.05.DA	221	03.8305.40ADA	367	03.8329.40ACB	383	03.8371.40A	399	03.8500.18.DA	37
03.8136.FU.1V	65	03.8155.14	53	03.8305.40ANI	367	03.8329.40ANI	383	03.8371.40ACB	399	03.8500.18.1V	37
03.8136.FU.CB	65	03.8155.14	221	03.8308.14A	371	03.8329.40BDA	383	03.8371.40ADA	399	03.8500.GN.1V	37
03.8136.FU.DA	65	03.8155.14.1V	53	03.8308.14ACB	371	03.8330.14A	387	03.8371.40ANI	399	03.8500.GN.CB	37
03.8136.RC	65	03.8155.14.1V	221	03.8308.14ADA	371	03.8350.14ACB	387	03.8374.14A	403	03.8500.GN.DA	37
03.8136.RC.1V	65	03.8155.14.CB	53	03.8308.14ANI	371	03.8350.14ADA	387	03.8374.14ACB	403	03.8500.GO.1V	37
03.8136.RC.CB	65	03.8155.14.CB	221	03.8308.40A	371	03.8350.14ANI	387	03.8374.14ANI	403	03.8500.GO.CB	37
03.8136.RC.DA	65	03.8155.14.DA	53	03.8308.40ACB	371	03.8350.40A	387	03.8374.14BDA	403	03.8500.M5.1V	37
03.8137.00	64	03.8155.14.DA	221	03.8308.40ADA	371	03.8350.40ACB	387				

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03.8501.M5.1V	37	03.8604.EQA	451	03.8637.EQA	452	03.8828.14A	368	03.8849.40BDA	380	03.8873.40ADA	396
03.8501.M5.CB	37	03.8604.ERA	451	03.8637.ERA	452	03.8828.14ACB	368	03.8852.14A	384	03.8873.40ANI	396
03.8501.M5.DA	37	03.8604.ESA	451	03.8637.ESA	452	03.8828.14ADA	368	03.8852.14ACB	384	03.8876.14A	400
03.8505.14.1V	37	03.8605.14A	451	03.8640.14A	450	03.8828.14ANI	368	03.8852.14ADA	384	03.8876.14ACB	400
03.8505.14.CB	37	03.8605.40B	451	03.8640.40B	450	03.8828.40A	368	03.8852.14ANI	384	03.8876.14ANI	400
03.8505.14.DA	37	03.8605.EQA	451	03.8640.EQA	450	03.8828.40ACB	368	03.8852.40A	384	03.8876.14BDA	400
03.8505.18.1V	37	03.8605.ERA	451	03.8640.ERA	450	03.8828.40ADA	368	03.8852.40ACB	384	03.8876.40A	400
03.8505.18.CB	37	03.8605.ESA	451	03.8640.ESA	450	03.8828.40ANI	368	03.8852.40ADA	384	03.8876.40ACB	400
03.8505.18.DA	37	03.8606.14A	450	03.8641.14A	451	03.8829.14A	368	03.8852.40ANI	384	03.8876.40ANI	400
03.8505.GN.1V	37	03.8606.40A	450	03.8641.40B	451	03.8829.14ACB	368	03.8853.14A	384	03.8876.40BDA	400
03.8505.GN.CB	37	03.8606.EQA	450	03.8641.EQA	451	03.8829.14ADA	368	03.8853.14ACB	384	03.8877.14A	400
03.8505.GN.DA	37	03.8606.ERA	450	03.8641.ERA	451	03.8829.14ANI	368	03.8853.14ADA	384	03.8877.14ACB	400
03.8505.GO.1V	37	03.8606.ESA	450	03.8641.ESA	451	03.8829.40A	368	03.8853.14ANI	384	03.8877.14ANI	400
03.8505.GO.CB	37	03.8607.14A	451	03.8642.14A	451	03.8829.40ACB	368	03.8853.40A	384	03.8877.14BDA	400
03.8505.GO.DA	37	03.8607.40A	451	03.8642.40B	451	03.8829.40ADA	368	03.8853.40ACB	384	03.8877.40A	400
03.8505.M5.1V	37	03.8607.EQA	451	03.8642.EQA	451	03.8829.40ANI	368	03.8853.40ADA	384	03.8877.40ACB	400
03.8505.M5.CB	37	03.8607.ERA	451	03.8642.ERA	451	03.8832.14A	368	03.8853.40ANI	384	03.8877.40ANI	400
03.8505.M5.DA	37	03.8607.ESA	451	03.8642.ESA	451	03.8832.14ACB	368	03.8856.14A	384	03.8877.40BDA	400
03.8506.14.1V	37	03.8608.14A	451	03.8643.14A	450	03.8832.14ADA	368	03.8856.14ACB	384	03.8880.14A	400
03.8506.14.CB	37	03.8608.40A	451	03.8643.40B	450	03.8832.14ANI	368	03.8856.14ADA	384	03.8880.14ACB	400
03.8506.14.DA	37	03.8608.EQA	451	03.8643.EQA	450	03.8832.40A	368	03.8856.14ANI	384	03.8880.14ANI	400
03.8506.18.1V	37	03.8608.ERA	451	03.8643.ERA	450	03.8832.40ACB	368	03.8856.40A	384	03.8880.14BDA	400
03.8506.18.CB	37	03.8608.ESA	451	03.8643.ESA	450	03.8832.40ADA	368	03.8856.40ACB	384	03.8880.40A	400
03.8506.18.DA	37	03.8610.14A	450	03.8644.14A	451	03.8832.40ANI	368	03.8856.40ADA	384	03.8880.40ACB	400
03.8506.GN.1V	37	03.8610.40B	450	03.8644.40B	451	03.8833.14A	368	03.8856.40ANI	384	03.8880.40ANI	400
03.8506.GN.CB	37	03.8610.EQA	450	03.8644.EQA	451	03.8833.14ACB	368	03.8857.14A	384	03.8880.40BDA	400
03.8506.GN.DA	37	03.8610.ERA	450	03.8644.ERA	451	03.8833.14ADA	368	03.8857.14ACB	384	03.8881.14A	400
03.8506.GO.1V	37	03.8610.ESA	450	03.8644.ESA	451	03.8833.14ANI	368	03.8857.14ADA	384	03.8881.14ACB	400
03.8506.GO.CB	37	03.8611.14A	451	03.8645.14A	451	03.8833.40A	368	03.8857.14ANI	384	03.8881.14ANI	400
03.8506.GO.DA	37	03.8611.40B	451	03.8645.40B	451	03.8833.40ACB	368	03.8857.40A	384	03.8881.14BDA	400
03.8506.M5.1V	37	03.8611.EQA	451	03.8645.EQA	451	03.8833.40ADA	368	03.8857.40ACB	384	03.8881.40A	400
03.8506.M5.CB	37	03.8611.ERA	451	03.8645.ERA	451	03.8833.40ANI	368	03.8857.40ADA	384	03.8881.40ACB	400
03.8506.M5.DA	37	03.8611.ESA	451	03.8645.ESA	451	03.8836.14A	376	03.8857.40ANI	384	03.8881.40ANI	400
03.8510.14	38	03.8612.14A	451	03.8646.14A	452	03.8836.14ACB	376	03.8860.14A	388	03.8881.40BDA	400
03.8510.18	38	03.8612.40B	451	03.8646.40B	452	03.8836.14ADA	376	03.8860.14ACB	388	03.8884.14A	404
03.8510.GN	38	03.8612.EQA	451	03.8646.EQA	452	03.8836.14ANI	376	03.8860.14ADA	388	03.8884.14ACB	404
03.8510.GO	38	03.8612.ERA	451	03.8646.ERA	452	03.8836.40A	376	03.8860.14ANI	388	03.8884.14ADA	404
03.8510.M5	38	03.8612.ESA	451	03.8646.ESA	452	03.8836.40ACB	376	03.8860.40A	388	03.8884.14ANI	404
03.8511.14	38	03.8613.14A	450	03.8647.14A	452	03.8836.40ADA	376	03.8860.40ACB	388	03.8884.40A	404
03.8511.18	38	03.8613.40B	450	03.8647.40B	452	03.8836.40ANI	376	03.8860.40ADA	388	03.8884.40ACB	404
03.8511.GN	38	03.8613.EQA	450	03.8647.EQA	452	03.8837.14A	376	03.8860.40ANI	388	03.8884.40ADA	404
03.8511.GO	38	03.8613.ERA	450	03.8647.ERA	452	03.8837.14ACB	376	03.8861.14A	388	03.8884.40ANI	404
03.8511.M5	38	03.8613.ESA	450	03.8647.ESA	452	03.8837.14ADA	376	03.8861.14ACB	388	03.8885.14A	404
03.8512.14	38	03.8614.14A	451	03.8671.14A	450	03.8837.14ANI	376	03.8861.14ADA	388	03.8885.14ACB	404
03.8512.18	38	03.8614.40B	451	03.8671.40A	450	03.8837.40A	376	03.8861.14ANI	388	03.8885.14ADA	404
03.8512.GN	38	03.8614.EQA	451	03.8671.EQA	450	03.8837.40ACB	376	03.8861.40A	388	03.8885.14ANI	404
03.8512.GO	38	03.8614.ERA	451	03.8671.ERA	450	03.8837.40ADA	376	03.8861.40ACB	388	03.8885.40A	404
03.8512.M5	38	03.8614.ESA	451	03.8671.ESA	450	03.8837.40ANI	376	03.8861.40ADA	388	03.8885.40ACB	404
03.8513.14	38	03.8615.14A	451	03.8672.14A	451	03.8840.14A	376	03.8861.40ANI	388	03.8885.40ADA	404
03.8513.18	38	03.8615.40B	451	03.8672.40A	451	03.8840.14ACB	376	03.8864.14A	388	03.8885.40ANI	404
03.8513.GN	38	03.8615.EQA	451	03.8672.EQA	451	03.8840.14ADA	376	03.8864.14ACB	388	03.8888.14A	404
03.8513.GO	38	03.8615.ERA	451	03.8672.ERA	451	03.8840.14ANI	376	03.8864.14ADA	388	03.8888.14ACB	404
03.8513.M5	38	03.8615.ESA	451	03.8672.ESA	451	03.8840.40A	376	03.8864.14ANI	388	03.8888.14ADA	404
03.8514.14	38	03.8616.14A	450	03.8673.14A	451	03.8840.40ACB	376	03.8864.40A	388	03.8888.14ANI	404
03.8514.18	38	03.8616.40A	450	03.8673.40A	451	03.8840.40ADA	376	03.8864.40ACB	388	03.8888.40A	404
03.8514.GN	38	03.8616.EQA	450	03.8673.EQA	451	03.8840.40ANI	376	03.8864.40ADA	388	03.8888.40ACB	404
03.8514.GO	38	03.8616.ERA	450	03.8673.ERA	451	03.8841.14A	376	03.8864.40ANI	388	03.8888.40ADA	404
03.8514.M5	38	03.8616.ESA	450	03.8673.ESA	451	03.8841.14ACB	376	03.8865.14A	388	03.8888.40ANI	404
03.8520.14	38	03.8617.14A	451	03.8674.14A	452	03.8841.14ADA	376	03.8865.14ACB	388	03.8889.14A	404
03.8520.18	38	03.8617.40A	451	03.8674.40A	452	03.8841.14ANI	376	03.8865.14ADA	388	03.8889.14ACB	404
03.8520.GN	38	03.8617.EQA	451	03.8674.EQA	452	03.8841.40A	376	03.8865.14ANI	388	03.8889.14ADA	404
03.8520.GO	38	03.8617.ERA	451	03.8674.ERA	452	03.8841.40ACB	376	03.8865.40A	388	03.8889.14ANI	404
03.8520.M5	38	03.8617.ESA	451	03.8674.ESA	452	03.8841.40ADA	376	03.8865.40ACB	388	03.8889.40A	404
03.8521.14	38	03.8618.14A	451	03.8820.14A	364	03.8841.40ANI	376	03.8865.40ADA	388	03.8889.40ACB	404
03.8521.18	38	03.8618.40A	451	03.8820.14ACB	364	03.8844.14A	380	03.8865.40ANI	388	03.8889.40ADA	404
03.8521.GN	38	03.8618.EQA	451	03.8820.14ADA	364	03.8844.14ACB	380	03.8868.14A	396	03.8889.40ANI	404
03.8521.GO	38	03.8618.ERA	451	03.8820.14ANI	364	03.8844.14ANI	380	03.8868.14ACB	396	03.8892.14A	408
03.8521.M5	38	03.8618.ESA	451	03.8820.40A	364	03.8844.14BDA	380	03.8868.14ADA	396	03.8892.14ACB	408
03.8522.14	38	03.8630.14A	452	03.8820.40ACB	364	03.8844.40A	380	03.8868.14ANI	396	03.8892.14ADA	408
03.8522.18	38	03.8630.40B	452	03.8820.40ADA	364	03.8844.40ACB	380	03.8868.40A	396	03.8892.14ANI	408
03.8522.GN	38	03.8630.EQA	452	03.8820.40ANI	364	03.8844.40ANI	380	03.8868.40ACB	396	03.8892.40A	408
03.8522.GO	38	03.8630.ERA	452	03.8821.14A	364	03.8844.40BDA	380	03.8868.40ADA	396	03.8892.40ACB	408
03.8522.M5	38	03.8630.ESA	452	03.8821.14ACB	364	03.8845.14A	380	03.8868.40ANI	396	03.8892.40ADA	408
03.8600.14A	450	03.8631.14A	452	03.8821.14ADA	364	03.8845.14ACB	380	03.8869.14A	396	03.8892.40ANI	408
03.8600.40B	450	03.8631.40B	452	03.8821.14ANI	364	03.8845.14ANI	380	03.8869.14ACB	396	03.8893.14A	408
03.8600.EQA	450	03.8631.EQA	452	03.8821.40A	364	03.8845.14BDA	380	03.8869.14ADA	396	03.8893.14ACB	408
03.8600.ERA	450	03.8631.ERA	452	03.8821.40ACB	364	03.8845.40A	380	03.8869.14ANI	396	03.8893.14ADA	408
03.8600.ESA	450	03.8631.ESA	452	03.8821.40ADA	364	03.8845.40ACB	380	03.8869.40A	396	03.8893.14ANI	408
03.8601.14A	451	03.8633.14A	452	03.8821.40ANI	364	03.8845.40ANI	380	03.8869.40ACB	396	03.8893.40A	408
03.8601.40B	451	03.8633.40A	452	03.8824.14A	364	03.8845.40BDA	380	03.8869.40ADA	396	03.8893.40ACB	408
03.8601.EQA	451	03.8633.EQA	452	03.8824.14ACB	364	03.8848.14A	380	03.8869.40ANI	396	03.8893.40ADA	408
03.8601.ERA	451	03.8633.ERA	452	03.8824.14ADA	364	03.8848.14ACB	380	03.8872.14A	396	03.8893.40ANI	408
03.8601.ESA	451	03.8633.ESA	452	03.8824.14ANI	364	03.8848.14					

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03.8897.40ACB	408	03.8921.40A	420	03.8945.14BDA	432	03.9110.14ADA	365	03.9140.14ACB	377	03.9170.14A	381
03.8897.40ADA	408	03.8921.40ACB	420	03.8945.40A	432	03.9110.14ANI	365	03.9140.14ADA	377	03.9170.14ACB	381
03.8897.40ANI	408	03.8921.40ADA	420	03.8945.40ACB	432	03.9110.40A	365	03.9140.14ANI	377	03.9170.14ANI	381
03.8900.14A	412	03.8921.40ANI	420	03.8945.40ANI	432	03.9110.40ACB	365	03.9140.40A	377	03.9170.14BDA	381
03.8900.14ACB	412	03.8924.14A	424	03.8945.40BDA	432	03.9110.40ADA	365	03.9140.40ACB	377	03.9170.40A	381
03.8900.14ADA	412	03.8924.14ACB	424	03.8948.14A	192	03.9110.40ANI	365	03.9140.40ADA	377	03.9170.40ACB	381
03.8900.14ANI	412	03.8924.14ADA	424	03.8948.14ACB	192	03.9111.14A	365	03.9140.40ANI	377	03.9170.40ANI	381
03.8900.40A	412	03.8924.14ANI	424	03.8948.14BDA	192	03.9111.14ACB	365	03.9141.14A	377	03.9170.40BDA	381
03.8900.40ACB	412	03.8924.40A	424	03.8948.40A	192	03.9111.14ADA	365	03.9141.14ACB	377	03.9171.14A	381
03.8900.40ADA	412	03.8924.40ACB	424	03.8948.40ACB	192	03.9111.14ANI	365	03.9141.14ADA	377	03.9171.14ACB	381
03.8900.40ANI	412	03.8924.40ADA	424	03.8948.40BDA	192	03.9111.40A	365	03.9141.14ANI	377	03.9171.14ANI	381
03.8901.14A	412	03.8924.40ANI	424	03.8949.14A	192	03.9111.40ACB	365	03.9141.40A	377	03.9171.14BDA	381
03.8901.14ACB	412	03.8925.14A	424	03.8949.14ACB	192	03.9111.40ADA	365	03.9141.40ACB	377	03.9171.40A	381
03.8901.14ADA	412	03.8925.14ACB	424	03.8949.14BDA	192	03.9111.40ANI	365	03.9141.40ADA	377	03.9171.40ACB	381
03.8901.14ANI	412	03.8925.14ADA	424	03.8949.40A	192	03.9115.14A	366	03.9141.40ANI	377	03.9171.40ANI	381
03.8901.40A	412	03.8925.14ANI	424	03.8949.40ACB	192	03.9115.14ACB	366	03.9145.14A	378	03.9171.40BDA	381
03.8901.40ACB	412	03.8925.40A	424	03.8949.40BDA	192	03.9115.14ADA	366	03.9145.14ACB	378	03.9175.14A	382
03.8901.40ADA	412	03.8925.40ACB	424	03.8952.14A	192	03.9115.14ANI	366	03.9145.14ADA	378	03.9175.14ACB	382
03.8901.40ANI	412	03.8925.40ADA	424	03.8952.14ACB	192	03.9115.40A	366	03.9145.14ANI	378	03.9175.14ANI	382
03.8904.14A	412	03.8925.40ANI	424	03.8952.14BDA	192	03.9115.40ACB	366	03.9145.40A	378	03.9175.14BDA	382
03.8904.14ACB	412	03.8928.14A	424	03.8952.40A	192	03.9115.40ADA	366	03.9145.40ACB	378	03.9175.40A	382
03.8904.14ADA	412	03.8928.14ACB	424	03.8952.40ACB	192	03.9115.40ANI	366	03.9145.40ADA	378	03.9175.40ACB	382
03.8904.14ANI	412	03.8928.14ADA	424	03.8952.40BDA	192	03.9116.14A	366	03.9145.40ANI	378	03.9175.40ANI	382
03.8904.40A	412	03.8928.14ANI	424	03.8953.14A	192	03.9116.14ACB	366	03.9146.14A	378	03.9175.40BDA	382
03.8904.40ACB	412	03.8928.40A	424	03.8953.14ACB	192	03.9116.14ADA	366	03.9146.14ACB	378	03.9176.14A	382
03.8904.40ADA	412	03.8928.40ACB	424	03.8953.14BDA	192	03.9116.14ANI	366	03.9146.14ADA	378	03.9176.14ACB	382
03.8904.40ANI	412	03.8928.40ADA	424	03.8953.40A	192	03.9116.40A	366	03.9146.14ANI	378	03.9176.14ANI	382
03.8905.14A	412	03.8928.40ANI	424	03.8953.40ACB	192	03.9116.40ACB	366	03.9146.40A	378	03.9176.14BDA	382
03.8905.14ACB	412	03.8929.14A	424	03.8953.40BDA	192	03.9116.40ADA	366	03.9146.40ACB	378	03.9176.40A	382
03.8905.14ADA	412	03.8929.14ACB	424	03.8956.14A	438	03.9116.40ANI	366	03.9146.40ADA	378	03.9176.40ACB	382
03.8905.14ANI	412	03.8929.14ADA	424	03.8956.14ADA	438	03.9120.14A	369	03.9146.40ANI	378	03.9176.40ANI	382
03.8905.40A	412	03.8929.14ANI	424	03.8956.40A	438	03.9120.14ACB	369	03.9150.14A	377	03.9176.40BDA	382
03.8905.40ACB	412	03.8929.40A	424	03.8956.40ADA	438	03.9120.14ADA	369	03.9150.14ACB	377	03.9200.14A	385
03.8905.40ADA	412	03.8929.40ACB	424	03.8957.14A	438	03.9120.14ANI	369	03.9150.14ADA	377	03.9200.14ACB	385
03.8905.40ANI	412	03.8929.40ADA	424	03.8957.14ADA	438	03.9120.40A	369	03.9150.14ANI	377	03.9200.14ADA	385
03.8908.14A	416	03.8929.40ANI	424	03.8957.40A	438	03.9120.40ACB	369	03.9150.40A	377	03.9200.14ANI	385
03.8908.14ACB	416	03.8932.14A	428	03.8957.40ADA	438	03.9120.40ADA	369	03.9150.40ACB	377	03.9200.40A	385
03.8908.14ANI	416	03.8932.14ACB	428	03.8960.14A	438	03.9120.40ANI	369	03.9150.40ADA	377	03.9200.40ACB	385
03.8908.14BDA	416	03.8932.14ADA	428	03.8960.14ADA	438	03.9121.14A	369	03.9150.40ANI	377	03.9200.40ADA	385
03.8908.40A	416	03.8932.14ANI	428	03.8960.40A	438	03.9121.14ACB	369	03.9151.14A	377	03.9200.40ANI	385
03.8908.40ACB	416	03.8932.40A	428	03.8960.40ADA	438	03.9121.14ADA	369	03.9151.14ACB	377	03.9201.14A	385
03.8908.40ANI	416	03.8932.40ACB	428	03.8961.14A	438	03.9121.14ANI	369	03.9151.14ADA	377	03.9201.14ACB	385
03.8908.40BDA	416	03.8932.40ADA	428	03.8961.14ADA	438	03.9121.40A	369	03.9151.14ANI	377	03.9201.14ADA	385
03.8909.14A	416	03.8932.40ANI	428	03.8961.40A	438	03.9121.40ACB	369	03.9151.40A	377	03.9201.14ANI	385
03.8909.14ACB	416	03.8933.14A	428	03.8961.40ADA	438	03.9121.40ADA	369	03.9151.40ACB	377	03.9201.40A	385
03.8909.14ANI	416	03.8933.14ACB	428	03.8964.14A	438	03.9121.40ANI	369	03.9151.40ADA	377	03.9201.40ACB	385
03.8909.14BDA	416	03.8933.14ADA	428	03.8964.14ADA	438	03.9125.14A	370	03.9151.40ANI	377	03.9201.40ADA	385
03.8909.40A	416	03.8933.14ANI	428	03.8964.40A	438	03.9125.14ACB	370	03.9155.14A	378	03.9201.40ANI	385
03.8909.40ACB	416	03.8933.40A	428	03.8964.40ADA	438	03.9125.14ADA	370	03.9155.14ACB	378	03.9205.14A	386
03.8909.40ANI	416	03.8933.40ACB	428	03.8965.14A	438	03.9125.14ANI	370	03.9155.14ADA	378	03.9205.14ACB	386
03.8909.40BDA	416	03.8933.40ADA	428	03.8965.14ADA	438	03.9125.40A	370	03.9155.14ANI	378	03.9205.14ADA	386
03.8912.14A	416	03.8933.40ANI	428	03.8965.40A	438	03.9125.40ACB	370	03.9155.40A	378	03.9205.14ANI	386
03.8912.14ACB	416	03.8936.14A	428	03.8965.40ADA	438	03.9125.40ADA	370	03.9155.40ACB	378	03.9205.40A	386
03.8912.14ANI	416	03.8936.14ACB	428	03.8968.14A	438	03.9125.40ANI	370	03.9155.40ADA	378	03.9205.40ACB	386
03.8912.14BDA	416	03.8936.14ADA	428	03.8968.14ADA	438	03.9126.14A	370	03.9155.40ANI	378	03.9205.40ADA	386
03.8912.40A	416	03.8936.14ANI	428	03.8968.40A	438	03.9126.14ACB	370	03.9156.14A	378	03.9205.40ANI	386
03.8912.40ACB	416	03.8936.40A	428	03.8968.40ADA	438	03.9126.14ADA	370	03.9156.14ACB	378	03.9206.14A	386
03.8912.40ANI	416	03.8936.40ACB	428	03.8969.14A	438	03.9126.14ANI	370	03.9156.14ADA	378	03.9206.14ACB	386
03.8912.40BDA	416	03.8936.40ADA	428	03.8969.14ADA	438	03.9126.40A	370	03.9156.14ANI	378	03.9206.14ADA	386
03.8913.14A	416	03.8936.40ANI	428	03.8969.40A	438	03.9126.40ACB	370	03.9156.40A	378	03.9206.14ANI	386
03.8913.14ACB	416	03.8937.14A	428	03.8969.40ADA	438	03.9126.40ADA	370	03.9156.40ACB	378	03.9206.40A	386
03.8913.14ANI	416	03.8937.14ACB	428	03.9100.14A	365	03.9126.40ANI	370	03.9156.40ADA	378	03.9206.40ACB	386
03.8913.14BDA	416	03.8937.14ADA	428	03.9100.14ACB	365	03.9130.14A	369	03.9156.40ANI	378	03.9206.40ADA	386
03.8913.40A	416	03.8937.14ANI	428	03.9100.14ADA	365	03.9130.14ACB	369	03.9160.14A	381	03.9206.40ANI	386
03.8913.40ACB	416	03.8937.40A	428	03.9100.14ANI	365	03.9130.14ADA	369	03.9160.14ACB	381	03.9210.14A	385
03.8913.40ANI	416	03.8937.40ACB	428	03.9100.40A	365	03.9130.14ANI	369	03.9160.14ANI	381	03.9210.14ACB	385
03.8913.40BDA	416	03.8937.40ADA	428	03.9100.40ACB	365	03.9130.40A	369	03.9160.14BDA	381	03.9210.14ADA	385
03.8916.14A	420	03.8937.40ANI	428	03.9100.40ADA	365	03.9130.40ACB	369	03.9160.40A	381	03.9210.14ANI	385
03.8916.14ACB	420	03.8940.14A	432	03.9100.40ANI	365	03.9130.40ADA	369	03.9160.40ACB	381	03.9210.40A	385
03.8916.14ADA	420	03.8940.14ACB	432	03.9101.14A	365	03.9130.40ANI	369	03.9160.40ANI	381	03.9210.40ACB	385
03.8916.14ANI	420	03.8940.14ANI	432	03.9101.14ACB	365	03.9131.14A	369	03.9160.40BDA	381	03.9210.40ADA	385
03.8916.40A	420	03.8940.14BDA	432	03.9101.14ADA	365	03.9131.14ACB	369	03.9161.14A	381	03.9210.40ANI	385
03.8916.40ACB	420	03.8940.40A	432	03.9101.14ANI	365	03.9131.14ADA	369	03.9161.14ACB	381	03.9211.14A	385
03.8916.40ADA	420	03.8940.40ACB	432	03.9101.40A	365	03.9131.14ANI	369	03.9161.14ANI	381	03.9211.14ACB	385
03.8916.40ANI	420	03.8940.40ANI	432	03.9101.40ACB	365	03.9131.40A	369	03.9161.14BDA	381	03.9211.14ADA	385
03.8917.14A	420	03.8940.40BDA	432	03.9101.40ADA	365	03.9131.40ACB	369	03.9161.40A	381	03.9211.14ANI	385
03.8917.14ACB	420	03.8941.14A	432	03.9101.40ANI	365	03.9131.40ADA	369	03.9161.40ACB	381	03.9211.40A	385
03.8917.14ADA	420	03.8941.14ACB	432	03.9105.14A	366	03.9131.40ANI	369	03.9161.40ANI	381	03.9211.40ACB	385
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03.9441.14A	429	03.9470.40BDA	433	03.9626.14BDA	194	03.9764.40ADA	441	03.9903.14ANI	436	03.9943.ER	478
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03.9441.14ANI	429	03.9471.14ANI	433	03.9626.40BDA	194	03.9765.40A	441	03.9903.40ADA	436	03.9950.40A	470
03.9441.40A	429	03.9471.14BDA	433	03.9630.14A	193	03.9765.40ADA	441	03.9903.40ANI	436	03.9950.EQ	470
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03.9441.40ADA	429	03.9471.40ACB	433	03.9630.14BDA	193	03.9820.14ADA	439	03.9904.14ACB	196	03.9950.ES	470
03.9441.40ANI	429	03.9471.40ANI	433	03.9630.40A	193	03.9820.40A	439	03.9904.14ADA	196	03.9951.14	470
03.9445.14A	430	03.9471.40BDA	433	03.9630.40ACB	193	03.9820.40ADA	439	03.9904.40A	196	03.9951.40A	470
03.9445.14ACB	430	03.9475.14A	434	03.9630.40BDA	193	03.9821.14A	439	03.9904.40ACB	196	03.9951.EQ	470
03.9445.14ADA	430	03.9475.14ACB	434	03.9631.14A	193	03.9821.14ADA	439	03.9904.40BDA	196	03.9951.ER	470
03.9445.14ANI	430	03.9475.14ANI	434	03.9631.14ACB	193	03.9821.40A	439	03.9905.14A	196	03.9951.ES	470
03.9445.40A	430	03.9475.14BDA	434	03.9631.14BDA	193	03.9821.40ADA	439	03.9905.14ACB	196	03.9952.14	470
03.9445.40ACB	430	03.9475.40A	434	03.9631.40A	193	03.9825.14A	440	03.9905.14BDA	196	03.9952.40A	470
03.9445.40ADA	430	03.9475.40ACB	434	03.9631.40ACB	193	03.9825.14ADA	440	03.9905.40A	196	03.9952.EQ	470
03.9445.40ANI	430	03.9475.40ANI	434	03.9631.40BDA	193	03.9825.40A	440	03.9905.40ACB	196	03.9952.ER	470
03.9446.14A	430	03.9475.40BDA	434	03.9635.14A	194	03.9825.40ADA	440	03.9905.40BDA	196	03.9952.ES	470
03.9446.14ACB	430	03.9476.14A	434	03.9635.14ACB	194	03.9826.14A	440	03.9910.14	470	03.9953.14	470
03.9446.14ADA	430	03.9476.14ACB	434	03.9635.14BDA	194	03.9826.14ADA	440	03.9910.40A	470	03.9953.40A	470
03.9446.14ANI	430	03.9476.14ANI	434	03.9635.40A	194	03.9826.40A	440	03.9910.EQ	470	03.9953.EQ	470
03.9446.40A	430	03.9476.14BDA	434	03.9635.40ACB	194	03.9826.40ADA	440	03.9910.ER	470	03.9953.ER	470
03.9446.40ACB	430	03.9476.40A	434	03.9635.40BDA	194	03.9830.14A	439	03.9910.ES	470	03.9953.ES	470
03.9446.40ADA	430	03.9476.40ACB	434	03.9636.14A	194	03.9830.14ADA	439	03.9911.14	470	03.9954.14	470
03.9446.40ANI	430	03.9476.40ANI	434	03.9636.14ACB	194	03.9830.40A	439	03.9911.40A	470	03.9954.40A	470
03.9450.14A	429	03.9476.40BDA	434	03.9636.14BDA	194	03.9830.40ADA	439	03.9911.EQ	470	03.9954.EQ	470
03.9450.14ACB	429	03.9500.02	704	03.9636.40A	194	03.9831.14A	439	03.9911.ER	470	03.9954.ER	470
03.9450.14ADA	429	03.9500.14	704	03.9636.40ACB	194	03.9831.14ADA	439	03.9911.ES	470	03.9954.ES	470
03.9450.14ANI	429	03.9500.40	704	03.9636.40BDA	194	03.9831.40A	439	03.9912.14	470	03.9955.14	470
03.9450.40A	429	03.9500.ET	704	03.9660.14A	195	03.9831.40ADA	439	03.9912.40A	470	03.9955.40A	470
03.9450.40ACB	429	03.9500.EU	704	03.9660.14ACB	195	03.9835.14A	440	03.9912.EQ	470	03.9955.EQ	470
03.9450.40ADA	429	03.9501.02	704	03.9660.14BDA	195	03.9835.14ADA	440	03.9912.ER	470	03.9955.ER	470
03.9450.40ANI	429	03.9501.14	704	03.9660.40A	195	03.9835.40A	440	03.9912.ES	470	03.9955.ES	470
03.9451.14A	429	03.9501.40	704	03.9660.40ACB	195	03.9835.40ADA	440	03.9913.14	470	03.9956.14	470
03.9451.14ACB	429	03.9501.ET	704	03.9660.40BDA	195	03.9836.14A	440	03.9913.40A	470	03.9956.40A	470
03.9451.14ADA	429	03.9501.EU	704	03.9661.14A	195	03.9836.14ADA	440	03.9913.EQ	470	03.9956.EQ	470
03.9451.14ANI	429	03.9502.02	704	03.9661.14ACB	195	03.9836.40A	440	03.9913.ER	470	03.9956.ER	470
03.9451.40A	429	03.9502.14	704	03.9661.14BDA	195	03.9836.40ADA	440	03.9913.ES	470	03.9956.ES	470
03.9451.40ACB	429	03.9502.40	704	03.9661.40A	195	03.9860.14A	441	03.9920.14	476	03.9957.14	470
03.9451.40ADA	429	03.9502.ET	704	03.9661.40ACB	195	03.9860.14ADA	441	03.9920.40A	476	03.9957.40A	470
03.9451.40ANI	429	03.9502.EU	704	03.9661.40BDA	195	03.9860.40A	441	03.9920.EQ	476	03.9957.EQ	470
03.9455.14A	430	03.9503.02	704	03.9664.14A	195	03.9860.40ADA	441	03.9920.ER	476	03.9957.ER	470
03.9455.14ACB	430	03.9503.14	704	03.9664.14ACB	195	03.9861.14A	441	03.9920.ES	476	03.9957.ES	470
03.9455.14ADA	430	03.9503.40	704	03.9664.14BDA	195	03.9861.14ADA	441	03.9921.14	476	03.9960.14	476
03.9455.14ANI	430	03.9503.ET	704	03.9664.40A	195	03.9861.40A	441	03.9921.40A	476	03.9960.40A	476
03.9455.40A	430	03.9503.EU	704	03.9664.40ACB	195	03.9861.40ADA	441	03.9921.EQ	476	03.9960.EQ	476
03.9455.40ACB	430	03.9510.02	704	03.9664.40BDA	195	03.9864.14A	441	03.9921.ER	476	03.9960.ER	476
03.9455.40ADA	430	03.9510.14	704	03.9665.14A	195	03.9864.14ADA	441	03.9921.ES	476	03.9960.ES	476
03.9455.40ANI	430	03.9510.40	704	03.9665.14ACB	195	03.9864.40A	441	03.9922.14	476	03.9961.14	476
03.9456.14A	430	03.9510.ET	704	03.9665.14BDA	195	03.9864.40ADA	441	03.9922.40A	476	03.9961.40A	476
03.9456.14ACB	430	03.9510.EU	704	03.9665.40A	195	03.9865.14A	441	03.9922.EQ	476	03.9961.EQ	476
03.9456.14ADA	430	03.9511.02	704	03.9665.40ACB	195	03.9865.14ADA	441	03.9922.ER	476	03.9961.ER	476
03.9456.14ANI	430	03.9511.14	704	03.9665.40BDA	195	03.9865.40A	441	03.9922.ES	476	03.9961.ES	476
03.9456.40A	430	03.9511.40	704	03.9720.14A	439	03.9865.40ADA	441	03.9923.14	477	03.9962.14	476
03.9456.40ACB	430	03.9511.ET	704	03.9720.14ADA	439	03.9890.14	479	03.9923.40A	477	03.9962.40A	476
03.9456.40ADA	430	03.9511.EU	704	03.9720.40A	439	03.9890.40	479	03.9923.EQ	477	03.9962.EQ	476
03.9456.40ANI	430	03.9560.02	705	03.9720.40ADA	439	03.9890.EQ	479	03.9923.ER	477	03.9962.ER	476
03.9460.14A	433	03.9560.14	705	03.9721.14A	439	03.9890.ER	479	03.9923.ES	477	03.9962.ES	476
03.9460.14ACB	433	03.9560.40	705	03.9721.14ADA	439	03.9890.ES	479	03.9924.14	476	03.9963.14	477
03.9460.14ANI	433	03.9560.ET	705	03.9721.40A	439	03.9891.14	479	03.9924.40A	476	03.9963.40A	477
03.9460.14BDA	433	03.9560.EU	705	03.9721.40ADA	439	03.9891.40	479	03.9924.EQ	476	03.9963.EQ	477
03.9460.40A	433	03.9561.02	705	03.9725.14A	440	03.9891.EQ	479	03.9924.ER	476	03.9963.ER	477
03.9460.40ACB	433	03.9561.14	705	03.9725.14ADA	440	03.9891.ER	479	03.9924.ES	476	03.9963.ES	477
03.9460.40ANI	433	03.9561.40	705	03.9725.40A	440	03.9891.ES	479	03.9931.14A	471	03.9964.14	476
03.9460.40BDA	433	03.9561.ET	705	03.9725.40ADA	440	03.9892.14	479	03.9931.40B	471	03.9964.40A	476
03.9461.14A	433	03.9561.EU	705	03.9726.14A	440	03.9892.40	479	03.9931.EQA	471	03.9964.EQ	476
03.9461.14ACB	433	03.9570.02	705	03.9726.14ADA	440	03.9892.EQ	479	03.9931.ERA	471	03.9964.ER	476
03.9461.14ANI	433	03.9570.14	705	03.9726.40A	440	03.9892.ER	479	03.9931.ESA	471	03.9964.ES	476
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03.9967.EQ	477	05.0601.40	372	05.0613.14.NI	373	05.0625.14.DA	374	05.0637.14.CB	375	05.0649.14	392
03.9967.ER	477	05.0601.40.CB	372	05.0613.40	373	05.0625.14.NI	374	05.0637.14.DA	375	05.0649.14.CB	392
03.9967.ES	477	05.0601.40.DA	372	05.0613.40.CB	373	05.0625.40	374	05.0637.14.NI	375	05.0649.14.DA	392
03.9968.14	476	05.0601.40.NI	372	05.0613.40.DA	373	05.0625.40.CB	374	05.0637.40	375	05.0649.14.NI	392
03.9968.40A	476	05.0602.14	372	05.0613.40.NI	373	05.0625.40.DA	374	05.0637.40.CB	375	05.0649.40	392
03.9968.EQ	476	05.0602.14.CB	372	05.0614.14	373	05.0625.40.NI	374	05.0637.40.DA	375	05.0649.40.CB	392
03.9968.ER	476	05.0602.14.DA	372	05.0614.14.CB	373	05.0626.14	374	05.0637.40.NI	375	05.0649.40.DA	392
03.9968.ES	476	05.0602.14.NI	372	05.0614.14.DA	373	05.0626.14.CB	374	05.0638.14	375	05.0649.40.NI	392
03.9969.14	476	05.0602.40	372	05.0614.14.NI	373	05.0626.14.DA	374	05.0638.14.CB	375	05.0650.14	393
03.9969.40A	476	05.0602.40.CB	372	05.0614.40	373	05.0626.14.NI	374	05.0638.14.DA	375	05.0650.14.CB	393
03.9969.EQ	476	05.0602.40.DA	372	05.0614.40.CB	373	05.0626.40	374	05.0638.14.NI	375	05.0650.14.DA	393
03.9969.ER	476	05.0602.40.NI	372	05.0614.40.DA	373	05.0626.40.CB	374	05.0638.40	375	05.0650.14.NI	393
03.9969.ES	476	05.0603.14	372	05.0614.40.NI	373	05.0626.40.DA	374	05.0638.40.CB	375	05.0650.40	393
03.9971.14A	471	05.0603.14.CB	372	05.0615.14	373	05.0626.40.NI	374	05.0638.40.DA	375	05.0650.40.CB	393
03.9971.40B	471	05.0603.14.DA	372	05.0615.14.CB	373	05.0627.14	374	05.0638.40.NI	375	05.0650.40.DA	393
03.9971.EQA	471	05.0603.14.NI	372	05.0615.14.DA	373	05.0627.14.CB	374	05.0639.14	375	05.0650.40.NI	393
03.9971.ERA	471	05.0603.40	372	05.0615.14.NI	373	05.0627.14.DA	374	05.0639.14.CB	375	05.0651.14	393
03.9971.ESA	471	05.0603.40.CB	372	05.0615.40	373	05.0627.14.NI	374	05.0639.14.DA	375	05.0651.14.CB	393
03.9972.14A	471	05.0603.40.DA	372	05.0615.40.CB	373	05.0627.40	374	05.0639.14.NI	375	05.0651.14.DA	393
03.9972.40B	471	05.0603.40.NI	372	05.0615.40.DA	373	05.0627.40.CB	374	05.0639.40	375	05.0651.14.NI	393
03.9972.EQA	471	05.0604.14	372	05.0615.40.NI	373	05.0627.40.DA	374	05.0639.40.CB	375	05.0651.40	393
03.9972.ERA	471	05.0604.14.CB	372	05.0616.14	373	05.0627.40.NI	374	05.0639.40.DA	375	05.0651.40.CB	393
03.9972.ESA	471	05.0604.14.DA	372	05.0616.14.CB	373	05.0628.14	374	05.0639.40.NI	375	05.0651.40.DA	393
03.9973.14A	471	05.0604.14.NI	372	05.0616.14.DA	373	05.0628.14.CB	374	05.0640.14	392	05.0651.40.NI	393
03.9973.40B	471	05.0604.40	372	05.0616.14.NI	373	05.0628.14.DA	374	05.0640.14.CB	392	05.0652.14	393
03.9973.EQA	471	05.0604.40.CB	372	05.0616.40	373	05.0628.14.NI	374	05.0640.14.DA	392	05.0652.14.CB	393
03.9973.ERA	471	05.0604.40.DA	372	05.0616.40.CB	373	05.0628.40	374	05.0640.14.NI	392	05.0652.14.DA	393
03.9973.ESA	471	05.0604.40.NI	372	05.0616.40.DA	373	05.0628.40.CB	374	05.0640.40	392	05.0652.14.NI	393
03.9976.14A	471	05.0605.14	372	05.0616.40.NI	373	05.0628.40.DA	374	05.0640.40.CB	392	05.0652.40	393
03.9976.40B	471	05.0605.14.CB	372	05.0617.14	373	05.0628.40.NI	374	05.0640.40.DA	392	05.0652.40.CB	393
03.9976.EQA	471	05.0605.14.DA	372	05.0617.14.CB	373	05.0629.14	374	05.0640.40.NI	392	05.0652.40.DA	393
03.9976.ERA	471	05.0605.14.NI	372	05.0617.14.DA	373	05.0629.14.CB	374	05.0641.14	392	05.0652.40.NI	393
03.9976.ESA	471	05.0605.40	372	05.0617.14.NI	373	05.0629.14.DA	374	05.0641.14.CB	392	05.0653.14	393
03.9977.14A	471	05.0605.40.CB	372	05.0617.40	373	05.0629.14.NI	374	05.0641.14.DA	392	05.0653.14.CB	393
03.9977.40B	471	05.0605.40.DA	372	05.0617.40.CB	373	05.0629.40	374	05.0641.14.NI	392	05.0653.14.DA	393
03.9977.EQA	471	05.0605.40.NI	372	05.0617.40.DA	373	05.0629.40.CB	374	05.0641.40	392	05.0653.14.NI	393
03.9977.ERA	471	05.0606.14	372	05.0617.40.NI	373	05.0629.40.DA	374	05.0641.40.CB	392	05.0653.40	393
03.9977.ESA	471	05.0606.14.CB	372	05.0618.14	373	05.0629.40.NI	374	05.0641.40.DA	392	05.0653.40.CB	393
03.9978.14A	471	05.0606.14.DA	372	05.0618.14.CB	373	05.0630.14	375	05.0641.40.NI	392	05.0653.40.DA	393
03.9978.40B	471	05.0606.14.NI	372	05.0618.14.DA	373	05.0630.14.CB	375	05.0642.14	392	05.0653.40.NI	393
03.9978.EQA	471	05.0606.40	372	05.0618.14.NI	373	05.0630.14.DA	375	05.0642.14.CB	392	05.0654.14	393
03.9978.ERA	471	05.0606.40.CB	372	05.0618.40	373	05.0630.14.NI	375	05.0642.14.DA	392	05.0654.14.CB	393
03.9978.ESA	471	05.0606.40.DA	372	05.0618.40.CB	373	05.0630.40	375	05.0642.14.NI	392	05.0654.14.DA	393
03.9980.14	478	05.0606.40.NI	372	05.0618.40.DA	373	05.0630.40.CB	375	05.0642.40	392	05.0654.14.NI	393
03.9980.40A	478	05.0607.14	372	05.0618.40.NI	373	05.0630.40.DA	375	05.0642.40.CB	392	05.0654.40	393
03.9980.EQ	478	05.0607.14.CB	372	05.0619.14	373	05.0630.40.NI	375	05.0642.40.DA	392	05.0654.40.CB	393
03.9980.ER	478	05.0607.14.DA	372	05.0619.14.CB	373	05.0631.14	375	05.0642.40.NI	392	05.0654.40.DA	393
03.9980.ES	478	05.0607.14.NI	372	05.0619.14.DA	373	05.0631.14.CB	375	05.0643.14	392	05.0654.40.NI	393
03.9981.14	478	05.0607.40	372	05.0619.14.NI	373	05.0631.14.DA	375	05.0643.14.CB	392	05.0655.14	393
03.9981.40A	478	05.0607.40.CB	372	05.0619.40	373	05.0631.14.NI	375	05.0643.14.DA	392	05.0655.14.CB	393
03.9981.EQ	478	05.0607.40.DA	372	05.0619.40.CB	373	05.0631.40	375	05.0643.14.NI	392	05.0655.14.DA	393
03.9981.ER	478	05.0607.40.NI	372	05.0619.40.DA	373	05.0631.40.CB	375	05.0643.40	392	05.0655.14.NI	393
03.9981.ES	478	05.0608.14	372	05.0619.40.NI	373	05.0631.40.DA	375	05.0643.40.CB	392	05.0655.40	393
03.9982.14	478	05.0608.14.CB	372	05.0620.14	374	05.0631.40.NI	375	05.0643.40.DA	392	05.0655.40.CB	393
03.9982.40A	478	05.0608.14.DA	372	05.0620.14.CB	374	05.0632.14	375	05.0643.40.NI	392	05.0655.40.DA	393
03.9982.EQ	478	05.0608.14.NI	372	05.0620.14.DA	374	05.0632.14.CB	375	05.0644.14	392	05.0655.40.NI	393
03.9982.ER	478	05.0608.40	372	05.0620.14.NI	374	05.0632.14.DA	375	05.0644.14.CB	392	05.0656.14	393
03.9982.ES	478	05.0608.40.CB	372	05.0620.40	374	05.0632.14.NI	375	05.0644.14.DA	392	05.0656.14.CB	393
03.9983.14	478	05.0608.40.DA	372	05.0620.40.CB	374	05.0632.40	375	05.0644.14.NI	392	05.0656.14.DA	393
03.9983.40A	478	05.0608.40.NI	372	05.0620.40.DA	374	05.0632.40.CB	375	05.0644.40	392	05.0656.14.NI	393
03.9983.EQ	478	05.0609.14	372	05.0620.40.NI	374	05.0632.40.DA	375	05.0644.40.CB	392	05.0656.40	393
03.9983.ER	478	05.0609.14.CB	372	05.0621.14	374	05.0632.40.NI	375	05.0644.40.DA	392	05.0656.40.CB	393
03.9983.ES	478	05.0609.14.DA	372	05.0621.14.CB	374	05.0633.14	375	05.0644.40.NI	392	05.0656.40.DA	393
03.9985.14	478	05.0609.14.NI	372	05.0621.14.DA	374	05.0633.14.CB	375	05.0645.14	392	05.0656.40.NI	393
03.9985.40A	478	05.0609.40	372	05.0621.14.NI	374	05.0633.14.DA	375	05.0645.14.CB	392	05.0657.14	393
03.9985.EQ	478	05.0609.40.CB	372	05.0621.40	374	05.0633.14.NI	375	05.0645.14.DA	392	05.0657.14.CB	393
03.9985.ER	478	05.0609.40.DA	372	05.0621.40.CB	374	05.0633.40	375	05.0645.14.NI	392	05.0657.14.DA	393
03.9985.ES	478	05.0609.40.NI	372	05.0621.40.DA	374	05.0633.40.CB	375	05.0645.40	392	05.0657.14.NI	393
03.9986.14	478	05.0610.14	373	05.0621.40.NI	374	05.0633.40.DA	375	05.0645.40.CB	392	05.0657.40	393
03.9986.40A	478	05.0610.14.CB	373	05.0622.14	374	05.0633.40.NI	375	05.0645.40.DA	392	05.0657.40.CB	393
03.9986.EQ	478	05.0610.14.DA	373	05.0622.14.CB	374	05.0634.14	375	05.0645.40.NI	392	05.0657.40.DA	393
03.9986.ER	478	05.0610.14.NI	373	05.0622.14.DA	374	05.0634.14.CB	375	05.0646.14	392	05.0657.40.NI	393
03.9986.ES	478	05.0610.40	373	05.0622.14.NI	374	05.0634.14.DA	375	05.0646.14.CB	392	05.0658.14	393
03.9987.14	478	05.0610.40.CB	373	05.0622.40	374	05.0634.14.NI	375	05.0646.14.DA	392	05.0658.14.CB	393
03.9987.40A	478	05.0610.40.DA	373	05.0622.40.CB	374	05.0634.40	375	05.0646.14.NI	392	05.0658.14.DA	393
03.9987.EQ	478	05.0610.40.NI	373	05.0622.40.DA	374	05.0634.40.CB	375	05.0646.40	392	05.0658.14.NI	393
03.9987.ER	478	05.0611.14	373	05.0622.40.NI	374	05.0634.40.DA	375	05.0646.40.CB	392	05.0658.40	393
03.9987.ES	478	05.0611.14.CB	373	05.0623.14	374	05.0634.40.NI	375	05.0646.40.DA	392	05.0658.40.CB	393
03.9988.14	478	05.0611.14.DA	373	05.0623.14.CB	374	05.0635.14	375	05.0646.40.NI	392	05.0658.40.DA	393
03.9988.40A	478	05.0611.14.NI	373	05.0623.14.DA	374	05.0635.14.CB	375	05.0647.14	392	05.0658.40.NI	393
03.9988.EQ	478	05.0611.40	373	05.0623.14.NI	374	05.0635.14.DA	375	05.0647.14.CB	392	05.0659.14	393
03.9988.ER	478	05.0611.40.CB	373								

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05.0660.40.NI	394	05.0672.40.DA	395	05.0710.14.DA	443	05.0736.14	445	05.0761.40.NI	444	05.0826.14.DA	444
05.0661.14	394	05.0672.40.NI	395	05.0710.14.NI	443	05.0736.14.DA	445	05.0762.14	444	05.0826.14.NI	444
05.0661.14.CB	394	05.0673.14	395	05.0710.40	443	05.0736.14.NI	445	05.0762.14.DA	444	05.0830.14	445
05.0661.14.DA	394	05.0673.14.CB	395	05.0710.40.DA	443	05.0736.40	445	05.0762.14.NI	444	05.0830.14.DA	445
05.0661.14.NI	394	05.0673.14.DA	395	05.0710.40.NI	443	05.0736.40.DA	445	05.0763.14	444	05.0830.14.NI	445
05.0662.14	394	05.0673.14.NI	395	05.0711.14	443	05.0736.40.NI	445	05.0763.14.DA	444	05.0831.14	445
05.0662.14.CB	394	05.0673.40	395	05.0711.14.DA	443	05.0737.40	445	05.0763.14.NI	444	05.0831.14.DA	445
05.0662.14.DA	394	05.0673.40.CB	395	05.0711.14.NI	443	05.0737.40.DA	445	05.0765.14	444	05.0831.14.NI	445
05.0662.14.NI	394	05.0673.40.DA	395	05.0711.40	443	05.0737.40.NI	445	05.0765.14.DA	444	05.0835.14	445
05.0662.40	394	05.0673.40.NI	395	05.0711.40.DA	443	05.0738.40	445	05.0765.14.NI	444	05.0835.14.DA	445
05.0662.40.CB	394	05.0674.14	395	05.0711.40.NI	443	05.0738.40.DA	445	05.0765.40	444	05.0835.14.NI	445
05.0662.40.DA	394	05.0674.14.CB	395	05.0712.40	443	05.0738.40.NI	445	05.0765.40.DA	444	05.0836.14	445
05.0662.40.NI	394	05.0674.14.DA	395	05.0712.40.DA	443	05.0740.14	442	05.0765.40.NI	444	05.0836.14.DA	445
05.0662.40.CB	394	05.0674.14.NI	395	05.0712.40.NI	443	05.0740.14.DA	442	05.0766.14	444	05.0836.14.NI	445
05.0662.40.DA	394	05.0674.40	395	05.0713.40	443	05.0740.14.NI	442	05.0766.14.DA	444	05.0840.14	442
05.0662.40.NI	394	05.0674.40.CB	395	05.0713.40.DA	443	05.0740.40	442	05.0766.14.NI	444	05.0840.14.DA	442
05.0663.14	394	05.0674.40.DA	395	05.0713.40.NI	443	05.0740.40.DA	442	05.0766.40	444	05.0840.14.NI	442
05.0663.14.CB	394	05.0674.40.NI	395	05.0715.14	443	05.0740.40.NI	442	05.0766.40.DA	444	05.0841.14	442
05.0663.14.DA	394	05.0675.14	395	05.0715.14.DA	443	05.0741.14	442	05.0766.40.NI	444	05.0841.14.DA	442
05.0663.14.NI	394	05.0675.14.CB	395	05.0715.14.NI	443	05.0741.14.DA	442	05.0767.14	444	05.0841.14.NI	442
05.0663.40	394	05.0675.14.DA	395	05.0715.40	443	05.0741.14.NI	442	05.0767.14.DA	444	05.0845.14	442
05.0663.40.CB	394	05.0675.14.NI	395	05.0715.40.DA	443	05.0741.40	442	05.0767.14.NI	444	05.0845.14.DA	442
05.0663.40.DA	394	05.0675.40	395	05.0715.40.NI	443	05.0741.40.DA	442	05.0768.14	444	05.0845.14.NI	442
05.0663.40.NI	394	05.0675.40.CB	395	05.0716.14	443	05.0741.40.NI	442	05.0768.14.DA	444	05.0846.14	442
05.0664.14	394	05.0675.40.DA	395	05.0716.14.DA	443	05.0742.14	442	05.0768.14.NI	444	05.0846.14.DA	442
05.0664.14.CB	394	05.0675.40.NI	395	05.0716.14.NI	443	05.0742.14.DA	442	05.0770.14	445	05.0846.14.NI	442
05.0664.14.DA	394	05.0676.14	395	05.0716.14.DA	443	05.0742.14.NI	442	05.0770.14.DA	445	05.0850.14	443
05.0664.14.NI	394	05.0676.14.CB	395	05.0716.40	443	05.0743.14	442	05.0770.14.NI	445	05.0850.14.DA	443
05.0664.40	394	05.0676.14.DA	395	05.0716.40.DA	443	05.0743.14.DA	442	05.0770.40	445	05.0850.14.NI	443
05.0664.40.CB	394	05.0676.14.NI	395	05.0717.40	443	05.0743.14.NI	442	05.0770.40.DA	445	05.0851.14	443
05.0664.40.DA	394	05.0676.40	395	05.0717.40.DA	443	05.0745.14	442	05.0770.40.NI	445	05.0851.14.DA	443
05.0664.40.NI	394	05.0676.40.CB	395	05.0717.40.NI	443	05.0745.14.DA	442	05.0771.14	445	05.0851.14.NI	443
05.0665.14	394	05.0676.40.DA	395	05.0718.40	443	05.0745.14.NI	442	05.0771.14.DA	445	05.0855.14	443
05.0665.14.CB	394	05.0676.40.NI	395	05.0718.40.DA	443	05.0745.40	442	05.0771.14.NI	445	05.0855.14.DA	443
05.0665.14.DA	394	05.0677.14	395	05.0718.40.NI	443	05.0745.40.DA	442	05.0771.40	445	05.0855.14.NI	443
05.0665.14.NI	394	05.0677.14.CB	395	05.0720.14	444	05.0745.40.NI	442	05.0771.40.DA	445	05.0856.14	443
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05.0666.14	394	05.0677.40.DA	395	05.0720.40.NI	444	05.0746.40.DA	442	05.0773.14	445	05.0860.14.NI	444
05.0666.14.CB	394	05.0677.40.NI	395	05.0721.14	444	05.0746.40.NI	442	05.0773.14.DA	445	05.0861.14	444
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05.0667.40.CB	394	05.0679.14.NI	395	05.0725.14	444	05.0750.40.NI	443	05.0776.40.DA	445	05.0871.14	445
05.0667.40.DA	394	05.0679.40	395	05.0725.14.DA	444	05.0751.14	443	05.0776.40.NI	445	05.0871.14.DA	445
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05.0668.14.CB	394	05.0679.40.NI	395	05.0725.40.DA	444	05.0751.40	443	05.0777.14.NI	445	05.0875.14.DA	445
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05.0669.40.NI	394	05.0702.40.DA	442	05.0730.14	445	05.0755.40.NI	443	05.0806.14.DA	442	05.0906.14	442
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05.0960.14	444	05.1012.40ANI	365	05.1032.40ADA	367	05.1052.40ACB	385	05.1072.40A	387	05.1112.14ANI	369
05.0960.14.DA	444	05.1015.14A	365	05.1032.40ANI	367	05.1052.40ADA	385	05.1072.40ACB	387	05.1112.40A	369
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05.0966.14.NI	444	05.1016.14ADA	365	05.1036.14ACB	367	05.1056.14A	385	05.1075.40ANI	387	05.1115.40ADA	369
05.0970.14	445	05.1016.14ANI	365	05.1036.14ADA	367	05.1056.14ACB	385	05.1076.14A	387	05.1115.40ANI	369
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05.0971.14	445	05.1016.40ADA	365	05.1036.40ACB	367	05.1056.40A	385	05.1076.14ANI	387	05.1116.14ADA	369
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05.1001.14ACB	364	05.1021.14A	366	05.1040.40ANI	384	05.1060.40ADA	386	05.1100.40ACB	368	05.1120.40A	370
05.1001.14ADA	364	05.1021.14ACB	366	05.1041.14A	384	05.1060.40ANI	386	05.1100.40ADA	368	05.1120.40ACB	370
05.1001.14ANI	364	05.1021.14ADA	366	05.1041.14ACB	384	05.1061.14A	386	05.1100.40ANI	368	05.1120.40ADA	370
05.1001.40A	364	05.1021.14ANI	366	05.1041.14ADA	384	05.1061.14ACB	386	05.1101.14A	368	05.1120.40ANI	370
05.1001.40ACB	364	05.1021.40A	366	05.1041.14ANI	384	05.1061.14ADA	386	05.1101.14ACB	368	05.1121.14A	370
05.1001.40ADA	364	05.1021.40ACB	366	05.1041.40A	384	05.1061.14ANI	386	05.1101.14ADA	368	05.1121.14ACB	370
05.1001.40ANI	364	05.1021.40ADA	366	05.1041.40ACB	384	05.1061.40A	386	05.1101.14ANI	368	05.1121.14ADA	370
05.1002.14A	364	05.1021.40ANI	366	05.1041.40ADA	384	05.1061.40ACB	386	05.1101.40A	368	05.1121.14ANI	370
05.1002.14ACB	364	05.1022.14A	366	05.1041.40ANI	384	05.1061.40ADA	386	05.1101.40ACB	368	05.1121.40A	370
05.1002.14ADA											











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05.1720.14BDA	418	05.1740.14ANI	432	05.1760.14ACB	434	05.1800.14A	192	05.1825.40ADA	194	05.2158.14A	439
05.1720.40A	418	05.1740.14BDA	432	05.1760.14ANI	434	05.1800.14ACB	192	05.1826.14A	194	05.2158.14ADA	439
05.1720.40ACB	418	05.1740.40A	432	05.1760.14BDA	434	05.1800.14ADA	192	05.1826.14ACB	194	05.2162.14A	440
05.1720.40ANI	418	05.1740.40ACB	432	05.1760.40A	434	05.1800.40A	192	05.1826.14ADA	194	05.2162.14ADA	440
05.1720.40BDA	418	05.1740.40ANI	432	05.1760.40ACB	434	05.1800.40ACB	192	05.1826.40A	194	05.2163.14A	440
05.1721.14A	418	05.1740.40BDA	432	05.1760.40ANI	434	05.1800.40ADA	192	05.1826.40ACB	194	05.2163.14ADA	440
05.1721.14ACB	418	05.1741.14A	432	05.1760.40BDA	434	05.1801.14A	192	05.1826.40ADA	194	05.2167.14A	440
05.1721.14ANI	418	05.1741.14ACB	432	05.1761.14A	434	05.1801.14ACB	192	05.1827.14A	194	05.2167.14ADA	440
05.1721.14BDA	418	05.1741.14ANI	432	05.1761.14ACB	434	05.1801.14ADA	192	05.1827.14ACB	194	05.2168.14A	440
05.1721.40A	418	05.1741.14BDA	432	05.1761.14ANI	434	05.1801.40A	192	05.1827.14ADA	194	05.2168.14ADA	440
05.1721.40ACB	418	05.1741.40A	432	05.1761.14BDA	434	05.1801.40ACB	192	05.1827.40A	194	05.2172.14A	441
05.1721.40ANI	418	05.1741.40ACB	432	05.1761.40A	434	05.1801.40ADA	192	05.1827.40ACB	194	05.2172.14ADA	441
05.1721.40BDA	418	05.1741.40ANI	432	05.1761.40ACB	434	05.1802.14A	192	05.1827.40ADA	194	05.2173.14A	441
05.1722.14A	418	05.1741.40BDA	432	05.1761.40ANI	434	05.1802.14ACB	192	05.1830.14A	195	05.2173.14ADA	441
05.1722.14ACB	418	05.1742.14A	432	05.1761.40BDA	434	05.1802.14ADA	192	05.1830.14ACB	195	05.2177.14A	441
05.1722.14ANI	418	05.1742.14ACB	432	05.1762.14A	434	05.1802.40A	192	05.1830.14ADA	195	05.2177.14ADA	441
05.1722.14BDA	418	05.1742.14ANI	432	05.1762.14ACB	434	05.1802.40ACB	192	05.1830.40A	195	05.2178.14A	441
05.1722.40A	418	05.1742.14BDA	432	05.1762.14ANI	434	05.1802.40ADA	192	05.1830.40ACB	195	05.2178.14ADA	441
05.1722.40ACB	418	05.1742.40A	432	05.1762.14BDA	434	05.1805.14A	192	05.1830.40ADA	195	05.2200.14A	438
05.1722.40ANI	418	05.1742.40ACB	432	05.1762.40A	434	05.1805.14ACB	192	05.1831.14A	195	05.2200.14ADA	438
05.1722.40BDA	418	05.1742.40ANI	432	05.1762.40ACB	434	05.1805.14ADA	192	05.1831.14ACB	195	05.2201.14A	438
05.1725.14A	418	05.1742.40BDA	432	05.1762.40ANI	434	05.1805.40A	192	05.1831.14ADA	195	05.2201.14ADA	438
05.1725.14ACB	418	05.1745.14A	432	05.1762.40BDA	434	05.1805.40ACB	192	05.1831.40A	195	05.2205.14A	438
05.1725.14ANI	418	05.1745.14ACB	432	05.1765.14A	434	05.1805.40ADA	192	05.1831.40ACB	195	05.2205.14ADA	438
05.1725.14BDA	418	05.1745.14ANI	432	05.1765.14ACB	434	05.1806.14A	192	05.1831.40ADA	195	05.2206.14A	438
05.1725.40A	418	05.1745.14BDA	432	05.1765.14ANI	434	05.1806.14ACB	192	05.1832.14A	195	05.2206.14ADA	438
05.1725.40ACB	418	05.1745.40A	432	05.1765.14BDA	434	05.1806.14ADA	192	05.1832.14ACB	195	05.2210.14A	439
05.1725.40ANI	418	05.1745.40ACB	432	05.1765.40A	434	05.1806.40A	192	05.1832.14ADA	195	05.2210.14ADA	439
05.1725.40BDA	418	05.1745.40ANI	432	05.1765.40ACB	434	05.1806.40ACB	192	05.1832.40A	195	05.2211.14A	439
05.1726.14A	418	05.1745.40BDA	432	05.1765.40ANI	434	05.1806.40ADA	192	05.1832.40ACB	195	05.2211.14ADA	439
05.1726.14ACB	418	05.1746.14A	432	05.1765.40BDA	434	05.1807.14A	192	05.1832.40ADA	195	05.2215.14A	439
05.1726.14ANI	418	05.1746.14ACB	432	05.1766.14A	434	05.1807.14ACB	192	05.1835.14A	195	05.2215.14ADA	439
05.1726.14BDA	418	05.1746.14ANI	432	05.1766.14ACB	434	05.1807.14ADA	192	05.1835.14ACB	195	05.2216.14A	439
05.1726.40A	418	05.1746.14BDA	432	05.1766.14ANI	434	05.1807.40A	192	05.1835.14ADA	195	05.2216.14ADA	439
05.1726.40ACB	418	05.1746.40A	432	05.1766.14BDA	434	05.1807.40ACB	192	05.1835.40A	195	05.2220.14A	440
05.1726.40ANI	418	05.1746.40ACB	432	05.1766.40A	434	05.1807.40ADA	192	05.1835.40ACB	195	05.2220.14ADA	440
05.1726.40BDA	418	05.1746.40ANI	432	05.1766.40ACB	434	05.1810.14A	193	05.1835.40ADA	195	05.2221.14A	440
05.1727.14A	418	05.1746.40BDA	432	05.1766.40ANI	434	05.1810.14ACB	193	05.1836.14A	195	05.2221.14ADA	440
05.1727.14ACB	418	05.1747.14A	432	05.1766.40BDA	434	05.1810.14ADA	193	05.1836.14ACB	195	05.2225.14A	440
05.1727.14ANI	418	05.1747.14ACB	432	05.1767.14A	434	05.1810.40A	193	05.1836.14ADA	195	05.2225.14ADA	440
05.1727.14BDA	418	05.1747.14ANI	432	05.1767.14ACB	434	05.1810.40ACB	193	05.1836.40A	195	05.2226.14A	440
05.1727.40A	418	05.1747.14BDA	432	05.1767.14ANI	434	05.1810.40ADA	193	05.1836.40ACB	195	05.2226.14ADA	440
05.1727.40ACB	418	05.1747.40A	432	05.1767.14BDA	434	05.1811.14A	193	05.1836.40ADA	195	05.2230.14A	441
05.1727.40ANI	418	05.1747.40ACB	432	05.1767.40A	434	05.1811.14ACB	193	05.1837.14A	195	05.2230.14ADA	441
05.1727.40BDA	418	05.1747.40ANI	432	05.1767.40ACB	434	05.1811.14ADA	193	05.1837.14ACB	195	05.2231.14A	441
05.1730.14A	419	05.1747.40BDA	432	05.1767.40ANI	434	05.1811.40A	193	05.1837.14ADA	195	05.2231.14ADA	441
05.1730.14ACB	419	05.1750.14A	433	05.1767.40BDA	434	05.1811.40ACB	193	05.1837.40A	195	05.2235.14A	441
05.1730.14ANI	419	05.1750.14ACB	433	05.1770.14A	435	05.1811.40ADA	193	05.1837.40ACB	195	05.2235.14ADA	441
05.1730.14BDA	419	05.1750.14ANI	433	05.1770.14ACB	435	05.1812.14A	193	05.1837.40ADA	195	05.2236.14A	441
05.1730.40A	419	05.1750.14BDA	433	05.1770.14ANI	435	05.1812.14ACB	193	05.2102.40A	438	05.2236.14ADA	441
05.1730.40ACB	419	05.1750.40A	433	05.1770.14BDA	435	05.1812.14ADA	193	05.2102.40ADA	438	05.2240.14A	438
05.1730.40ANI	419	05.1750.40ACB	433	05.1770.40A	435	05.1812.40A	193	05.2103.40A	438	05.2240.14ADA	438
05.1730.40BDA	419	05.1750.40ANI	433	05.1770.40ACB	435	05.1812.40ACB	193	05.2103.40ADA	438	05.2241.14A	438
05.1731.14A	419	05.1750.40BDA	433	05.1770.40ANI	435	05.1812.40ADA	193	05.2107.40A	438	05.2241.14ADA	438
05.1731.14ACB	419	05.1751.14A	433	05.1770.40BDA	435	05.1815.14A	193	05.2107.40ADA	438	05.2245.14A	438
05.1731.14ANI	419	05.1751.14ACB	433	05.1771.14A	435	05.1815.14ACB	193	05.2108.40A	438	05.2245.14ADA	438
05.1731.14BDA	419	05.1751.14ANI	433	05.1771.14ACB	435	05.1815.14ADA	193	05.2108.40ADA	438	05.2246.14A	438
05.1731.40A	419	05.1751.14BDA	433	05.1771.14ANI	435	05.1815.40A	193	05.2112.40A	439	05.2246.14ADA	438
05.1731.40ACB	419	05.1751.40A	433	05.1771.14BDA	435	05.1815.40ACB	193	05.2112.40ADA	439	05.2250.14A	439
05.1731.40ANI	419	05.1751.40ACB	433	05.1771.40A	435	05.1815.40ADA	193	05.2113.40A	439	05.2250.14ADA	439
05.1731.40BDA	419	05.1751.40ANI	433	05.1771.40ACB	435	05.1816.14A	193	05.2113.40ADA	439	05.2251.14A	439
05.1732.14A	419	05.1751.40BDA	433	05.1771.40ANI	435	05.1816.14ACB	193	05.2117.40A	439	05.2251.14ADA	439
05.1732.14ACB	419	05.1752.14A	433	05.1771.40BDA	435	05.1816.14ADA	193	05.2117.40ADA	439	05.2255.14A	439
05.1732.14ANI	419	05.1752.14ACB	433	05.1772.14A	435	05.1816.40A	193	05.2118.40A	439	05.2255.14ADA	439
05.1732.14BDA	419	05.1752.14ANI	433	05.1772.14ACB	435	05.1816.40ACB	193	05.2118.40ADA	439	05.2256.14A	439
05.1732.40A	419	05.1752.14BDA	433	05.1772.14ANI	435	05.1816.40ADA	193	05.2122.40A	440	05.2256.14ADA	439
05.1732.40ACB	419	05.1752.40A	433	05.1772.14BDA	435	05.1817.14A	193	05.2122.40ADA	440	05.2260.14A	440
05.1732.40ANI	419	05.1752.40ACB	433	05.1772.40A	435	05.1817.14ACB	193	05.2123.40A	440	05.2260.14ADA	440
05.1732.40BDA	419	05.1752.40ANI	433	05.1772.40ACB	435	05.1817.14ADA	193	05.2123.40ADA	440	05.2261.14A	440
05.1735.14A	419	05.1752.40BDA	433	05.1772.40ANI	435	05.1817.40A	193	05.2127.40A	440	05.2261.14ADA	440
05.1735.14ACB	419	05.1755.14A	433	05.1772.40BDA	435	05.1817.40ACB	193	05.2127.40ADA	440	05.2265.14A	440
05.1735.14ANI	419	05.1755.14ACB	433	05.1775.14A	435	05.1817.40ADA	193	05.2128.40A	440	05.2265.14ADA	440
05.1735.14BDA	419	05.1755.14ANI	433	05.1775.14ACB	435	05.1820.14A	194	05.2128.40ADA	440	05.2266.14A	440
05.1735.40A	419	05.1755.14BDA	433	05.1775.14ANI	435	05.1820.14ACB	194	05.2132.40A	441	05.2266.14ADA	440
05.1735.40ACB	419	05.1755.40A	433	05.1775.14BDA	435	05.1820.14ADA	194	05.2132.40ADA	441	05.2270.14A	441
05.1735.40ANI	419	05.1755.40ACB	433	05.1775.40A	435	05.1820.40A	194	05.2133.40A	441	05.2270.14ADA	441
05.1735.40BDA	419	05.1755.40ANI	433	05.1775.40ACB	435	05.1820.40ACB	194	05.2133.40ADA	441	05.2271.14A	441
05.1736.14A	419	05.1755.40BDA	433	05.1775.40ANI	435	05.1820.40ADA	194	05.2137.40A	441	05.2271.14ADA	441
05.1736.14ACB	419	05.1756.14A	433	05.1775.40BDA	435	05.1821.14A	194	05.2137.40ADA	441	05.2275.14A	441
05.1736.14ANI	419	05.1756.14ACB	433	05.1776.14A	435	05.1821.14ACB	194	05.2138.40A	441	05.2275.14ADA	441
05.1736.14BDA	419	05.1756.14ANI	433	05.1776.14ACB	435	05.1821.14ADA	194	05.2138.40ADA			

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05.2315.14ADA	439	05.2512.ES	462	05.2614.ES	474	05.2628.ER.NI	473	05.2643.ER	472	05.2658.40.NI	475
05.2316.14A	439	05.2600.14	472	05.2614.ES.NI	474	05.2629.ES	473	05.2643.ER.NI	472	05.2658.ER	475
05.2316.14ADA	439	05.2600.14.NI	472	05.2615.14	475	05.2629.ES.NI	473	05.2644.ES	472	05.2658.ER.NI	475
05.2320.14A	440	05.2600.40	472	05.2615.14.NI	475	05.2630.14	474	05.2644.ES.NI	472	05.2659.ES	475
05.2320.14ADA	440	05.2600.40.NI	472	05.2615.40	475	05.2630.14.NI	474	05.2645.14	473	05.2659.ES.NI	475
05.2321.14A	440	05.2601.14	472	05.2615.40.NI	475	05.2630.40	474	05.2645.14.NI	473	05.2700.14	468
05.2321.14ADA	440	05.2601.14.NI	472	05.2616.14	475	05.2630.40.NI	474	05.2645.40	473	05.2700.40	468
05.2325.14A	440	05.2601.40	472	05.2616.14.NI	475	05.2631.14	474	05.2645.40.NI	473	05.2701.14	468
05.2325.14ADA	440	05.2601.40.NI	472	05.2616.40	475	05.2631.14.NI	474	05.2646.14	473	05.2701.40	468
05.2326.14A	440	05.2601.EQ	472	05.2616.40.NI	475	05.2631.40	474	05.2646.14.NI	473	05.2701.EQ	468
05.2326.14ADA	440	05.2601.EQ.NI	472	05.2616.EQ	475	05.2631.40.NI	474	05.2646.40	473	05.2701.ER	468
05.2330.14A	441	05.2601.ER	472	05.2616.EQ.NI	475	05.2631.EQ	474	05.2646.40.NI	473	05.2701.ES	468
05.2330.14ADA	441	05.2601.ER.NI	472	05.2616.ER	475	05.2631.EQ.NI	474	05.2646.EQ	473	05.2701.TK	468
05.2331.14A	441	05.2601.ES	472	05.2616.ER.NI	475	05.2631.ER	474	05.2646.EQ.NI	473	05.2702.14	468
05.2331.14ADA	441	05.2601.ES.NI	472	05.2616.ES	475	05.2631.ER.NI	474	05.2646.ER	473	05.2702.40	468
05.2335.14A	441	05.2601.TK	472	05.2616.ES.NI	475	05.2631.ES	474	05.2646.ER.NI	473	05.2702.EQ	468
05.2335.14ADA	441	05.2601.TK.NI	472	05.2616.TK	475	05.2631.ES.NI	474	05.2646.ES	473	05.2702.TK	468
05.2336.14A	441	05.2602.14	472	05.2616.TK.NI	475	05.2631.TK	474	05.2646.ES.NI	473	05.2703.14	468
05.2336.14ADA	441	05.2602.14.NI	472	05.2617.14	475	05.2631.TK.NI	474	05.2646.TK	473	05.2703.40	468
05.2340.14A	438	05.2602.40	472	05.2617.14.NI	475	05.2632.14	474	05.2646.TK.NI	473	05.2703.ER	468
05.2340.14ADA	438	05.2602.40.NI	472	05.2617.40	475	05.2632.14.NI	474	05.2647.14	473	05.2704.ES	468
05.2341.14A	438	05.2602.EQ	472	05.2617.40.NI	475	05.2632.40	474	05.2647.14.NI	473	05.2705.14	468
05.2341.14ADA	438	05.2602.EQ.NI	472	05.2617.EQ	475	05.2632.40.NI	474	05.2647.40	473	05.2705.40	468
05.2345.14A	438	05.2602.TK	472	05.2617.EQ.NI	475	05.2632.EQ	474	05.2647.40.NI	473	05.2706.14	468
05.2345.14ADA	438	05.2602.TK.NI	472	05.2617.TK	475	05.2632.EQ.NI	474	05.2647.EQ	473	05.2706.40	468
05.2346.14A	438	05.2603.14	472	05.2617.TK.NI	475	05.2632.TK	474	05.2647.EQ.NI	473	05.2706.EQ	468
05.2346.14ADA	438	05.2603.14.NI	472	05.2618.14	475	05.2632.TK.NI	474	05.2647.TK	473	05.2706.ER	468
05.2350.14A	439	05.2603.40	472	05.2618.14.NI	475	05.2633.14	474	05.2647.TK.NI	473	05.2706.ES	468
05.2350.14ADA	439	05.2603.40.NI	472	05.2618.40	475	05.2633.14.NI	474	05.2648.14	473	05.2706.TK	468
05.2351.14A	439	05.2603.ER	472	05.2618.40.NI	475	05.2633.40	474	05.2648.14.NI	473	05.2707.14	468
05.2351.14ADA	439	05.2603.ER.NI	472	05.2618.ER	475	05.2633.40.NI	474	05.2648.40	473	05.2707.40	468
05.2355.14A	439	05.2604.ES	472	05.2618.ER.NI	475	05.2633.ER	474	05.2648.40.NI	473	05.2707.EQ	468
05.2355.14ADA	439	05.2604.ES.NI	472	05.2619.ES	475	05.2633.ER.NI	474	05.2648.ER	473	05.2707.TK	468
05.2356.14A	439	05.2605.14	473	05.2619.ES.NI	475	05.2634.ES	474	05.2648.ER.NI	473	05.2708.14	468
05.2356.14ADA	439	05.2605.14.NI	473	05.2620.14	472	05.2634.ES.NI	474	05.2649.ES	473	05.2708.40	468
05.2360.14A	440	05.2605.40	473	05.2620.14.NI	472	05.2635.14	475	05.2649.ES.NI	473	05.2708.ER	468
05.2360.14ADA	440	05.2605.40.NI	473	05.2620.40	472	05.2635.14.NI	475	05.2650.14	474	05.2709.ES	468
05.2361.14A	440	05.2606.14	473	05.2620.40.NI	472	05.2635.40	475	05.2650.14.NI	474	05.2710.14	469
05.2361.14ADA	440	05.2606.14.NI	473	05.2621.14	472	05.2635.40.NI	475	05.2650.40	474	05.2710.40	469
05.2365.14A	440	05.2606.40	473	05.2621.14.NI	472	05.2636.14	475	05.2650.40.NI	474	05.2711.14	469
05.2365.14ADA	440	05.2606.40.NI	473	05.2621.40	472	05.2636.14.NI	475	05.2651.14	474	05.2711.40	469
05.2366.14A	440	05.2606.EQ	473	05.2621.40.NI	472	05.2636.40	475	05.2651.14.NI	474	05.2711.EQ	469
05.2366.14ADA	440	05.2606.EQ.NI	473	05.2621.EQ	472	05.2636.40.NI	475	05.2651.40	474	05.2711.ER	469
05.2370.14A	441	05.2606.ER	473	05.2621.EQ.NI	472	05.2636.EQ	475	05.2651.40.NI	474	05.2711.ES	469
05.2370.14ADA	441	05.2606.ER.NI	473	05.2621.ER	472	05.2636.EQ.NI	475	05.2651.EQ	474	05.2711.TK	469
05.2371.14A	441	05.2606.ES	473	05.2621.ER.NI	472	05.2636.ER	475	05.2651.EQ.NI	474	05.2712.14	469
05.2371.14ADA	441	05.2606.ES.NI	473	05.2621.ES	472	05.2636.ER.NI	475	05.2651.ER	474	05.2712.40	469
05.2375.14A	441	05.2606.TK	473	05.2621.ES.NI	472	05.2636.ES	475	05.2651.ER.NI	474	05.2712.EQ	469
05.2375.14ADA	441	05.2606.TK.NI	473	05.2621.TK	472	05.2636.ES.NI	475	05.2651.ES	474	05.2712.TK	469
05.2376.14A	441	05.2607.14	473	05.2621.TK.NI	472	05.2636.TK	475	05.2651.ES.NI	474	05.2713.14	469
05.2376.14ADA	441	05.2607.14.NI	473	05.2622.14	472	05.2636.TK.NI	475	05.2651.TK	474	05.2713.40	469
05.2500.14	462	05.2607.40	473	05.2622.14.NI	472	05.2637.14	475	05.2651.TK.NI	474	05.2713.ER	469
05.2500.40	462	05.2607.40.NI	473	05.2622.40	472	05.2637.14.NI	475	05.2652.14	474	05.2714.ES	469
05.2500.EQ	462	05.2607.EQ	473	05.2622.40.NI	472	05.2637.40	475	05.2652.14.NI	474	05.2720.14	468
05.2500.ER	462	05.2607.EQ.NI	473	05.2622.EQ	472	05.2637.40.NI	475	05.2652.40	474	05.2720.40	468
05.2500.ES	462	05.2607.TK	473	05.2622.EQ.NI	472	05.2637.EQ	475	05.2652.40.NI	474	05.2721.14	468
05.2501.14	462	05.2607.TK.NI	473	05.2622.TK	472	05.2637.EQ.NI	475	05.2652.EQ	474	05.2721.40	468
05.2501.40	462	05.2608.14	473	05.2622.TK.NI	472	05.2637.TK	475	05.2652.EQ.NI	474	05.2721.EQ	468
05.2501.EQ	462	05.2608.14.NI	473	05.2623.14	472	05.2637.TK.NI	475	05.2652.TK	474	05.2721.ER	468
05.2501.ER	462	05.2608.40	473	05.2623.14.NI	472	05.2638.14	475	05.2652.TK.NI	474	05.2721.ES	468
05.2501.ES	462	05.2608.40.NI	473	05.2623.40	472	05.2638.14.NI	475	05.2653.14	474	05.2721.TK	468
05.2502.14	462	05.2608.ER	473	05.2623.40.NI	472	05.2638.40	475	05.2653.14.NI	474	05.2722.14	468
05.2502.40	462	05.2608.ER.NI	473	05.2623.ER	472	05.2638.40.NI	475	05.2653.40	474	05.2722.40	468
05.2502.EQ	462	05.2609.ES	473	05.2623.ER.NI	472	05.2638.ER	475	05.2653.40.NI	474	05.2722.EQ	468
05.2502.ER	462	05.2609.ES.NI	473	05.2624.ES	472	05.2638.ER.NI	475	05.2653.ER	474	05.2722.TK	468
05.2502.ES	462	05.2610.14	474	05.2624.ES.NI	472	05.2639.ES	475	05.2653.ER.NI	474	05.2723.14	468
05.2505.14	462	05.2610.14.NI	474	05.2625.14	473	05.2639.ES.NI	475	05.2654.ES	474	05.2723.40	468
05.2505.40	462	05.2610.40	474	05.2625.14.NI	473	05.2640.14	472	05.2654.ES.NI	474	05.2723.ER	468
05.2505.EQ	462	05.2610.40.NI	474	05.2625.40	473	05.2640.14.NI	472	05.2655.14	475	05.2724.ES	468
05.2505.ER	462	05.2611.14	474	05.2625.40.NI	473	05.2640.40	472	05.2655.14.NI	475	05.2725.14	468
05.2505.ES	462	05.2611.14.NI	474	05.2626.14	473	05.2640.40.NI	472	05.2655.40	475	05.2725.40	468
05.2506.14	462	05.2611.40	474	05.2626.14.NI	473	05.2641.14	472	05.2655.40.NI	475	05.2726.14	468
05.2506.40	462	05.2611.40.NI	474	05.2626.40	473	05.2641.14.NI	472	05.2656.14	475	05.2726.40	468
05.2506.EQ	462	05.2611.EQ	474	05.2626.40.NI	473	05.2641.40	472	05.2656.14.NI	475	05.2726.EQ	468
05.2506.ER	462	05.2611.EQ.NI	474	05.2626.EQ	473	05.2641.40.NI	472	05.2656.40	475	05.2726.ER	468
05.2506.ES	462	05.2611.ER	474	05.2626.EQ.NI	473	05.2641.EQ	472	05.2656.40.NI	475	05.2726.ES	468
05.2507.14	462	05.2611.ER.NI	474	05.2626.ER	473	05.2641.EQ.NI	472	05.2656.EQ	475	05.2726.TK	468
05.2507.40	462	05.2611.ES	474	05.2626.ER.NI	473	05.2641.ER	472	05.2656.EQ.NI	475	05.2727.14	468
05.2507.EQ	462	05.2611.ES.NI	474	05.2626.ES	473	05.2641.ER.NI	472	05.2656.ER	475	05.2727.40	468
05.2507.ER	462	05.2611.TK	474	05.2626.ES.NI	473	05.2641.ES	472	05.2656.ER.NI	475	05.2727.EQ	468
05.2507.ES	462	05.2611.TK.NI	474	05.2626.TK	473	05.2641.ES.NI	472	05.2656.ES	475	05.2727.TK	468
05.2510.14	462	05.2612.14	474	05.2626.TK.NI	473	05.2641.TK	472	05.2656.ES.NI	475	05.2728.14	468
05.2510.40	462	05.2612.14.NI	474	05.2627.14	473	05.2641.TK.NI	472	05.2656.TK	475	05.2728.40	468
05.2510.EQ	462	05.2612.40	474	05.2627.14.NI	473	05.2642.14	472	05.2656.TK.NI	475	05.2728.ER	468
05.2510.ER	462	0									

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Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
05.2732.EQ	469	05.2973.C5	30	05.4305.GY	292	05.4310.RY.NI	294	05.4316.OW.RX	294	05.4322.OW.1V	297
05.2732.TK	469	05.2975.C5	30	05.4305.GY.1V	292	05.4310.ZY	294	05.4316.OW.YU	294	05.4322.OW.78	297
05.2733.14	469	05.2976.C5	30	05.4305.GY.DA	292	05.4310.ZY.1V	294	05.4316.RY	294	05.4322.OW.CN	297
05.2733.40	469	05.2977.C5	30	05.4305.GY.NI	292	05.4310.ZY.DA	294	05.4316.RY.1V	294	05.4322.OW.DA	297
05.2733.ER	469	05.2978.C5	30	05.4305.OW	292	05.4310.ZY.NI	294	05.4316.RY.DA	294	05.4322.OW.NI	297
05.2734.ES	469	05.2980.C5	31	05.4305.OW.1V	292	05.4310.ZY.NI	294	05.4316.RY.NI	294	05.4322.OW.RX	297
05.2740.14	468	05.2981.C5	31	05.4305.OW.78	292	05.4311.GY.1V	294	05.4316.ZY	294	05.4322.OW.YU	297
05.2740.40	468	05.2982.C5	31	05.4305.OW.CN	292	05.4311.GY.DA	294	05.4316.ZY.1V	294	05.4322.RY	297
05.2741.14	468	05.2985.C5	31	05.4305.OW.DA	292	05.4311.GY.NI	294	05.4316.ZY.DA	294	05.4322.RY.1V	297
05.2741.40	468	05.2986.C5	31	05.4305.OW.NI	292	05.4311.OW	294	05.4316.ZY.NI	294	05.4322.RY.DA	297
05.2741.EQ	468	05.2987.C5	31	05.4305.OW.RX	292	05.4311.OW.1V	294	05.4317.GY	295	05.4322.RY.NI	297
05.2741.ER	468	05.2990.C5	32	05.4305.OW.YU	292	05.4311.OW.78	294	05.4317.GY.1V	295	05.4322.ZY	297
05.2741.ES	468	05.2991.C5	33	05.4305.RY	292	05.4311.OW.CN	294	05.4317.GY.DA	295	05.4322.ZY.1V	297
05.2741.TK	468	05.2992.C5	32	05.4305.RY.1V	292	05.4311.OW.DA	294	05.4317.GY.NI	295	05.4322.ZY.DA	297
05.2742.14	468	05.2993.C5	33	05.4305.RY.DA	292	05.4311.OW.NI	294	05.4317.OW	295	05.4322.ZY.NI	297
05.2742.40	468	05.4300.GY	292	05.4305.RY.NI	292	05.4311.OW.RX	294	05.4317.OW.1V	295	05.4323.GY	297
05.2742.EQ	468	05.4300.GY.1V	292	05.4305.ZY	292	05.4311.OW.YU	294	05.4317.OW.78	295	05.4323.GY.1V	297
05.2742.TK	468	05.4300.GY.DA	292	05.4305.ZY.1V	292	05.4311.RY	294	05.4317.OW.CN	295	05.4323.GY.DA	297
05.2743.14	468	05.4300.GY.NI	292	05.4305.ZY.DA	292	05.4311.RY.1V	294	05.4317.OW.DA	295	05.4323.GY.NI	297
05.2743.40	468	05.4300.OW	292	05.4305.ZY.NI	292	05.4311.RY.DA	294	05.4317.OW.NI	295	05.4323.OW	297
05.2743.ER	468	05.4300.OW.1V	292	05.4306.GY	292	05.4311.RY.NI	294	05.4317.OW.RX	295	05.4323.OW.1V	297
05.2744.ES	468	05.4300.OW.78	292	05.4306.GY.1V	292	05.4311.ZY	294	05.4317.OW.YU	295	05.4323.OW.78	297
05.2745.14	468	05.4300.OW.CN	292	05.4306.GY.DA	292	05.4311.ZY.1V	294	05.4317.RY	295	05.4323.OW.CN	297
05.2745.40	468	05.4300.OW.DA	292	05.4306.GY.NI	292	05.4311.ZY.DA	294	05.4317.RY.1V	295	05.4323.OW.DA	297
05.2746.14	468	05.4300.OW.NI	292	05.4306.OW	292	05.4311.ZY.NI	294	05.4317.RY.DA	295	05.4323.OW.NI	297
05.2746.40	468	05.4300.OW.RX	292	05.4306.OW.1V	292	05.4312.GY	295	05.4317.RY.NI	295	05.4323.OW.RX	297
05.2746.EQ	468	05.4300.OW.YU	292	05.4306.OW.78	292	05.4312.GY.1V	295	05.4317.ZY	295	05.4323.OW.YU	297
05.2746.ER	468	05.4300.RY	292	05.4306.OW.CN	292	05.4312.GY.DA	295	05.4317.ZY.1V	295	05.4323.RY	297
05.2746.ES	468	05.4300.RY.1V	292	05.4306.OW.DA	292	05.4312.GY.NI	295	05.4317.ZY.DA	295	05.4323.RY.1V	297
05.2746.TK	468	05.4300.RY.DA	292	05.4306.OW.NI	292	05.4312.OW	295	05.4317.ZY.NI	295	05.4323.RY.DA	297
05.2747.14	468	05.4300.RY.NI	292	05.4306.OW.RX	292	05.4312.OW.1V	295	05.4318.GY	295	05.4323.RY.NI	297
05.2747.40	468	05.4300.ZY	292	05.4306.OW.YU	292	05.4312.OW.78	295	05.4318.GY.1V	295	05.4323.ZY	297
05.2747.EQ	468	05.4300.ZY.1V	292	05.4306.RY	292	05.4312.OW.CN	295	05.4318.GY.DA	295	05.4323.ZY.1V	297
05.2747.TK	468	05.4300.ZY.DA	292	05.4306.RY.1V	292	05.4312.OW.DA	295	05.4318.GY.NI	295	05.4323.ZY.DA	297
05.2748.14	468	05.4300.ZY.NI	292	05.4306.RY.DA	292	05.4312.OW.NI	295	05.4318.OW	295	05.4323.ZY.NI	297
05.2748.40	468	05.4301.GY	292	05.4306.RY.NI	292	05.4312.OW.RX	295	05.4318.OW.1V	295	05.4325.GY	296
05.2748.ER	468	05.4301.GY.1V	292	05.4306.ZY	292	05.4312.OW.YU	295	05.4318.OW.78	295	05.4325.GY.1V	296
05.2749.ES	468	05.4301.GY.DA	292	05.4306.ZY.1V	292	05.4312.RY	295	05.4318.OW.CN	295	05.4325.GY.DA	296
05.2750.14	469	05.4301.GY.NI	292	05.4306.ZY.DA	292	05.4312.RY.1V	295	05.4318.OW.DA	295	05.4325.GY.NI	296
05.2750.40	469	05.4301.OW	292	05.4306.ZY.NI	292	05.4312.RY.DA	295	05.4318.OW.NI	295	05.4325.OW	296
05.2751.14	469	05.4301.OW.1V	292	05.4307.GY	293	05.4312.RY.NI	295	05.4318.OW.RX	295	05.4325.OW.1V	296
05.2751.40	469	05.4301.OW.78	292	05.4307.GY.1V	293	05.4312.ZY	295	05.4318.OW.YU	295	05.4325.OW.78	296
05.2751.EQ	469	05.4301.OW.CN	292	05.4307.GY.DA	293	05.4312.ZY.1V	295	05.4318.RY	295	05.4325.OW.CN	296
05.2751.ER	469	05.4301.OW.DA	292	05.4307.GY.NI	293	05.4312.ZY.DA	295	05.4318.RY.1V	295	05.4325.OW.DA	296
05.2751.ES	469	05.4301.OW.NI	292	05.4307.OW	293	05.4312.ZY.NI	295	05.4318.RY.DA	295	05.4325.OW.NI	296
05.2751.TK	469	05.4301.OW.RX	292	05.4307.OW.1V	293	05.4313.GY	295	05.4318.RY.NI	295	05.4325.OW.RX	296
05.2752.14	469	05.4301.OW.YU	292	05.4307.OW.78	293	05.4313.GY.1V	295	05.4318.ZY	295	05.4325.OW.YU	296
05.2752.40	469	05.4301.RY	292	05.4307.OW.CN	293	05.4313.GY.DA	295	05.4318.ZY.1V	295	05.4325.RY	296
05.2752.EQ	469	05.4301.RY.1V	292	05.4307.OW.DA	293	05.4313.GY.NI	295	05.4318.ZY.DA	295	05.4325.RY.1V	296
05.2752.TK	469	05.4301.RY.DA	292	05.4307.OW.NI	293	05.4313.OW	295	05.4318.ZY.NI	295	05.4325.RY.DA	296
05.2753.14	469	05.4301.RY.NI	292	05.4307.OW.RX	293	05.4313.OW.1V	295	05.4320.GY	296	05.4325.RY.NI	296
05.2753.40	469	05.4301.ZY	292	05.4307.OW.YU	293	05.4313.OW.78	295	05.4320.GY.1V	296	05.4325.ZY	296
05.2753.ER	469	05.4301.ZY.1V	292	05.4307.RY	293	05.4313.OW.CN	295	05.4320.GY.DA	296	05.4325.ZY.1V	296
05.2754.ES	469	05.4301.ZY.DA	292	05.4307.RY.1V	293	05.4313.OW.DA	295	05.4320.GY.NI	296	05.4325.ZY.DA	296
05.2900.C5	28	05.4301.ZY.NI	292	05.4307.RY.DA	293	05.4313.OW.NI	295	05.4320.OW	296	05.4325.ZY.NI	296
05.2901.C5	28	05.4302.GY	293	05.4307.RY.NI	293	05.4313.OW.RX	295	05.4320.OW.1V	296	05.4326.GY	296
05.2902.C5	28	05.4302.GY.1V	293	05.4307.ZY	293	05.4313.OW.YU	295	05.4320.OW.78	296	05.4326.GY.1V	296
05.2905.C5	28	05.4302.GY.DA	293	05.4307.ZY.1V	293	05.4313.RY	295	05.4320.OW.CN	296	05.4326.GY.DA	296
05.2906.C5	28	05.4302.GY.NI	293	05.4307.ZY.DA	293	05.4313.RY.1V	295	05.4320.OW.DA	296	05.4326.GY.NI	296
05.2907.C5	28	05.4302.OW	293	05.4307.ZY.NI	293	05.4313.RY.DA	295	05.4320.OW.NI	296	05.4326.OW	296
05.2910.C5	29	05.4302.OW.1V	293	05.4308.GY	293	05.4313.RY.NI	295	05.4320.OW.RX	296	05.4326.OW.1V	296
05.2911.C5	29	05.4302.OW.78	293	05.4308.GY.1V	293	05.4313.ZY	295	05.4320.OW.YU	296	05.4326.OW.78	296
05.2912.C5	29	05.4302.OW.CN	293	05.4308.GY.DA	293	05.4313.ZY.1V	295	05.4320.RY	296	05.4326.OW.CN	296
05.2915.C5	29	05.4302.OW.DA	293	05.4308.GY.NI	293	05.4313.ZY.DA	295	05.4320.RY.1V	296	05.4326.OW.DA	296
05.2916.C5	29	05.4302.OW.NI	293	05.4308.OW	293	05.4313.ZY.NI	295	05.4320.RY.DA	296	05.4326.OW.NI	296
05.2917.C5	29	05.4302.OW.RX	293	05.4308.OW.1V	293	05.4315.GY	294	05.4320.RY.NI	296	05.4326.OW.RX	296
05.2920.C5	28	05.4302.OW.YU	293	05.4308.OW.78	293	05.4315.GY.1V	294	05.4320.ZY	296	05.4326.OW.YU	296
05.2921.C5	28	05.4302.RY	293	05.4308.OW.CN	293	05.4315.GY.DA	294	05.4320.ZY.1V	296	05.4326.RY	296
05.2922.C5	28	05.4302.RY.1V	293	05.4308.OW.DA	293	05.4315.GY.NI	294	05.4320.ZY.DA	296	05.4326.RY.1V	296
05.2925.C5	28	05.4302.RY.DA	293	05.4308.OW.NI	293	05.4315.OW	294	05.4320.ZY.NI	296	05.4326.RY.DA	296
05.2926.C5	28	05.4302.RY.NI	293	05.4308.OW.RX	293	05.4315.OW.1V	294	05.4321.GY	296	05.4326.RY.NI	296
05.2927.C5	28	05.4302.ZY	293	05.4308.OW.YU	293	05.4315.OW.78	294	05.4321.GY.1V	296	05.4326.ZY	296
05.2930.C5	29	05.4302.ZY.1V	293	05.4308.RY	293	05.4315.OW.CN	294	05.4321.GY.DA	296	05.4326.ZY.1V	296
05.2931.C5	29	05.4302.ZY.DA	293	05.4308.RY.1V	293	05.4315.OW.DA	294	05.4321.GY.NI	296	05.4326.ZY.DA	296
05.2932.C5	29	05.4302.ZY.NI	293	05.4308.RY.DA	293	05.4315.OW.NI	294	05.4321.OW	296	05.4326.ZY.NI	296
05.2935.C5	29	05.4303.GY	293	05.4308.RY.NI	293	05.4315.OW.RX	294	05.4321.OW.1V	296	05.4327.GY	297
05.2936.C5	29	05.4303.GY.1V	293	05.4308.ZY	293	05.4315.OW.YU	294	05.4321.OW.78	296	05.4327.GY.1V	297
05.2937.C5	29	05.4303.GY.DA	293	05.4308.ZY.1V	293	05.4315.RY	294	05.4321.OW.CN	296	05.4327.GY.DA	297
05.2950.C5	30	05.4303.GY.NI	293	05.4308.ZY.DA	293	05.4315.RY.1V	294	05.4321.OW.DA	296	05.4327.GY.NI	297
05.2951.C5	30	05.4303.OW	293	05.4308.ZY.NI	293	05.4315.RY.DA	294	05.4321.OW.NI	296	05.4327.OW	297
05.2952.C5	30	05.4303.OW.1V	293	05.4310.GY	294	05.4315.RY.NI	294	05.4321.OW.RX	296	05.4327.OW.1V	297
05.2953.C5	30	05.4303.OW.78	293	05.4310.GY.1V	294	05.4315.ZY	294	05.4321.OW.YU	296	05.4327.OW.78	297
05.2955.C5	30	05.4303.OW.CN	293	05.4310.GY.DA	294	05.4315.ZY.1V	294	05.4321.RY	296	05.4327.OW.CN	297
05.2956.C5	30	05.4303.OW.DA	293	05.4310.GY.NI	294	05.4315.ZY.DA	294	05.432			

# QUICK SEARCH OF PRODUCT

Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
05.4328.GY	297	05.4335.RY.NI	298	05.4342.OW.RX	301	05.4351.OW.1V	302	05.5100.14	102	05.5125.40.DA	107
05.4328.GY.1V	297	05.4335.ZY	298	05.4342.OW.YU	301	05.4351.OW.78	302	05.5100.14.1V	103	05.5126.14	106
05.4328.GY.DA	297	05.4335.ZY.1V	298	05.4342.RY	301	05.4351.OW.CN	302	05.5100.14.CB	102	05.5126.14.1V	107
05.4328.GY.NI	297	05.4335.ZY.DA	298	05.4342.RY.1V	301	05.4351.OW.DA	302	05.5100.14.DA	103	05.5126.14.CB	106
05.4328.OW	297	05.4335.ZY.NI	298	05.4342.RY.DA	301	05.4351.OW.NI	302	05.5100.40	102	05.5126.14.DA	107
05.4328.OW.1V	297	05.4336.GY	298	05.4342.RY.NI	301	05.4351.OW.RX	302	05.5100.40.1V	103	05.5126.40	106
05.4328.OW.78	297	05.4336.GY.1V	298	05.4342.ZY	301	05.4351.OW.YU	302	05.5100.40.CB	102	05.5126.40.1V	107
05.4328.OW.CN	297	05.4336.GY.DA	298	05.4342.ZY.1V	301	05.4351.RY	302	05.5100.40.DA	103	05.5126.40.CB	106
05.4328.OW.DA	297	05.4336.GY.NI	298	05.4342.ZY.DA	301	05.4351.RY.1V	302	05.5101.14	102	05.5126.40.DA	107
05.4328.OW.NI	297	05.4336.OW	298	05.4342.ZY.NI	301	05.4351.RY.DA	302	05.5101.14.1V	103	05.5127.14	106
05.4328.OW.RX	297	05.4336.OW.1V	298	05.4345.GY	300	05.4351.RY.NI	302	05.5101.14.CB	102	05.5127.14.1V	107
05.4328.OW.YU	297	05.4336.OW.78	298	05.4345.GY.1V	300	05.4351.ZY	302	05.5101.14.DA	103	05.5127.14.CB	106
05.4328.RY	297	05.4336.OW.CN	298	05.4345.GY.DA	300	05.4351.ZY.1V	302	05.5101.40	102	05.5127.14.DA	107
05.4328.RY.1V	297	05.4336.OW.DA	298	05.4345.GY.NI	300	05.4351.ZY.DA	302	05.5101.40.1V	103	05.5127.40	106
05.4328.RY.DA	297	05.4336.OW.NI	298	05.4345.OW	300	05.4351.ZY.NI	302	05.5101.40.CB	102	05.5127.40.1V	107
05.4328.RY.NI	297	05.4336.OW.RX	298	05.4345.OW.1V	300	05.4352.GY	303	05.5101.40.DA	103	05.5127.40.CB	106
05.4328.ZY	297	05.4336.OW.YU	298	05.4345.OW.78	300	05.4352.GY.1V	303	05.5105.14	102	05.5127.40.DA	107
05.4328.ZY.1V	297	05.4336.RY	298	05.4345.OW.CN	300	05.4352.GY.DA	303	05.5105.14.1V	103	05.5130.14	108
05.4328.ZY.DA	297	05.4336.RY.1V	298	05.4345.OW.DA	300	05.4352.GY.NI	303	05.5105.14.CB	102	05.5130.14.1V	109
05.4328.ZY.NI	297	05.4336.RY.DA	298	05.4345.OW.NI	300	05.4352.OW	303	05.5105.14.DA	103	05.5130.14.CB	108
05.4330.GY	298	05.4336.RY.NI	298	05.4345.OW.RX	300	05.4352.OW.1V	303	05.5105.40	102	05.5130.14.DA	109
05.4330.GY.1V	298	05.4336.ZY	298	05.4345.OW.YU	300	05.4352.OW.78	303	05.5105.40.1V	103	05.5130.40	108
05.4330.GY.DA	298	05.4336.ZY.1V	298	05.4345.RY	300	05.4352.OW.CN	303	05.5105.40.CB	102	05.5130.40.1V	109
05.4330.GY.NI	298	05.4336.ZY.DA	298	05.4345.RY.1V	300	05.4352.OW.DA	303	05.5105.40.DA	103	05.5130.40.CB	108
05.4330.OW	298	05.4336.ZY.NI	298	05.4345.RY.DA	300	05.4352.OW.NI	303	05.5106.14	102	05.5130.40.DA	109
05.4330.OW.1V	298	05.4337.GY	299	05.4345.RY.NI	300	05.4352.OW.RX	303	05.5106.14.1V	103	05.5131.14	108
05.4330.OW.78	298	05.4337.GY.1V	299	05.4345.ZY	300	05.4352.OW.YU	303	05.5106.14.CB	102	05.5131.14.1V	109
05.4330.OW.CN	298	05.4337.GY.DA	299	05.4345.ZY.1V	300	05.4352.RY	303	05.5106.14.DA	103	05.5131.14.CB	108
05.4330.OW.DA	298	05.4337.GY.NI	299	05.4345.ZY.DA	300	05.4352.RY.1V	303	05.5106.40	102	05.5131.14.DA	109
05.4330.OW.NI	298	05.4337.OW	299	05.4345.ZY.NI	300	05.4352.RY.DA	303	05.5106.40.1V	103	05.5131.40	108
05.4330.OW.RX	298	05.4337.OW.1V	299	05.4346.GY	300	05.4352.RY.NI	303	05.5106.40.CB	102	05.5131.40.1V	109
05.4330.OW.YU	298	05.4337.OW.78	299	05.4346.GY.1V	300	05.4352.ZY	303	05.5106.40.DA	103	05.5131.40.CB	108
05.4330.RY	298	05.4337.OW.CN	299	05.4346.GY.DA	300	05.4352.ZY.1V	303	05.5110.14	104	05.5131.40.DA	109
05.4330.RY.1V	298	05.4337.OW.DA	299	05.4346.GY.NI	300	05.4352.ZY.DA	303	05.5110.14.1V	105	05.5135.14	108
05.4330.RY.DA	298	05.4337.OW.NI	299	05.4346.OW	300	05.4352.ZY.NI	303	05.5110.14.CB	104	05.5135.14.1V	109
05.4330.RY.NI	298	05.4337.OW.RX	299	05.4346.OW.1V	300	05.4355.GY	302	05.5110.14.DA	105	05.5135.14.CB	108
05.4330.ZY	298	05.4337.OW.YU	299	05.4346.OW.78	300	05.4355.GY.1V	302	05.5110.40	104	05.5135.14.DA	109
05.4330.ZY.1V	298	05.4337.RY	299	05.4346.OW.CN	300	05.4355.GY.DA	302	05.5110.40.1V	105	05.5135.40	108
05.4330.ZY.DA	298	05.4337.RY.1V	299	05.4346.OW.DA	300	05.4355.GY.NI	302	05.5110.40.CB	104	05.5135.40.1V	109
05.4330.ZY.NI	298	05.4337.RY.DA	299	05.4346.OW.NI	300	05.4355.OW	302	05.5110.40.DA	105	05.5135.40.CB	108
05.4331.GY	298	05.4337.RY.NI	299	05.4346.OW.RX	300	05.4355.OW.1V	302	05.5111.14	104	05.5135.40.DA	109
05.4331.GY.1V	298	05.4337.ZY	299	05.4346.OW.YU	300	05.4355.OW.78	302	05.5111.14.1V	105	05.5136.14	108
05.4331.GY.DA	298	05.4337.ZY.1V	299	05.4346.RY	300	05.4355.OW.CN	302	05.5111.14.CB	104	05.5136.14.1V	109
05.4331.GY.NI	298	05.4337.ZY.DA	299	05.4346.RY.1V	300	05.4355.OW.DA	302	05.5111.14.DA	105	05.5136.14.CB	108
05.4331.OW	298	05.4337.ZY.NI	299	05.4346.RY.DA	300	05.4355.OW.NI	302	05.5111.40	104	05.5136.14.DA	109
05.4331.OW.1V	298	05.4340.GY	300	05.4346.RY.NI	300	05.4355.OW.RX	302	05.5111.40.1V	105	05.5136.40	108
05.4331.OW.78	298	05.4340.GY.1V	300	05.4346.ZY	300	05.4355.OW.YU	302	05.5111.40.CB	104	05.5136.40.1V	109
05.4331.OW.CN	298	05.4340.GY.DA	300	05.4346.ZY.1V	300	05.4355.RY	302	05.5111.40.DA	105	05.5136.40.CB	108
05.4331.OW.DA	298	05.4340.GY.NI	300	05.4346.ZY.DA	300	05.4355.RY.1V	302	05.5115.14	104	05.5136.40.DA	109
05.4331.OW.NI	298	05.4340.OW	300	05.4346.ZY.NI	300	05.4355.RY.DA	302	05.5115.14.1V	105	05.5140.14	114
05.4331.OW.RX	298	05.4340.OW.1V	300	05.4347.GY	301	05.4355.RY.NI	302	05.5115.14.CB	104	05.5140.14.1V	115
05.4331.OW.YU	298	05.4340.OW.78	300	05.4347.GY.1V	301	05.4355.ZY	302	05.5115.14.DA	105	05.5140.14.CB	114
05.4331.RY	298	05.4340.OW.CN	300	05.4347.GY.DA	301	05.4355.ZY.1V	302	05.5115.40	104	05.5140.14.DA	115
05.4331.RY.1V	298	05.4340.OW.DA	300	05.4347.GY.NI	301	05.4355.ZY.DA	302	05.5115.40.1V	105	05.5140.40	114
05.4331.RY.DA	298	05.4340.OW.NI	300	05.4347.OW	301	05.4355.ZY.NI	302	05.5115.40.CB	104	05.5140.40.1V	115
05.4331.RY.NI	298	05.4340.OW.RX	300	05.4347.OW.1V	301	05.4356.GY	302	05.5115.40.DA	105	05.5140.40.CB	114
05.4331.ZY	298	05.4340.OW.YU	300	05.4347.OW.78	301	05.4356.GY.1V	302	05.5116.14	104	05.5140.40.DA	115
05.4331.ZY.1V	298	05.4340.RY	300	05.4347.OW.CN	301	05.4356.GY.DA	302	05.5116.14.1V	105	05.5141.14	114
05.4331.ZY.DA	298	05.4340.RY.1V	300	05.4347.OW.DA	301	05.4356.GY.NI	302	05.5116.14.CB	104	05.5141.14.1V	115
05.4331.ZY.NI	298	05.4340.RY.DA	300	05.4347.OW.NI	301	05.4356.OW	302	05.5116.14.DA	105	05.5141.14.CB	114
05.4332.GY	299	05.4340.RY.NI	300	05.4347.OW.RX	301	05.4356.OW.1V	302	05.5116.40	104	05.5141.14.DA	115
05.4332.GY.1V	299	05.4340.ZY	300	05.4347.OW.YU	301	05.4356.OW.78	302	05.5116.40.1V	105	05.5141.40	114
05.4332.GY.DA	299	05.4340.ZY.1V	300	05.4347.RY	301	05.4356.OW.CN	302	05.5116.40.CB	104	05.5141.40.1V	115
05.4332.GY.NI	299	05.4340.ZY.DA	300	05.4347.RY.1V	301	05.4356.OW.DA	302	05.5116.40.DA	105	05.5141.40.CB	114
05.4332.OW	299	05.4340.ZY.NI	300	05.4347.RY.DA	301	05.4356.OW.NI	302	05.5120.14	106	05.5141.40.DA	115
05.4332.OW.1V	299	05.4341.GY	300	05.4347.RY.NI	301	05.4356.OW.RX	302	05.5120.14.1V	107	05.5145.14	114
05.4332.OW.78	299	05.4341.GY.1V	300	05.4347.ZY	301	05.4356.OW.YU	302	05.5120.14.CB	106	05.5145.14.1V	115
05.4332.OW.CN	299	05.4341.GY.DA	300	05.4347.ZY.1V	301	05.4356.RY	302	05.5120.14.DA	107	05.5145.14.CB	114
05.4332.OW.DA	299	05.4341.GY.NI	300	05.4347.ZY.DA	301	05.4356.RY.1V	302	05.5120.40	106	05.5145.14.DA	115
05.4332.OW.NI	299	05.4341.OW	300	05.4347.ZY.NI	301	05.4356.RY.DA	302	05.5120.40.1V	107	05.5145.40	114
05.4332.OW.RX	299	05.4341.OW.1V	300	05.4350.GY	302	05.4356.RY.NI	302	05.5120.40.CB	106	05.5145.40.1V	115
05.4332.OW.YU	299	05.4341.OW.78	300	05.4350.GY.1V	302	05.4356.ZY	302	05.5120.40.DA	107	05.5145.40.CB	114
05.4332.RY	299	05.4341.OW.CN	300	05.4350.GY.DA	302	05.4356.ZY.1V	302	05.5121.14	106	05.5145.40.DA	115
05.4332.RY.1V	299	05.4341.OW.DA	300	05.4350.GY.NI	302	05.4356.ZY.DA	302	05.5121.14.1V	107	05.5146.14	114
05.4332.RY.DA	299	05.4341.OW.NI	300	05.4350.OW	302	05.4356.ZY.NI	302	05.5121.14.CB	106	05.5146.14.1V	115
05.4332.RY.NI	299	05.4341.OW.RX	300	05.4350.OW.1V	302	05.4357.GY	303	05.5121.14.DA	107	05.5146.14.CB	114
05.4332.ZY	299	05.4341.OW.YU	300	05.4350.OW.78	302	05.4357.GY.1V	303	05.5121.40	106	05.5146.14.DA	115
05.4332.ZY.1V	299	05.4341.RY	300	05.4350.OW.CN	302	05.4357.GY.DA	303	05.5121.40.1V	107	05.5146.40	114
05.4332.ZY.DA	299	05.4341.RY.1V	300	05.4350.OW.DA	302	05.4357.GY.NI	303	05.5121.40.CB	106	05.5146.40.1V	115
05.4332.ZY.NI	299	05.4341.RY.DA	300	05.4350.OW.NI	302	05.4357.OW	303	05.5121.40.DA	107	05.5146.40.CB	114
05.4335.GY	298	05.4341.RY.NI	300	05.4350.OW.RX	302	05.4357.OW.1V	303	05.5122.14	106	05.5146.40.DA	115
05.4335.GY.1V	298	05.4341.ZY	300	05.4350							



# QUICK SEARCH OF PRODUCT

Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
05.5151.40.CB	116	05.5182.14.1V	112	05.6206.40.CB	320	05.6220.40.C6	322	05.6232.40.78	323	05.6246.40	324
05.5151.40.DA	117	05.5182.14.DA	112	05.6206.40.DA	320	05.6220.40.CB	322	05.6232.40.C6	323	05.6246.40.78	324
05.5155.14	116	05.5182.40	112	05.6206.40.YU	320	05.6220.40.DA	322	05.6232.40.CB	323	05.6246.40.C6	324
05.5155.14.1V	117	05.5182.40.1V	112	05.6206.AP	320	05.6220.40.YU	322	05.6232.40.DA	323	05.6246.40.CB	324
05.5155.14.CB	116	05.5182.40.DA	112	05.6206.AP.CB	320	05.6220.AP	322	05.6232.40.YU	323	05.6246.40.DA	324
05.5155.14.DA	117	05.5185.14	113	05.6206.AP.DA	320	05.6220.AP.CB	322	05.6232.AP	323	05.6246.40.YU	324
05.5155.40	116	05.5185.14.1V	113	05.6207.14	320	05.6220.AP.DA	322	05.6232.AP.CB	323	05.6246.AP	324
05.5155.40.1V	117	05.5185.14.DA	113	05.6207.14.CB	320	05.6221.14	322	05.6232.AP.DA	323	05.6246.AP.CB	324
05.5155.40.CB	116	05.5185.40	113	05.6207.14.DA	320	05.6221.14.CB	322	05.6235.14	323	05.6246.AP.DA	324
05.5155.40.DA	117	05.5185.40.1V	113	05.6207.40	320	05.6221.14.DA	322	05.6235.14.CB	323	05.6247.14	324
05.5156.14	116	05.5185.40.DA	113	05.6207.40.78	320	05.6221.40	322	05.6235.14.DA	323	05.6247.14.CB	324
05.5156.14.1V	117	05.5186.14	113	05.6207.40.C6	320	05.6221.40.78	322	05.6235.40	323	05.6247.14.DA	324
05.5156.14.CB	116	05.5186.14.1V	113	05.6207.40.CB	320	05.6221.40.C6	322	05.6235.40.78	323	05.6247.40	324
05.5156.14.DA	117	05.5186.14.DA	113	05.6207.40.DA	320	05.6221.40.CB	322	05.6235.40.C6	323	05.6247.40.78	324
05.5156.40	116	05.5186.40	113	05.6207.40.YU	320	05.6221.40.DA	322	05.6235.40.CB	323	05.6247.40.C6	324
05.5156.40.1V	117	05.5186.40.1V	113	05.6207.AP	320	05.6221.40.YU	322	05.6235.40.DA	323	05.6247.40.CB	324
05.5156.40.CB	116	05.5186.40.DA	113	05.6207.AP.CB	320	05.6221.AP	322	05.6235.40.YU	323	05.6247.40.DA	324
05.5156.40.DA	117	05.5187.14	113	05.6207.AP.DA	320	05.6221.AP.CB	322	05.6235.AP	323	05.6247.40.YU	324
05.5160.14	118	05.5187.14.1V	113	05.6210.14	321	05.6221.AP.DA	322	05.6235.AP.CB	323	05.6247.AP	324
05.5160.14.1V	119	05.5187.14.DA	113	05.6210.14.CB	321	05.6222.14	322	05.6235.AP.DA	323	05.6247.AP.CB	324
05.5160.14.CB	118	05.5187.40	113	05.6210.14.DA	321	05.6222.14.CB	322	05.6236.14	323	05.6247.AP.DA	324
05.5160.14.DA	119	05.5187.40.1V	113	05.6210.40	321	05.6222.14.DA	322	05.6236.14.CB	323	05.6250.14	325
05.5160.40	118	05.5187.40.DA	113	05.6210.40.78	321	05.6222.40	322	05.6236.14.DA	323	05.6250.14.CB	325
05.5160.40.1V	119	05.5190.14	120	05.6210.40.C6	321	05.6222.40.78	322	05.6236.40	323	05.6250.14.DA	325
05.5160.40.CB	118	05.5190.14.1V	120	05.6210.40.CB	321	05.6222.40.C6	322	05.6236.40.78	323	05.6250.40	325
05.5160.40.DA	119	05.5190.14.DA	120	05.6210.40.DA	321	05.6222.40.CB	322	05.6236.40.C6	323	05.6250.40.78	325
05.5161.14	118	05.5191.14	120	05.6210.40.YU	321	05.6222.40.DA	322	05.6236.40.CB	323	05.6250.40.C6	325
05.5161.14.1V	119	05.5191.14.1V	120	05.6210.AP	321	05.6222.40.YU	322	05.6236.40.DA	323	05.6250.40.CB	325
05.5161.14.CB	118	05.5191.14.DA	120	05.6210.AP.CB	321	05.6222.AP	322	05.6236.40.YU	323	05.6250.40.DA	325
05.5161.14.DA	119	05.5192.14	120	05.6210.AP.DA	321	05.6222.AP.CB	322	05.6236.AP	323	05.6250.40.YU	325
05.5161.40	118	05.5192.14.1V	120	05.6211.14	321	05.6222.AP.DA	322	05.6236.AP.CB	323	05.6250.AP	325
05.5161.40.1V	119	05.5192.14.DA	120	05.6211.14.CB	321	05.6225.14	322	05.6236.AP.DA	323	05.6250.AP.CB	325
05.5161.40.CB	118	05.5193.14	120	05.6211.14.DA	321	05.6225.14.CB	322	05.6237.14	323	05.6250.AP.DA	325
05.5161.40.DA	119	05.5193.14.1V	120	05.6211.40	321	05.6225.14.DA	322	05.6237.14.CB	323	05.6251.14	325
05.5170.14	110	05.5193.14.DA	120	05.6211.40.78	321	05.6225.40	322	05.6237.14.DA	323	05.6251.14.CB	325
05.5170.14.1V	110	05.5194.14	120	05.6211.40.C6	321	05.6225.40.78	322	05.6237.40	323	05.6251.14.DA	325
05.5170.14.DA	110	05.5194.14.1V	120	05.6211.40.CB	321	05.6225.40.C6	322	05.6237.40.78	323	05.6251.40	325
05.5170.40	110	05.5194.14.DA	120	05.6211.40.DA	321	05.6225.40.CB	322	05.6237.40.C6	323	05.6251.40.78	325
05.5170.40.1V	110	05.5195.14	120	05.6211.40.YU	321	05.6225.40.DA	322	05.6237.40.CB	323	05.6251.40.C6	325
05.5170.40.DA	110	05.5195.14.1V	120	05.6211.AP	321	05.6225.40.YU	322	05.6237.40.DA	323	05.6251.40.CB	325
05.5171.14	110	05.5195.14.DA	120	05.6211.AP.CB	321	05.6225.AP	322	05.6237.40.YU	323	05.6251.40.DA	325
05.5171.14.1V	110	05.6200.14	320	05.6211.AP.DA	321	05.6225.AP.CB	322	05.6237.AP	323	05.6251.40.YU	325
05.5171.14.DA	110	05.6200.14.CB	320	05.6212.14	321	05.6225.AP.DA	322	05.6237.AP.CB	323	05.6251.AP	325
05.5171.40.1V	110	05.6200.14.DA	320	05.6212.14.CB	321	05.6226.14	322	05.6237.AP.DA	323	05.6251.AP.CB	325
05.5171.40.DA	110	05.6200.40.78	320	05.6212.14.DA	321	05.6226.14.CB	322	05.6240.14	324	05.6251.AP.DA	325
05.5172.14	110	05.6200.40.C6	320	05.6212.40.78	321	05.6226.14.DA	322	05.6240.14.CB	324	05.6252.14	325
05.5172.14.1V	110	05.6200.40.CB	320	05.6212.40.78	321	05.6226.40	322	05.6240.14.DA	324	05.6252.14.CB	325
05.5172.14.DA	110	05.6200.40.CB	320	05.6212.40.C6	321	05.6226.40.78	322	05.6240.40	324	05.6252.14.DA	325
05.5172.40	110	05.6200.40.DA	320	05.6212.40.CB	321	05.6226.40.C6	322	05.6240.40.78	324	05.6252.40	325
05.5172.40.1V	110	05.6200.40.YU	320	05.6212.40.DA	321	05.6226.40.CB	322	05.6240.40.C6	324	05.6252.40.78	325
05.5172.40.1V	110	05.6200.AP	320	05.6212.40.YU	321	05.6226.40.DA	322	05.6240.40.CB	324	05.6252.40.C6	325
05.5172.40.DA	110	05.6200.AP.CB	320	05.6212.AP	321	05.6226.40.YU	322	05.6240.40.DA	324	05.6252.40.CB	325
05.5173.14	110	05.6200.AP.DA	320	05.6212.AP.CB	321	05.6226.AP	322	05.6240.40.YU	324	05.6252.40.DA	325
05.5173.14.1V	110	05.6201.14	320	05.6212.AP.DA	321	05.6226.AP.CB	322	05.6240.AP	324	05.6252.40.YU	325
05.5173.14.DA	110	05.6201.14.CB	320	05.6215.14	321	05.6226.AP.DA	322	05.6240.AP.CB	324	05.6252.AP	325
05.5173.40	110	05.6201.14.DA	320	05.6215.14.CB	321	05.6227.14	322	05.6240.AP.DA	324	05.6252.AP.CB	325
05.5173.40.1V	110	05.6201.40	320	05.6215.14.DA	321	05.6227.14.CB	322	05.6241.14	324	05.6252.AP.DA	325
05.5173.40.DA	110	05.6201.40.78	320	05.6215.40	321	05.6227.14.DA	322	05.6241.14.CB	324	05.6255.14	325
05.5175.14	111	05.6201.40.C6	320	05.6215.40.78	321	05.6227.40	322	05.6241.14.DA	324	05.6255.14.CB	325
05.5175.14.1V	111	05.6201.40.CB	320	05.6215.40.C6	321	05.6227.40.78	322	05.6241.40	324	05.6255.14.DA	325
05.5175.14.DA	111	05.6201.40.DA	320	05.6215.40.CB	321	05.6227.40.C6	322	05.6241.40.78	324	05.6255.40	325
05.5175.40	111	05.6201.40.YU	320	05.6215.40.DA	321	05.6227.40.CB	322	05.6241.40.C6	324	05.6255.40.78	325
05.5175.40.1V	111	05.6201.AP	320	05.6215.40.78	321	05.6227.40.DA	322	05.6241.40.CB	324	05.6255.40.C6	325
05.5175.40.DA	111	05.6201.AP.CB	320	05.6215.AP	321	05.6227.40.YU	322	05.6241.40.DA	324	05.6255.40.CB	325
05.5176.14	111	05.6201.AP.DA	320	05.6215.AP.CB	321	05.6227.AP	322	05.6241.40.YU	324	05.6255.40.DA	325
05.5176.14.1V	111	05.6202.14	320	05.6215.AP.DA	321	05.6227.AP.CB	322	05.6241.AP	324	05.6255.40.YU	325
05.5176.14.DA	111	05.6202.14.CB	320	05.6216.14	321	05.6227.AP.DA	322	05.6241.AP.CB	324	05.6255.AP	325
05.5176.40	111	05.6202.14.DA	320	05.6216.14.CB	321	05.6230.14	323	05.6241.AP.DA	324	05.6255.AP.CB	325
05.5176.40.1V	111	05.6202.40	320	05.6216.14.DA	321	05.6230.14.CB	323	05.6242.14	324	05.6255.AP.DA	325
05.5176.40.DA	111	05.6202.40.78	320	05.6216.40	321	05.6230.14.DA	323	05.6242.14.CB	324	05.6256.14	325
05.5177.14	111	05.6202.40.C6	320	05.6216.40.78	321	05.6230.40	323	05.6242.14.DA	324	05.6256.14.CB	325
05.5177.14.1V	111	05.6202.40.CB	320	05.6216.40.C6	321	05.6230.40.78	323	05.6242.40	324	05.6256.14.DA	325
05.5177.14.DA	111	05.6202.40.DA	320	05.6216.40.CB	321	05.6230.40.C6	323	05.6242.40.78	324	05.6256.40	325
05.5177.40	111	05.6202.40.YU	320	05.6216.40.DA	321	05.6230.40.CB	323	05.6242.40.C6	324	05.6256.40.78	325
05.5177.40.1V	111	05.6202.AP	320	05.6216.40.YU	321	05.6230.40.DA	323	05.6242.40.CB	324	05.6256.40.C6	325
05.5177.40.DA	111	05.6202.AP.CB	320	05.6216.AP	321	05.6230.40.YU	323	05.6242.40.DA	324	05.6256.40.CB	325
05.5178.14	111	05.6202.AP.DA	320	05.6216.AP.CB	321	05.6230.AP	323	05.6242.40.YU	324	05.6256.40.DA	325
05.5178.14.1V	111	05.6205.14	320	05.6216.AP.DA	321	05.6230.AP.CB	323	05.6242.AP	324	05.6256.40.YU	325
05.5178.14.DA	111	05.6205.14.CB	320	05.6217.14	321	05.6230.AP.DA	323	05.6242.AP.CB	324	05.6256.AP	325
05.5178.40	111	05.6205.14.DA	320	05.6217.14.CB	321	05.6231.14	323	05.6242.AP.DA	324	05.6256.AP.CB	325
05.5178.40.1V	111	05.6205.40	320	05.6217.14.DA	321	05.6231.14.CB	323	05.6245.14	324	05.6256.AP.DA	325
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05.6260.14.DA	326	05.6272.14.CB	327	05.6290.14	329	05.6307.AP.DA	330	05.7017.EQ	581	05.7131.B1	548
05.6260.40	326	05.6272.14.DA	327	05.6290.14.DA	329	05.6310.14	331	05.7017.GL	581	05.7131.EQ	548
05.6260.40.78	326	05.6272.40	327	05.6290.40	329	05.6310.14.DA	331	05.7020.74	583	05.7131.GL	548
05.6260.40.C6	326	05.6272.40.78	327	05.6290.40.78	329	05.6310.40	331	05.7020.B1	583	05.7135.74	550
05.6260.40.CB	326	05.6272.40.C6	327	05.6290.40.DA	329	05.6310.40.78	331	05.7020.EQ	583	05.7135.B1	550
05.6260.40.DA	326	05.6272.40.CB	327	05.6290.40.YU	329	05.6310.40.DA	331	05.7020.GL	583	05.7135.EQ	550
05.6260.40.YU	326	05.6272.40.DA	327	05.6290.AP	329	05.6310.40.YU	331	05.7021.74	583	05.7135.GL	550
05.6260.AP	326	05.6272.40.YU	327	05.6290.AP.DA	329	05.6310.AP	331	05.7021.B1	583	05.7136.74	550
05.6260.AP.CB	326	05.6272.AP	327	05.6291.14	329	05.6310.AP.DA	331	05.7021.EQ	583	05.7136.B1	550
05.6260.AP.DA	326	05.6272.AP.CB	327	05.6291.14.DA	329	05.6311.14	331	05.7021.GL	583	05.7136.EQ	550
05.6261.14	326	05.6272.AP.DA	327	05.6291.40	329	05.6311.14.DA	331	05.7030.74	580	05.7136.GL	550
05.6261.14.CB	326	05.6275.14	327	05.6291.40.78	329	05.6311.40	331	05.7030.B1	580	05.7140.74	551
05.6261.14.DA	326	05.6275.14.CB	327	05.6291.40.DA	329	05.6311.40.78	331	05.7030.EQ	580	05.7140.B1	551
05.6261.40	326	05.6275.14.DA	327	05.6291.40.YU	329	05.6311.40.DA	331	05.7030.GL	580	05.7140.EQ	551
05.6261.40.78	326	05.6275.40	327	05.6291.AP	329	05.6311.40.YU	331	05.7031.74	580	05.7140.GL	551
05.6261.40.C6	326	05.6275.40.78	327	05.6291.AP.DA	329	05.6311.AP	331	05.7031.B1	580	05.7141.74	551
05.6261.40.CB	326	05.6275.40.C6	327	05.6292.14	329	05.6311.AP.DA	331	05.7031.EQ	580	05.7141.B1	551
05.6261.40.DA	326	05.6275.40.CB	327	05.6292.14.DA	329	05.6312.14	331	05.7031.GL	580	05.7141.EQ	551
05.6261.40.YU	326	05.6275.40.DA	327	05.6292.40	329	05.6312.14.DA	331	05.7035.74	582	05.7141.GL	551
05.6261.AP	326	05.6275.40.YU	327	05.6292.40.78	329	05.6312.40	331	05.7035.B1	582	05.7150.74	552
05.6261.AP.CB	326	05.6275.AP	327	05.6292.40.DA	329	05.6312.40.78	331	05.7035.EQ	582	05.7150.B1	552
05.6261.AP.DA	326	05.6275.AP.CB	327	05.6292.40.YU	329	05.6312.40.DA	331	05.7035.GL	582	05.7150.EQ	552
05.6262.14	326	05.6275.AP.DA	327	05.6292.AP	329	05.6312.40.YU	331	05.7036.74	582	05.7150.GL	552
05.6262.14.CB	326	05.6276.14	327	05.6292.AP.DA	329	05.6312.AP	331	05.7036.B1	582	05.7151.74	552
05.6262.14.DA	326	05.6276.14.CB	327	05.6295.14	329	05.6312.AP.DA	331	05.7036.EQ	582	05.7151.B1	552
05.6262.40	326	05.6276.14.DA	327	05.6295.14.DA	329	05.6315.14	331	05.7036.GL	582	05.7151.EQ	552
05.6262.40.78	326	05.6276.40	327	05.6295.40	329	05.6315.14.DA	331	05.7040.74	584	05.7151.GL	552
05.6262.40.C6	326	05.6276.40.78	327	05.6295.40.78	329	05.6315.40	331	05.7040.B1	584	05.7152.74	552
05.6262.40.CB	326	05.6276.40.C6	327	05.6295.40.DA	329	05.6315.40.78	331	05.7040.EQ	584	05.7152.B1	552
05.6262.40.DA	326	05.6276.40.CB	327	05.6295.40.YU	329	05.6315.40.DA	331	05.7040.GL	584	05.7152.EQ	552
05.6262.40.YU	326	05.6276.40.DA	327	05.6295.AP	329	05.6315.40.YU	331	05.7041.74	584	05.7152.GL	552
05.6262.AP	326	05.6276.40.YU	327	05.6295.AP.DA	329	05.6315.AP	331	05.7041.B1	584	05.7155.74	552
05.6262.AP.CB	326	05.6276.AP	327	05.6296.14	329	05.6315.AP.DA	331	05.7041.EQ	584	05.7155.B1	552
05.6262.AP.DA	326	05.6276.AP.CB	327	05.6296.14.DA	329	05.6316.14	331	05.7041.GL	584	05.7155.EQ	552
05.6265.14	326	05.6276.AP.DA	327	05.6296.40	329	05.6316.14.DA	331	05.7100.74	546	05.7155.GL	552
05.6265.14.CB	326	05.6277.14	327	05.6296.40.78	329	05.6316.40	331	05.7100.B1	546	05.7156.74	552
05.6265.14.DA	326	05.6277.14.CB	327	05.6296.40.DA	329	05.6316.40.78	331	05.7100.EQ	546	05.7156.B1	552
05.6265.40	326	05.6277.14.DA	327	05.6296.40.YU	329	05.6316.40.DA	331	05.7100.GL	546	05.7156.EQ	552
05.6265.40.78	326	05.6277.40	327	05.6296.AP	329	05.6316.40.YU	331	05.7101.74	546	05.7156.GL	552
05.6265.40.C6	326	05.6277.40.78	327	05.6296.AP.DA	329	05.6316.AP	331	05.7101.B1	546	05.7157.74	552
05.6265.40.CB	326	05.6277.40.C6	327	05.6297.14	329	05.6316.AP.DA	331	05.7101.EQ	546	05.7157.B1	552
05.6265.40.DA	326	05.6277.40.CB	327	05.6297.14.DA	329	05.6317.14	331	05.7101.GL	546	05.7157.EQ	552
05.6265.40.YU	326	05.6277.40.DA	327	05.6297.40	329	05.6317.14.DA	331	05.7102.74	546	05.7157.GL	552
05.6265.AP	326	05.6277.40.YU	327	05.6297.40.78	329	05.6317.40	331	05.7102.B1	546	05.7200.74	558
05.6265.AP.CB	326	05.6277.AP	327	05.6297.40.DA	329	05.6317.40.78	331	05.7102.EQ	546	05.7200.B1	558
05.6265.AP.DA	326	05.6277.AP.CB	327	05.6297.40.YU	329	05.6317.40.DA	331	05.7102.GL	546	05.7200.EQ	558
05.6266.14	326	05.6277.AP.DA	327	05.6297.AP	329	05.6317.40.YU	331	05.7105.74	546	05.7200.GL	558
05.6266.14.CB	326	05.6280.14	328	05.6297.AP.DA	329	05.6317.AP	331	05.7105.B1	546	05.7201.74	558
05.6266.14.DA	326	05.6280.14.DA	328	05.6300.14	330	05.6317.AP.DA	331	05.7105.EQ	546	05.7201.B1	558
05.6266.40	326	05.6280.40	328	05.6300.14.DA	330	05.7000.74	579	05.7105.GL	546	05.7201.EQ	558
05.6266.40.78	326	05.6280.40.78	328	05.6300.40	330	05.7000.B1	579	05.7106.74	546	05.7201.GL	558
05.6266.40.C6	326	05.6280.40.DA	328	05.6300.40.78	330	05.7000.EQ	579	05.7106.B1	546	05.7202.74	558
05.6266.40.CB	326	05.6280.40.YU	328	05.6300.40.DA	330	05.7000.GL	579	05.7106.EQ	546	05.7202.B1	558
05.6266.40.DA	326	05.6280.AP	328	05.6300.40.YU	330	05.7001.74	579	05.7106.GL	546	05.7202.EQ	558
05.6266.40.YU	326	05.6280.AP.DA	328	05.6300.AP	330	05.7001.B1	579	05.7107.74	546	05.7202.GL	558
05.6266.AP	326	05.6281.14	328	05.6300.AP.DA	330	05.7001.EQ	579	05.7107.B1	546	05.7205.74	558
05.6266.AP.CB	326	05.6281.14.DA	328	05.6301.14	330	05.7001.GL	579	05.7107.EQ	546	05.7205.B1	558
05.6266.AP.DA	326	05.6281.40	328	05.6301.14.DA	330	05.7002.74	579	05.7107.GL	546	05.7205.EQ	558
05.6267.14	326	05.6281.40.78	328	05.6301.40	330	05.7002.B1	579	05.7110.74	549	05.7205.GL	558
05.6267.14.CB	326	05.6281.40.DA	328	05.6301.40.78	330	05.7002.EQ	579	05.7110.B1	549	05.7206.74	558
05.6267.14.DA	326	05.6281.40.YU	328	05.6301.40.DA	330	05.7002.GL	579	05.7110.EQ	549	05.7206.B1	558
05.6267.40	326	05.6281.AP	328	05.6301.40.YU	330	05.7005.74	579	05.7110.GL	549	05.7206.EQ	558
05.6267.40.78	326	05.6281.AP.DA	328	05.6301.AP	330	05.7005.B1	579	05.7111.74	549	05.7206.GL	558
05.6267.40.C6	326	05.6282.14	328	05.6301.AP.DA	330	05.7005.EQ	579	05.7111.B1	549	05.7207.74	558
05.6267.40.CB	326	05.6282.14.DA	328	05.6302.14	330	05.7005.GL	579	05.7111.EQ	549	05.7207.B1	558
05.6267.40.DA	326	05.6282.40	328	05.6302.14.DA	330	05.7006.74	579	05.7111.GL	549	05.7207.EQ	558
05.6267.40.YU	326	05.6282.40.78	328	05.6302.40	330	05.7006.B1	579	05.7112.74	549	05.7207.GL	558
05.6267.AP	326	05.6282.40.DA	328	05.6302.40.78	330	05.7006.EQ	579	05.7112.B1	549	05.7210.74	559
05.6267.AP.CB	326	05.6282.40.YU	328	05.6302.40.DA	330	05.7006.GL	579	05.7112.EQ	549	05.7210.B1	559
05.6267.AP.DA	326	05.6282.AP	328	05.6302.40.YU	330	05.7007.74	579	05.7112.GL	549	05.7210.EQ	559
05.6270.14	327	05.6282.AP.DA	328	05.6302.AP	330	05.7007.B1	579	05.7115.74	549	05.7210.GL	559
05.6270.14.CB	327	05.6285.14	328	05.6302.AP.DA	330	05.7007.EQ	579	05.7115.B1	549	05.7211.74	559
05.6270.14.DA	327	05.6285.14.DA	328	05.6305.14	330	05.7007.GL	579	05.7115.EQ	549	05.7211.B1	559
05.6270.40	327	05.6285.40	328	05.6305.14.DA	330	05.7010.74	581	05.7115.GL	549	05.7211.EQ	559
05.6270.40.78	327	05.6285.40.78	328	05.6305.40	330	05.7010.B1	581	05.7116.74	549	05.7211.GL	559
05.6270.40.C6	327	05.6285.40.DA	328	05.6305.40.78	330	05.7010.EQ	581	05.7116.B1	549	05.7212.74	559
05.6270.40.CB	327	05.6285.40.YU	328	05.6305.40.DA	330	05.7010.GL	581	05.7116.EQ	549	05.7212.B1	559
05.6270.40.DA	327	05.6285.AP	328	05.6305.40.YU	330	05.7011.74	581	05.7116.GL	549	05.7212.EQ	559
05.6270.40.YU	327	05.6285.AP.DA	328	05.6305.AP	330	05.7011.B1	581	05.7117.74	549	05.7212.GL	559
05.6270.AP	327	05.6286.14	328	05.6305.AP.DA	330	05.7011.EQ	581	05.7117.B1	549	05.7215.74	559
05.6270.AP.CB	327	05.6286.14.DA	328	05.6306.14	330	05.7011.GL	581	05.7117.EQ	549	05.7215.B1	559
05.6270.AP.DA	327	05.6286.40	328	05.6306.14.DA	330	05.7012.74	581	05.7117.GL	549	05.7215.EQ	559
05.6271.14	327	05.6286.40.78	328	05.6306.40	330	05.7012.B1	581	05.7120.74	551	05.7215.GL	559
05.6271.14.CB	327	05.6286.40.DA	328	05.6306.40.78	330	05.7012.EQ	581	05.7120.B1	551	05.7216.74	559
05.6271.14.DA	327	05.6286.40.YU	328	05.6306.40.DA	330	05.7012.GL	581	05.712			

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05.7301.74	525	05.7412.GL	531	05.7444.EQ	571	05.7605.B1	554	05.7635.74	556	05.8103.40	494
05.7301.B1	525	05.7413.74	531	05.7444.GL	571	05.7605.EQ	554	05.7635.B1	556	05.8105.14	496
05.7301.EQ	525	05.7413.B1	531	05.7445.74	571	05.7605.GL	554	05.7635.EQ	556	05.8105.40	496
05.7301.GL	525	05.7413.EQ	531	05.7445.B1	571	05.7606.74	554	05.7635.GL	556	05.8106.14	496
05.7302.74	525	05.7413.GL	531	05.7445.EQ	571	05.7606.B1	554	05.7636.74	556	05.8106.40	496
05.7302.B1	525	05.7414.74	535	05.7445.GL	571	05.7606.EQ	554	05.7636.B1	556	05.8107.14	496
05.7302.EQ	525	05.7414.B1	535	05.7446.74	561	05.7606.GL	554	05.7636.EQ	556	05.8107.40	496
05.7302.GL	525	05.7414.EQ	535	05.7446.B1	561	05.7607.74	555	05.7636.GL	556	05.8108.14	496
05.7305.74	525	05.7414.GL	535	05.7446.EQ	561	05.7607.B1	555	05.7637.74	557	05.8108.40	496
05.7305.B1	525	05.7415.74	535	05.7446.GL	561	05.7607.EQ	555	05.7637.B1	557	05.8110.14	498
05.7305.EQ	525	05.7415.B1	535	05.7447.74	561	05.7607.GL	555	05.7637.EQ	557	05.8110.40	498
05.7305.GL	525	05.7415.EQ	535	05.7447.B1	561	05.7608.74	555	05.7637.GL	557	05.8111.14	498
05.7306.74	525	05.7415.GL	535	05.7447.EQ	561	05.7608.B1	555	05.7638.74	557	05.8111.40	498
05.7306.B1	525	05.7416.74	538	05.7447.GL	561	05.7608.EQ	555	05.7638.B1	557	05.8112.14	498
05.7306.EQ	525	05.7416.B1	538	05.7450.74	528	05.7608.GL	555	05.7638.EQ	557	05.8112.40	498
05.7306.GL	525	05.7416.EQ	538	05.7450.B1	528	05.7610.74	556	05.7638.GL	557	05.8113.14	498
05.7307.74	525	05.7416.GL	538	05.7450.EQ	528	05.7610.B1	556	05.8000.14	486	05.8113.40	498
05.7307.B1	525	05.7417.74	538	05.7450.GL	528	05.7610.EQ	556	05.8000.40	486	05.8120.14	494
05.7307.EQ	525	05.7417.B1	538	05.7451.74	528	05.7610.GL	556	05.8001.14	486	05.8120.40	494
05.7307.GL	525	05.7417.EQ	538	05.7451.B1	528	05.7611.74	556	05.8001.40	486	05.8121.14	494
05.7310.74	526	05.7417.GL	538	05.7451.EQ	528	05.7611.B1	556	05.8002.14	486	05.8121.40	494
05.7310.B1	526	05.7420.74	541	05.7451.GL	528	05.7611.EQ	556	05.8002.40	486	05.8122.14	494
05.7310.EQ	526	05.7420.B1	541	05.7452.74	528	05.7611.GL	556	05.8003.14	487	05.8122.40	494
05.7310.GL	526	05.7420.EQ	541	05.7452.B1	528	05.7612.74	557	05.8003.40	487	05.8123.14	494
05.7311.74	526	05.7420.GL	541	05.7452.EQ	528	05.7612.B1	557	05.8004.14	487	05.8123.40	494
05.7311.B1	526	05.7421.74	541	05.7452.GL	528	05.7612.EQ	557	05.8004.40	487	05.8125.14	496
05.7311.EQ	526	05.7421.B1	541	05.7453.74	528	05.7612.GL	557	05.8005.14	487	05.8125.40	496
05.7311.GL	526	05.7421.EQ	541	05.7453.B1	528	05.7613.74	557	05.8005.40	487	05.8126.14	496
05.7312.74	526	05.7421.GL	541	05.7453.EQ	528	05.7613.B1	557	05.8006.14	488	05.8126.40	496
05.7312.B1	526	05.7422.74	543	05.7453.GL	528	05.7613.EQ	557	05.8006.40	488	05.8127.14	496
05.7312.EQ	526	05.7422.B1	543	05.7454.74	531	05.7613.GL	557	05.8007.14	488	05.8127.40	496
05.7312.GL	526	05.7422.EQ	543	05.7454.B1	531	05.7615.74	556	05.8007.40	488	05.8128.14	496
05.7315.74	526	05.7422.GL	543	05.7454.EQ	531	05.7615.B1	556	05.8008.14	488	05.8128.40	496
05.7315.B1	526	05.7423.74	543	05.7454.GL	531	05.7615.EQ	556	05.8008.40	488	05.8130.14	498
05.7315.EQ	526	05.7423.B1	543	05.7455.74	531	05.7615.GL	556	05.8010.14	486	05.8130.40	498
05.7315.GL	526	05.7423.EQ	543	05.7455.B1	531	05.7616.74	556	05.8010.40	486	05.8131.14	498
05.7316.74	526	05.7423.GL	543	05.7455.EQ	531	05.7616.B1	556	05.8011.14	486	05.8131.40	498
05.7316.B1	526	05.7430.74	561	05.7455.GL	531	05.7616.EQ	556	05.8011.40	486	05.8132.14	498
05.7316.EQ	526	05.7430.B1	561	05.7456.74	531	05.7616.GL	556	05.8012.14	486	05.8132.40	498
05.7316.GL	526	05.7430.EQ	561	05.7456.B1	531	05.7617.74	557	05.8012.40	486	05.8133.14	498
05.7317.74	526	05.7430.GL	561	05.7456.EQ	531	05.7617.B1	557	05.8013.14	487	05.8133.40	498
05.7317.B1	526	05.7431.74	561	05.7456.GL	531	05.7617.EQ	557	05.8013.40	487	05.8140.14	500
05.7317.EQ	526	05.7431.B1	561	05.7457.74	531	05.7617.GL	557	05.8014.14	487	05.8140.40	500
05.7317.GL	526	05.7431.EQ	561	05.7457.B1	531	05.7618.74	557	05.8014.40	487	05.8141.14	500
05.7400.74	568	05.7431.GL	561	05.7457.EQ	531	05.7618.B1	557	05.8015.14	487	05.8141.40	500
05.7400.B1	568	05.7432.74	564	05.7457.GL	531	05.7618.EQ	557	05.8015.40	487	05.8142.14	500
05.7400.EQ	568	05.7432.B1	564	05.7458.74	535	05.7618.GL	557	05.8016.14	488	05.8142.40	500
05.7400.GL	568	05.7432.EQ	564	05.7458.B1	535	05.7620.74	554	05.8016.40	488	05.8143.14	500
05.7401.74	568	05.7432.GL	564	05.7458.EQ	535	05.7620.B1	554	05.8017.14	488	05.8143.40	500
05.7401.B1	568	05.7433.74	564	05.7458.GL	535	05.7620.EQ	554	05.8017.40	488	05.8145.14	502
05.7401.EQ	568	05.7433.B1	564	05.7459.74	535	05.7620.GL	554	05.8018.14	488	05.8145.40	502
05.7401.GL	568	05.7433.EQ	564	05.7459.B1	535	05.7621.74	554	05.8018.40	488	05.8146.14	502
05.7402.74	568	05.7433.GL	564	05.7459.EQ	535	05.7621.B1	554	05.8020.14	489	05.8146.40	502
05.7402.B1	568	05.7434.74	574	05.7459.GL	535	05.7621.EQ	554	05.8020.40	489	05.8147.14	502
05.7402.EQ	568	05.7434.B1	574	05.7460.74	535	05.7621.GL	554	05.8021.14	489	05.8147.40	502
05.7402.GL	568	05.7434.EQ	574	05.7460.B1	535	05.7622.74	555	05.8021.40	489	05.8148.14	502
05.7403.74	568	05.7434.GL	574	05.7460.EQ	535	05.7622.B1	555	05.8022.14	489	05.8148.40	502
05.7403.B1	568	05.7435.74	574	05.7460.GL	535	05.7622.EQ	555	05.8022.40	489	05.8150.14	504
05.7403.EQ	568	05.7435.B1	574	05.7461.74	535	05.7622.GL	555	05.8023.14	490	05.8150.40	504
05.7403.GL	568	05.7435.EQ	574	05.7461.B1	535	05.7623.74	555	05.8023.40	490	05.8151.14	504
05.7404.74	568	05.7435.GL	574	05.7461.EQ	535	05.7623.B1	555	05.8024.14	490	05.8151.40	504
05.7404.B1	568	05.7436.74	576	05.7461.GL	535	05.7623.EQ	555	05.8024.40	490	05.8152.14	504
05.7404.EQ	568	05.7436.B1	576	05.7462.74	538	05.7623.GL	555	05.8025.14	490	05.8152.40	504
05.7404.GL	568	05.7436.EQ	576	05.7462.B1	538	05.7625.74	554	05.8025.40	490	05.8153.14	504
05.7405.74	568	05.7436.GL	576	05.7462.EQ	538	05.7625.B1	554	05.8026.14	491	05.8153.40	504
05.7405.B1	568	05.7437.74	576	05.7462.GL	538	05.7625.EQ	554	05.8026.40	491	05.8160.14	500
05.7405.EQ	568	05.7437.B1	576	05.7463.74	538	05.7625.GL	554	05.8027.14	491	05.8160.40	500
05.7405.GL	568	05.7437.EQ	576	05.7463.B1	538	05.7626.74	554	05.8027.40	491	05.8161.14	500
05.7406.74	564	05.7437.GL	576	05.7463.EQ	538	05.7626.B1	554	05.8028.14	491	05.8161.40	500
05.7406.B1	564	05.7438.74	571	05.7463.GL	538	05.7626.EQ	554	05.8028.40	491	05.8162.14	500
05.7406.EQ	564	05.7438.B1	571	05.7464.74	538	05.7626.GL	554	05.8030.14	489	05.8162.40	500
05.7406.GL	564	05.7438.EQ	571	05.7464.B1	538	05.7627.74	555	05.8030.40	489	05.8163.14	500
05.7407.74	564	05.7438.GL	571	05.7464.EQ	538	05.7627.B1	555	05.8031.14	489	05.8163.40	500
05.7407.B1	564	05.7439.74	571	05.7464.GL	538	05.7627.EQ	555	05.8031.40	489	05.8165.14	502
05.7407.EQ	564	05.7439.B1	571	05.7465.74	538	05.7627.GL	555	05.8032.14	489	05.8165.40	502
05.7407.GL	564	05.7439.EQ	571	05.7465.B1	538	05.7628.74	555	05.8032.40	489	05.8166.14	502
05.7408.74	564	05.7439.GL	571	05.7465.EQ	538	05.7628.B1	555	05.8033.14	490	05.8166.40	502
05.7408.B1	564	05.7440.74	561	05.7465.GL	538	05.7628.EQ	555	05.8033.40	490	05.8167.14	502
05.7408.EQ	564	05.7440.B1	561	05.7600.74	554	05.7628.GL	555	05.8034.14	490	05.8167.40	502
05.7408.GL	564	05.7440.EQ	561	05.7600.B1	554	05.7630.74	556	05.8034.40	490	05.8168.14	502
05.7409.74	564	05.7440.GL	561	05.7600.EQ	554	05.7630.B1	556	05.8035.14	490	05.8168.40	502
05.7409.B1	564	05.7441.74	561	05.7600.GL	554	05.7630.EQ	556	05.8035.40	490	05.8170.14	504
05.7409.EQ	564	05.7441.B1	561	05.7601.74	554	05.7630.GL	556	05.8036.14	491	05.8170.40	504
05.7409.GL	564	05.7441.EQ	561	05.7601.B1	554	05.7631.74	556	05.8036.40	491	05.8171.14	504
05.7410.74	528	05.7441.GL	561	05.7601.EQ	554	05.7631.B1	556	05.8037.14	491	05.8171.40	504
05.7410.B1	528	05.7442.74	571	05.7601.GL	554	05.7631.EQ	556	05.8037.40	491	05.8172.14	504
05.7410.EQ	528	05.7442.B1	571	05.7602.74	555	05.7631.GL	556	05.8038.14	491	05.8172.40	504
05.7410.GL	528	05.7442.EQ	571	05.7602.B1	555	05.7632.74	557	05.8038.40	491	05.8173.14	504</

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05.8203.14	497	05.8307.40.CB	506	05.9000.ER.CB	54	05.9003.14.1V	227	05.9006.EQ.1V	54	05.9008.ES	227
05.8203.40	497	05.8307.40.DA	506	05.9000.ER.CB	226	05.9003.14.CB	55	05.9006.EQ.1V	226	05.9008.ES.1V	55
05.8204.14	497	05.8307.40.NI	506	05.9000.ER.DA	54	05.9003.14.CB	227	05.9006.EQ.CB	54	05.9008.ES.1V	227
05.8204.40	497	05.8311.14.1V	507	05.9000.ER.DA	226	05.9003.14.DA	55	05.9006.EQ.CB	226	05.9008.ES.CB	55
05.8205.14	497	05.8311.14.CB	507	05.9000.ES	54	05.9003.14.DA	227	05.9006.EQ.DA	54	05.9008.ES.CB	227
05.8205.40	497	05.8311.14.DA	507	05.9000.ES	226	05.9003.40	55	05.9006.EQ.DA	226	05.9008.ES.DA	55
05.8206.14	499	05.8311.14.NI	507	05.9000.ES.1V	54	05.9003.40	227	05.9006.ER	54	05.9008.ES.DA	227
05.8206.40	499	05.8311.40.1V	507	05.9000.ES.1V	226	05.9003.40.1V	55	05.9006.ER	226	05.9030.14	56
05.8207.14	499	05.8311.40.CB	507	05.9000.ES.CB	54	05.9003.40.1V	227	05.9006.ER.1V	54	05.9030.14	228
05.8207.40	499	05.8311.40.DA	507	05.9000.ES.CB	226	05.9003.40.CB	55	05.9006.ER.1V	226	05.9030.14.1V	56
05.8208.14	499	05.8311.40.NI	507	05.9000.ES.DA	54	05.9003.40.CB	227	05.9006.ER.CB	54	05.9030.14.1V	228
05.8208.40	499	05.8312.14.1V	507	05.9000.ES.DA	226	05.9003.40.DA	55	05.9006.ER.CB	226	05.9030.14.CB	56
05.8210.14	495	05.8312.14.CB	507	05.9001.14	54	05.9003.40.DA	227	05.9006.ER.DA	54	05.9030.14.CB	228
05.8210.40	495	05.8312.14.DA	507	05.9001.14	226	05.9003.EQ	55	05.9006.ER.DA	226	05.9030.14.DA	56
05.8211.14	495	05.8312.14.NI	507	05.9001.14.1V	54	05.9003.EQ	227	05.9006.ES	54	05.9030.14.DA	228
05.8211.40	495	05.8312.40.1V	507	05.9001.14.1V	226	05.9003.EQ.1V	55	05.9006.ES	226	05.9030.40	56
05.8212.14	495	05.8312.40.CB	507	05.9001.14.CB	54	05.9003.EQ.1V	227	05.9006.ES.1V	54	05.9030.40	228
05.8212.40	495	05.8312.40.DA	507	05.9001.14.CB	226	05.9003.EQ.CB	55	05.9006.ES.1V	226	05.9030.40.1V	56
05.8213.14	497	05.8312.40.NI	507	05.9001.14.DA	54	05.9003.EQ.CB	227	05.9006.ES.CB	54	05.9030.40.1V	228
05.8213.40	497	05.8341.14.1V	508	05.9001.14.DA	226	05.9003.EQ.DA	55	05.9006.ES.CB	226	05.9030.40.CB	56
05.8214.14	497	05.8341.14.CB	508	05.9001.40	54	05.9003.EQ.DA	227	05.9006.ES.DA	54	05.9030.40.CB	228
05.8214.40	497	05.8341.14.DA	508	05.9001.40	226	05.9003.EQ.DA	55	05.9006.ES.DA	226	05.9030.40.DA	56
05.8215.14	497	05.8341.14.NI	508	05.9001.40.1V	54	05.9003.ER	227	05.9007.14	55	05.9030.40.DA	228
05.8215.40	497	05.8341.40.1V	508	05.9001.40.1V	226	05.9003.ER.1V	55	05.9007.14	227	05.9030.EQ	56
05.8216.14	499	05.8341.40.CB	508	05.9001.40.CB	54	05.9003.ER.1V	227	05.9007.14.1V	55	05.9030.EQ	228
05.8216.40	499	05.8341.40.DA	508	05.9001.40.CB	226	05.9003.ER.CB	55	05.9007.14.1V	227	05.9030.EQ.1V	56
05.8217.14	499	05.8341.40.NI	508	05.9001.40.DA	54	05.9003.ER.CB	227	05.9007.14.CB	55	05.9030.EQ.1V	228
05.8217.40	499	05.8342.14.1V	508	05.9001.40.DA	226	05.9003.ER.DA	55	05.9007.14.CB	227	05.9030.EQ.CB	56
05.8218.14	499	05.8342.14.CB	508	05.9001.EQ	54	05.9003.ER.DA	227	05.9007.14.DA	55	05.9030.EQ.CB	228
05.8218.40	499	05.8342.14.DA	508	05.9001.EQ	226	05.9003.ES	55	05.9007.14.DA	227	05.9030.EQ.DA	56
05.8220.14	501	05.8342.14.NI	508	05.9001.EQ.1V	54	05.9003.ES	227	05.9007.40	55	05.9030.EQ.DA	228
05.8220.40	501	05.8342.40.1V	508	05.9001.EQ.1V	226	05.9003.ES.1V	55	05.9007.40	227	05.9030.ER	56
05.8221.14	501	05.8342.40.CB	508	05.9001.EQ.CB	54	05.9003.ES.1V	227	05.9007.40.1V	55	05.9030.ER	228
05.8221.40	501	05.8342.40.DA	508	05.9001.EQ.CB	226	05.9003.ES.CB	55	05.9007.40.1V	227	05.9030.ER.1V	56
05.8222.14	501	05.8342.40.NI	508	05.9001.EQ.DA	54	05.9003.ES.CB	227	05.9007.40.CB	55	05.9030.ER.1V	228
05.8222.40	501	05.8346.14.1V	508	05.9001.EQ.DA	226	05.9003.ES.DA	55	05.9007.40.CB	227	05.9030.ER.CB	56
05.8223.14	503	05.8346.14.CB	508	05.9001.ER	54	05.9003.ES.DA	227	05.9007.40.DA	55	05.9030.ER.CB	228
05.8223.40	503	05.8346.14.DA	508	05.9001.ER	226	05.9003.ES.DA	54	05.9007.40.DA	227	05.9030.ER.DA	56
05.8224.14	503	05.8346.14.NI	508	05.9001.ER.1V	54	05.9005.14	226	05.9007.EQ	55	05.9030.ER.DA	228
05.8224.40	503	05.8346.40.1V	508	05.9001.ER.1V	226	05.9005.14.1V	54	05.9007.EQ	227	05.9030.ES	56
05.8225.14	503	05.8346.40.CB	508	05.9001.ER.CB	54	05.9005.14.1V	226	05.9007.EQ.1V	55	05.9030.ES	228
05.8225.40	503	05.8346.40.DA	508	05.9001.ER.CB	226	05.9005.14.CB	54	05.9007.EQ.1V	227	05.9030.ES.1V	56
05.8226.14	505	05.8346.40.NI	508	05.9001.ER.DA	54	05.9005.14.CB	226	05.9007.EQ.CB	55	05.9030.ES.1V	228
05.8226.40	505	05.8347.14.1V	508	05.9001.ER.DA	226	05.9005.14.DA	54	05.9007.EQ.CB	227	05.9030.ES.CB	56
05.8227.14	505	05.8347.14.CB	508	05.9001.ES	54	05.9005.14.DA	226	05.9007.EQ.DA	55	05.9030.ES.CB	228
05.8227.40	505	05.8347.14.DA	508	05.9001.ES	226	05.9005.40	54	05.9007.EQ.DA	227	05.9030.ES.DA	56
05.8228.14	505	05.8347.14.NI	508	05.9001.ES.1V	54	05.9005.40	226	05.9007.ER	55	05.9030.ES.DA	228
05.8228.40	505	05.8347.40.1V	508	05.9001.ES.1V	226	05.9005.40.1V	54	05.9007.ER	227	05.9031.14	56
05.8230.14	501	05.8347.40.CB	508	05.9001.ES.CB	54	05.9005.40.1V	226	05.9007.ER.1V	55	05.9031.14	228
05.8230.40	501	05.8347.40.DA	508	05.9001.ES.CB	226	05.9005.40.CB	54	05.9007.ER.1V	227	05.9031.14.1V	56
05.8231.14	501	05.8347.40.NI	508	05.9001.ES.DA	54	05.9005.40.CB	226	05.9007.ER.CB	55	05.9031.14.1V	228
05.8231.40	501	05.8351.14.1V	509	05.9001.ES.DA	226	05.9005.40.DA	54	05.9007.ER.CB	227	05.9031.14.CB	56
05.8232.14	501	05.8351.14.CB	509	05.9002.14	55	05.9005.40.DA	226	05.9007.ER.DA	55	05.9031.14.CB	228
05.8232.40	501	05.8351.14.DA	509	05.9002.14	227	05.9005.EQ	54	05.9007.ER.DA	227	05.9031.14.DA	56
05.8233.14	503	05.8351.14.NI	509	05.9002.14.1V	55	05.9005.EQ	226	05.9007.ES	55	05.9031.14.DA	228
05.8233.40	503	05.8351.40.1V	509	05.9002.14.1V	227	05.9005.EQ.1V	54	05.9007.ES	227	05.9031.40	56
05.8234.14	503	05.8351.40.CB	509	05.9002.14.CB	55	05.9005.EQ.1V	226	05.9007.ES.1V	55	05.9031.40	228
05.8234.40	503	05.8351.40.DA	509	05.9002.14.CB	227	05.9005.EQ.CB	54	05.9007.ES.1V	227	05.9031.40.1V	56
05.8235.14	503	05.8351.40.NI	509	05.9002.14.DA	55	05.9005.EQ.CB	226	05.9007.ES.CB	55	05.9031.40.1V	228
05.8235.40	503	05.8352.14.1V	509	05.9002.14.DA	227	05.9005.EQ.DA	54	05.9007.ES.CB	227	05.9031.40.CB	56
05.8236.14	505	05.8352.14.CB	509	05.9002.40	55	05.9005.EQ.DA	226	05.9007.ES.DA	55	05.9031.40.CB	228
05.8236.40	505	05.8352.14.DA	509	05.9002.40	227	05.9005.ER	54	05.9007.ES.DA	227	05.9031.40.DA	56
05.8237.14	505	05.8352.14.NI	509	05.9002.40.1V	55	05.9005.ER	226	05.9008.14	55	05.9031.40.DA	228
05.8237.40	505	05.8352.40.1V	509	05.9002.40.1V	227	05.9005.ER.1V	54	05.9008.14	227	05.9031.EQ	56
05.8238.14	505	05.8352.40.CB	509	05.9002.40.CB	55	05.9005.ER.1V	226	05.9008.14.1V	55	05.9031.EQ	228
05.8238.40	505	05.8352.40.DA	509	05.9002.40.CB	227	05.9005.ER.CB	54	05.9008.14.1V	227	05.9031.EQ.1V	56
05.8301.14.1V	506	05.8352.40.NI	509	05.9002.40.DA	55	05.9005.ER.CB	226	05.9008.14.CB	55	05.9031.EQ.1V	228
05.8301.14.CB	506	05.9000.14	54	05.9002.40.DA	227	05.9005.ER.DA	54	05.9008.14.CB	227	05.9031.EQ.CB	56
05.8301.14.DA	506	05.9000.14	226	05.9002.EQ	55	05.9005.ER.DA	226	05.9008.14.DA	55	05.9031.EQ.CB	228
05.8301.14.NI	506	05.9000.14.1V	54	05.9002.EQ	227	05.9005.ES	54	05.9008.14.DA	227	05.9031.EQ.DA	56
05.8301.40.1V	506	05.9000.14.1V	226	05.9002.EQ.1V	55	05.9005.ES	226	05.9008.40	55	05.9031.EQ.DA	228
05.8301.40.CB	506	05.9000.14.CB	54	05.9002.EQ.1V	227	05.9005.ES.1V	54	05.9008.40	227	05.9031.ER	56
05.8301.40.DA	506	05.9000.14.CB	226	05.9002.EQ.CB	55	05.9005.ES.1V	226	05.9008.40.1V	55	05.9031.ER	228
05.8301.40.NI	506	05.9000.14.DA	54	05.9002.EQ.CB	227	05.9005.ES.CB	54	05.9008.40.1V	227	05.9031.ER.1V	56
05.8302.14.1V	506	05.9000.14.DA	226	05.9002.EQ.DA	55	05.9005.ES.CB	226	05.9008.40.CB	55	05.9031.ER.1V	228
05.8302.14.CB	506	05.9000.40	54	05.9002.EQ.DA	227	05.9005.ES.DA	54	05.9008.40.CB	227	05.9031.ER.CB	56
05.8302.14.DA	506	05.9000.40	226	05.9002.ER	55	05.9005.ES.DA	226	05.9008.40.DA	55	05.9031.ER.CB	228
05.8302.14.NI	506	05.9000.40.1V	54	05.9002.ER	227	05.9006.14	54	05.9008.40.DA	227	05.9031.ER.DA	56
05.8302.40.1V	506	05.9000.40.1V	226	05.9002.ER.1V	55	05.9006.14	226	05.9008.EQ	55	05.9031.ER.DA	228
05.8302.40.CB	506	05.9000.40.CB	54	05.9002.ER.1V	227	05.9006.14.1V	54	05.9008.EQ	227	05.9031.ES	56
05.8302.40.DA	506	05.9000.40.CB	226	05.9002.ER.CB	55	05.9006.14.1V	226	05.9008.EQ.1V	55	05.9031.ES	228
05.8302.40.NI	506	05.9000.40.DA	54	05.9002.ER.CB	227	05.9006.14.CB	54	05.9008.EQ.1V	227	05.9031.ES.1V	56
05.8306.14.1V	506	05.9000.40.DA	226	05.9002							

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05.9032.40	57	05.9036.EQ.DA	228	05.9060.ES.DA	58	05.9063.40.CB	231	05.9065.ER.CB	58	05.9068.14.1V	231
05.9032.40	229	05.9036.ER	56	05.9060.ES.DA	230	05.9063.40.DA	59	05.9065.ER.CB	230	05.9068.14.CB	59
05.9032.40.1V	57	05.9036.ER	228	05.9061.40	58	05.9063.40.DA	231	05.9065.ER.DA	58	05.9068.14.CB	231
05.9032.40.1V	229	05.9036.ER.1V	56	05.9061.40	230	05.9063.EQ	59	05.9065.ER.DA	230	05.9068.14.DA	59
05.9032.40.CB	57	05.9036.ER.1V	228	05.9061.14.1V	58	05.9063.EQ	231	05.9065.ES	58	05.9068.14.DA	231
05.9032.40.CB	229	05.9036.ER.CB	56	05.9061.14.1V	230	05.9063.EQ.1V	59	05.9065.ES	230	05.9068.40	59
05.9032.40.DA	57	05.9036.ER.CB	228	05.9061.14.CB	58	05.9063.EQ.1V	231	05.9065.ES.1V	58	05.9068.40	231
05.9032.40.DA	229	05.9036.ER.DA	56	05.9061.14.CB	230	05.9063.EQ.CB	59	05.9065.ES.1V	230	05.9068.40.1V	59
05.9032.EQ	57	05.9036.ER.DA	228	05.9061.14.DA	58	05.9063.EQ.CB	231	05.9065.ES.CB	58	05.9068.40.1V	231
05.9032.EQ	229	05.9036.ES	56	05.9061.14.DA	230	05.9063.EQ.DA	59	05.9065.ES.CB	230	05.9068.40.CB	59
05.9032.EQ.1V	57	05.9036.ES	228	05.9061.40	58	05.9063.EQ.DA	231	05.9065.ES.DA	58	05.9068.40.CB	231
05.9032.EQ.1V	229	05.9036.ES.1V	56	05.9061.40	230	05.9063.ER	59	05.9065.ES.DA	230	05.9068.40.DA	59
05.9032.EQ.CB	57	05.9036.ES.1V	228	05.9061.40.1V	58	05.9063.ER	231	05.9066.14	58	05.9068.40.DA	231
05.9032.EQ.CB	229	05.9036.ES.CB	56	05.9061.40.1V	230	05.9063.ER.1V	59	05.9066.14	230	05.9068.EQ	59
05.9032.EQ.DA	57	05.9036.ES.CB	228	05.9061.40.CB	58	05.9063.ER.1V	231	05.9066.14.1V	58	05.9068.EQ	231
05.9032.EQ.DA	229	05.9036.ES.DA	56	05.9061.40.CB	230	05.9063.ER.CB	59	05.9066.14.1V	230	05.9068.EQ.1V	59
05.9032.ER	57	05.9036.ES.DA	228	05.9061.40.DA	58	05.9063.ER.CB	231	05.9066.14.CB	58	05.9068.EQ.1V	231
05.9032.ER	229	05.9037.14	57	05.9061.40.DA	230	05.9063.ER.DA	59	05.9066.14.CB	230	05.9068.EQ.CB	59
05.9032.ER.1V	57	05.9037.14	229	05.9061.EQ	58	05.9063.ER.DA	231	05.9066.14.DA	58	05.9068.EQ.CB	231
05.9032.ER.1V	229	05.9037.14.1V	57	05.9061.EQ	230	05.9063.ES	59	05.9066.14.DA	230	05.9068.EQ.DA	59
05.9032.ER.CB	57	05.9037.14.1V	229	05.9061.EQ.1V	58	05.9063.ES	231	05.9066.40	58	05.9068.EQ.DA	231
05.9032.ER.CB	229	05.9037.14.CB	57	05.9061.EQ.1V	230	05.9063.ES.1V	59	05.9066.40	230	05.9068.ER	59
05.9032.ER.DA	57	05.9037.14.CB	229	05.9061.EQ.CB	58	05.9063.ES.1V	231	05.9066.40.1V	58	05.9068.ER	231
05.9032.ER.DA	229	05.9037.14.DA	57	05.9061.EQ.CB	230	05.9063.ES.CB	59	05.9066.40.1V	230	05.9068.ER.1V	59
05.9032.ES	57	05.9037.14.DA	229	05.9061.EQ.CB	230	05.9063.ES.CB	231	05.9066.40.CB	58	05.9068.ER.1V	231
05.9032.ES	229	05.9037.40	57	05.9061.EQ.CB	230	05.9063.ES.DA	59	05.9066.40.CB	230	05.9068.ER.CB	59
05.9032.ES.1V	57	05.9037.40	229	05.9061.EQ.CB	230	05.9063.ES.DA	231	05.9066.40.DA	58	05.9068.ER.CB	231
05.9032.ES.1V	229	05.9037.40.1V	57	05.9061.ER	230	05.9064.14	60	05.9066.40.DA	230	05.9068.ER.DA	59
05.9032.ES.CB	57	05.9037.40.1V	229	05.9061.ER.1V	58	05.9064.14	232	05.9066.EQ	58	05.9068.ER.DA	231
05.9032.ES.CB	229	05.9037.40.CB	57	05.9061.ER.1V	230	05.9064.14.1V	60	05.9066.EQ	230	05.9068.ES	59
05.9032.ES.DA	57	05.9037.40.CB	229	05.9061.ER.CB	58	05.9064.14.1V	232	05.9066.EQ.1V	58	05.9068.ES	231
05.9032.ES.DA	229	05.9037.40.DA	57	05.9061.ER.CB	230	05.9064.14.CB	60	05.9066.EQ.1V	230	05.9068.ES.1V	59
05.9035.14	56	05.9037.40.DA	229	05.9061.ER.CB	230	05.9064.14.CB	232	05.9066.EQ.CB	58	05.9068.ES.1V	231
05.9035.14	228	05.9037.EQ	57	05.9061.ER.DA	230	05.9064.14.DA	60	05.9066.EQ.CB	230	05.9068.ES.CB	59
05.9035.14.1V	56	05.9037.EQ	229	05.9061.ES	58	05.9064.14.DA	232	05.9066.EQ.CB	230	05.9068.ES.CB	231
05.9035.14.1V	228	05.9037.EQ.1V	57	05.9061.ES	230	05.9064.14.DA	60	05.9066.EQ.DA	230	05.9068.ES.DA	59
05.9035.14.CB	56	05.9037.EQ.1V	229	05.9061.ES.1V	58	05.9064.40	232	05.9066.ER	58	05.9068.ES.DA	231
05.9035.14.CB	228	05.9037.EQ.CB	57	05.9061.ES.1V	230	05.9064.40.1V	60	05.9066.ER	230	05.9069.14	60
05.9035.14.DA	56	05.9037.EQ.CB	229	05.9061.ES.CB	58	05.9064.40.1V	232	05.9066.ER.1V	58	05.9069.14	232
05.9035.14.DA	228	05.9037.EQ.DA	57	05.9061.ES.CB	230	05.9064.40.CB	60	05.9066.ER.1V	230	05.9069.14.1V	60
05.9035.40	56	05.9037.EQ.DA	229	05.9061.ES.DA	58	05.9064.40.CB	232	05.9066.ER.CB	58	05.9069.14.1V	232
05.9035.40	228	05.9037.ER	57	05.9061.ES.DA	230	05.9064.40.DA	60	05.9066.ER.CB	230	05.9069.14.CB	60
05.9035.40.1V	56	05.9037.ER	229	05.9062.14	59	05.9064.40.DA	232	05.9066.ER.DA	58	05.9069.14.CB	232
05.9035.40.1V	228	05.9037.ER.1V	57	05.9062.14	231	05.9064.40.DA	60	05.9066.ER.DA	230	05.9069.14.DA	60
05.9035.40.CB	56	05.9037.ER.1V	229	05.9062.14.1V	59	05.9064.EQ	232	05.9066.ES	58	05.9069.14.DA	232
05.9035.40.CB	228	05.9037.ER.CB	57	05.9062.14.1V	231	05.9064.EQ.1V	60	05.9066.ES	230	05.9069.40	60
05.9035.40.DA	56	05.9037.ER.CB	229	05.9062.14.CB	59	05.9064.EQ.1V	232	05.9066.ES.1V	58	05.9069.40	232
05.9035.40.DA	228	05.9037.ER.DA	57	05.9062.14.CB	231	05.9064.EQ.CB	60	05.9066.ES.1V	230	05.9069.40.1V	60
05.9035.40	56	05.9037.ER.DA	229	05.9062.14.CB	231	05.9064.EQ.CB	232	05.9066.ES.CB	58	05.9069.40.1V	232
05.9035.EQ	228	05.9037.ER.DA	229	05.9062.14.DA	59	05.9064.EQ.CB	232	05.9066.ES.CB	230	05.9069.40.CB	60
05.9035.EQ	228	05.9037.ES	57	05.9062.14.DA	231	05.9064.EQ.DA	60	05.9066.ES.CB	230	05.9069.40.CB	60
05.9035.EQ.1V	56	05.9037.ES	229	05.9062.40	59	05.9064.EQ.DA	232	05.9066.ES.DA	58	05.9069.40.CB	232
05.9035.EQ.1V	228	05.9037.ES.1V	57	05.9062.40	231	05.9064.EQ.DA	231	05.9066.ES.DA	230	05.9069.40.DA	60
05.9035.EQ.CB	56	05.9037.ES.1V	229	05.9062.40.1V	59	05.9064.ER	232	05.9067.14	59	05.9069.40.DA	232
05.9035.EQ.CB	228	05.9037.ES.CB	57	05.9062.40.1V	231	05.9064.ER.1V	60	05.9067.14	231	05.9069.EQ	60
05.9035.EQ.DA	56	05.9037.ES.CB	229	05.9062.40.CB	59	05.9064.ER.1V	232	05.9067.14.1V	59	05.9069.EQ	232
05.9035.EQ.DA	228	05.9037.ES.DA	57	05.9062.40.CB	231	05.9064.ER.CB	60	05.9067.14.1V	231	05.9069.EQ.1V	60
05.9035.ER	56	05.9037.ES.DA	229	05.9062.40.DA	59	05.9064.ER.CB	232	05.9067.14.CB	59	05.9069.EQ.1V	232
05.9035.ER	228	05.9060.14	58	05.9062.40.DA	231	05.9064.ER.DA	60	05.9067.14.CB	231	05.9069.EQ.CB	60
05.9035.ER.1V	56	05.9060.14	230	05.9062.40.DA	231	05.9064.ER.DA	232	05.9067.14.DA	59	05.9069.EQ.CB	232
05.9035.ER.1V	228	05.9060.14.1V	58	05.9062.EQ	231	05.9064.ES	60	05.9067.14.DA	231	05.9069.EQ.DA	60
05.9035.ER.CB	56	05.9060.14.1V	230	05.9062.EQ	59	05.9064.ES	232	05.9067.40	59	05.9069.EQ.DA	232
05.9035.ER.CB	228	05.9060.14.CB	58	05.9062.EQ.1V	231	05.9064.ES.1V	60	05.9067.40	231	05.9069.ER	60
05.9035.ER.DA	56	05.9060.14.CB	230	05.9062.EQ.CB	59	05.9064.ES.1V	232	05.9067.40.1V	59	05.9069.ER	232
05.9035.ER.DA	228	05.9060.14.DA	58	05.9062.EQ.CB	231	05.9064.ES.CB	60	05.9067.40.1V	231	05.9069.ER.1V	60
05.9035.ES	56	05.9060.14.DA	230	05.9062.EQ.DA	59	05.9064.ES.CB	232	05.9067.40.CB	59	05.9069.ER.1V	232
05.9035.ES	228	05.9060.40	58	05.9062.EQ.DA	231	05.9064.ES.DA	60	05.9067.40.CB	231	05.9069.ER.CB	60
05.9035.ES.1V	56	05.9060.40	230	05.9062.ER	59	05.9064.ES.DA	232	05.9067.40.DA	59	05.9069.ER.CB	232
05.9035.ES.1V	228	05.9060.40.1V	58	05.9062.ER	231	05.9065.14	58	05.9067.40.DA	231	05.9069.ER.CB	232
05.9035.ES.CB	56	05.9060.40.1V	230	05.9062.ER.1V	59	05.9065.14	230	05.9067.EQ	59	05.9069.ER.DA	232
05.9035.ES.CB	228	05.9060.40.CB	58	05.9062.ER.1V	231	05.9065.14.1V	58	05.9067.EQ	231	05.9069.ES	60
05.9035.ES.DA	56	05.9060.40.CB	230	05.9062.ER.CB	59	05.9065.14.1V	230	05.9067.EQ.1V	59	05.9069.ES	232
05.9035.ES.DA	228	05.9060.40.DA	58	05.9062.ER.CB	231	05.9065.14.CB	58	05.9067.EQ.1V	231	05.9069.ES.1V	60
05.9036.14	56	05.9060.40.DA	230	05.9062.ER.DA	59	05.9065.14.CB	230	05.9067.EQ.CB	59	05.9069.ES.1V	232
05.9036.14	228	05.9060.EQ	58	05.9062.ER.DA	231	05.9065.14.DA	58	05.9067.EQ.CB	231	05.9069.ES.CB	60
05.9036.14.1V	56	05.9060.EQ	230	05.9062.ES	59	05.9065.14.DA	230	05.9067.EQ.CB	231	05.9069.ES.CB	232
05.9036.14.1V	228	05.9060.EQ.1V	58	05.9062.ES	231	05.9065.40	58	05.9067.EQ.DA	231	05.9069.ES.DA	60
05.9036.14.CB	56	05.9060.EQ.1V	230	05.9062.ES.1V	59	05.9065.40	230	05.9067.ER	59	05.9069.ES.DA	232
05.9036.14.CB	228	05.9060.EQ.CB	58	05.9062.ES.1V	231	05.9065.40.1V	58	05.9067.ER	231	05.9100.14	176
05.9036.14.DA	56	05.9060.EQ.CB	230	05.9062.ES.CB	59	05.9065.40.1V	230	05.9067.ER.1V	59	05.9100.14.1V	176
05.9036.14.DA	228	05.9060.EQ.DA	58	05.9062.ES.CB	231	05.9065.40.CB	58	05.9067.ER.1V	231	05.9100.14.CB	176
05.9036.40	56	05.9060.EQ.DA	230	05.9062.ES.DA	59	05.9065.40.CB	230	05.9067.ER.CB	59	05.9100.14.DA	176
05.9036.40	228	05.9060.ER	58	05.9062.ES.DA	231	05.9065.40.DA	58	05.9067.ER.CB	231	05.9100.40	176

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05.9100.ES.CB	176	05.9106.ER.1V	176	05.9132.EQ	179	05.9206.40AC6	636	05.9235.EQACB	638	05.9240.ES	638
05.9100.ES.DA	176	05.9106.ER.CB	176	05.9132.EQ.1V	179	05.9206.40ACB	636	05.9235.EQADA	638	05.9240.ESACB	638
05.9101.14	176	05.9106.ER.DA	176	05.9132.EQ.CB	179	05.9206.40ADA	636	05.9235.ER	638	05.9240.ESADA	638
05.9101.14.1V	176	05.9106.ES	176	05.9132.EQ.DA	179	05.9206.40AYU	636	05.9235.ERACB	638	05.9241.14	638
05.9101.14.CB	176	05.9106.ES.1V	176	05.9132.ER	179	05.9206.EQ	636	05.9235.ERADA	638	05.9241.14ACB	638
05.9101.14.DA	176	05.9106.ES.CB	176	05.9132.ER.1V	179	05.9206.EQACB	636	05.9235.ES	638	05.9241.14ADA	638
05.9101.40	176	05.9106.ES.DA	176	05.9132.ER.CB	179	05.9206.EQADA	636	05.9235.ESACB	638	05.9241.40	638
05.9101.40.1V	176	05.9107.14	177	05.9132.ER.DA	179	05.9206.ER	636	05.9235.ESADA	638	05.9241.40.78	638
05.9101.40.CB	176	05.9107.14.1V	177	05.9132.ES	179	05.9206.ERACB	636	05.9236.14	638	05.9241.40AC6	638
05.9101.40.DA	176	05.9107.14.CB	177	05.9132.ES.1V	179	05.9206.ERADA	636	05.9236.14ACB	638	05.9241.40ACB	638
05.9101.EQ	176	05.9107.14.DA	177	05.9132.ES.CB	179	05.9206.ES	636	05.9236.14ADA	638	05.9241.40ADA	638
05.9101.EQ.1V	176	05.9107.40	177	05.9132.ES.DA	179	05.9206.ESACB	636	05.9236.40	638	05.9241.40AYU	638
05.9101.EQ.CB	176	05.9107.40.1V	177	05.9135.14	178	05.9206.ESADA	636	05.9236.40.78	638	05.9241.EQ	638
05.9101.EQ.DA	176	05.9107.40.CB	177	05.9135.14.1V	178	05.9207.14	637	05.9236.40AC6	638	05.9241.EQACB	638
05.9101.ER	176	05.9107.40.DA	177	05.9135.14.CB	178	05.9207.14ACB	637	05.9236.40ACB	638	05.9241.EQADA	638
05.9101.ER.1V	176	05.9107.EQ	177	05.9135.14.DA	178	05.9207.14ADA	637	05.9236.40ADA	638	05.9241.ER	638
05.9101.ER.CB	176	05.9107.EQ.1V	177	05.9135.40	178	05.9207.40	637	05.9236.40AYU	638	05.9241.ERACB	638
05.9101.ER.DA	176	05.9107.EQ.CB	177	05.9135.40.1V	178	05.9207.40.78	637	05.9236.EQ	638	05.9241.ERADA	638
05.9101.ES	176	05.9107.EQ.DA	177	05.9135.40.CB	178	05.9207.40AC6	637	05.9236.EQACB	638	05.9241.ES	638
05.9101.ES.1V	176	05.9107.ER	177	05.9135.40.DA	178	05.9207.40ACB	637	05.9236.EQADA	638	05.9241.ESACB	638
05.9101.ES.CB	176	05.9107.ER.1V	177	05.9135.EQ	178	05.9207.40ADA	637	05.9236.ER	638	05.9241.ESADA	638
05.9101.ES.DA	176	05.9107.ER.CB	177	05.9135.EQ.1V	178	05.9207.40AYU	637	05.9236.ERACB	638	05.9242.14	639
05.9102.14	177	05.9107.ER.DA	177	05.9135.EQ.CB	178	05.9207.EQ	637	05.9236.ERADA	638	05.9242.14ACB	639
05.9102.14.1V	177	05.9107.ES	177	05.9135.EQ.DA	178	05.9207.EQACB	637	05.9236.ES	638	05.9242.14ADA	639
05.9102.14.CB	177	05.9107.ES.1V	177	05.9135.ER	178	05.9207.EQADA	637	05.9236.ESACB	638	05.9242.40	639
05.9102.14.DA	177	05.9107.ES.CB	177	05.9135.ER.1V	178	05.9207.ER	637	05.9236.ESADA	638	05.9242.40.78	639
05.9102.40	177	05.9107.ES.DA	177	05.9135.ER.CB	178	05.9207.ERACB	637	05.9237.14	639	05.9242.40AC6	639
05.9102.40.1V	177	05.9108.14	177	05.9135.ER.DA	178	05.9207.ERADA	637	05.9237.14ACB	639	05.9242.40ACB	639
05.9102.40.CB	177	05.9108.14.1V	177	05.9135.ES	178	05.9207.ES	637	05.9237.14ADA	639	05.9242.40ADA	639
05.9102.40.DA	177	05.9108.14.CB	177	05.9135.ES.1V	178	05.9207.ESACB	637	05.9237.40	639	05.9242.40AYU	639
05.9102.EQ	177	05.9108.14.DA	177	05.9135.ES.CB	178	05.9207.ESADA	637	05.9237.40.78	639	05.9242.EQ	639
05.9102.EQ.1V	177	05.9108.40	177	05.9135.ES.DA	178	05.9210.14	636	05.9237.40AC6	639	05.9242.EQACB	639
05.9102.EQ.CB	177	05.9108.40.1V	177	05.9136.14	178	05.9210.14ACB	636	05.9237.40ACB	639	05.9242.EQADA	639
05.9102.EQ.DA	177	05.9108.40.CB	177	05.9136.14.1V	178	05.9210.14ADA	636	05.9237.40ADA	639	05.9242.ER	639
05.9102.ER	177	05.9108.40.DA	177	05.9136.14.CB	178	05.9210.40	636	05.9237.40AYU	639	05.9242.ERACB	639
05.9102.ER.1V	177	05.9108.EQ	177	05.9136.14.DA	178	05.9210.40.78	636	05.9237.EQ	639	05.9242.ERADA	639
05.9102.ER.CB	177	05.9108.EQ.1V	177	05.9136.40	178	05.9210.40AC6	636	05.9237.EQACB	639	05.9242.ES	639
05.9102.ER.DA	177	05.9108.EQ.CB	177	05.9136.40.1V	178	05.9210.40ACB	636	05.9237.EQADA	639	05.9242.ESACB	639
05.9102.ES	177	05.9108.EQ.DA	177	05.9136.40.CB	178	05.9210.40ADA	636	05.9237.ER	639	05.9242.ESADA	639
05.9102.ES.1V	177	05.9108.ER	177	05.9136.40.DA	178	05.9210.40AYU	636	05.9237.ERACB	639	05.9243.14	639
05.9102.ES.CB	177	05.9108.ER.1V	177	05.9136.40.DA	178	05.9210.EQ	636	05.9237.ERADA	639	05.9243.14ACB	639
05.9102.ES.DA	177	05.9108.ER.CB	177	05.9136.EQ.1V	178	05.9210.EQACB	636	05.9237.ES	639	05.9243.14ADA	639
05.9103.14	177	05.9108.ER.DA	177	05.9136.EQ.CB	178	05.9210.EQADA	636	05.9237.ESACB	639	05.9243.40	639
05.9103.14.1V	177	05.9108.ES	177	05.9136.EQ.DA	178	05.9210.ER	636	05.9237.ESADA	639	05.9243.40.78	639
05.9103.14.CB	177	05.9108.ES.1V	177	05.9136.ER	178	05.9210.ERACB	636	05.9238.14	639	05.9243.40AC6	639
05.9103.14.DA	177	05.9108.ES.CB	177	05.9136.ER.1V	178	05.9210.ERADA	636	05.9238.14ACB	639	05.9243.40ACB	639
05.9103.40	177	05.9108.ES.DA	177	05.9136.ER.CB	178	05.9210.ES	636	05.9238.14ADA	639	05.9243.40ADA	639
05.9103.40.1V	177	05.9130.14	178	05.9136.ER.DA	178	05.9210.ESACB	636	05.9238.40	639	05.9243.40AYU	639
05.9103.40.CB	177	05.9130.14.1V	178	05.9136.ES	178	05.9210.ESADA	636	05.9238.40.78	639	05.9243.EQ	639
05.9103.40.DA	177	05.9130.14.CB	178	05.9136.ES.1V	178	05.9211.14	636	05.9238.40AC6	639	05.9243.EQACB	639
05.9103.EQ	177	05.9130.14.DA	178	05.9136.ES.CB	178	05.9211.14ACB	636	05.9238.40ACB	639	05.9243.EQADA	639
05.9103.EQ.1V	177	05.9130.40	178	05.9136.ES.DA	178	05.9211.14ADA	636	05.9238.40ADA	639	05.9243.ER	639
05.9103.EQ.CB	177	05.9130.40.1V	178	05.9137.14	179	05.9211.40	636	05.9238.40AYU	639	05.9243.ERACB	639
05.9103.EQ.DA	177	05.9130.40.CB	178	05.9137.14.1V	179	05.9211.40.78	636	05.9238.EQ	639	05.9243.ERADA	639
05.9103.ER	177	05.9130.40.DA	178	05.9137.14.CB	179	05.9211.40AC6	636	05.9238.EQACB	639	05.9243.ES	639
05.9103.ER.1V	177	05.9130.EQ	178	05.9137.14.DA	179	05.9211.40ACB	636	05.9238.EQADA	639	05.9243.ESACB	639
05.9103.ER.CB	177	05.9130.EQ.1V	178	05.9137.40	179	05.9211.40ADA	636	05.9238.ER	639	05.9243.ESADA	639
05.9103.ER.DA	177	05.9130.EQ.CB	178	05.9137.40.1V	179	05.9211.40AYU	636	05.9238.ERACB	639	05.9244.14	639
05.9103.ES	177	05.9130.EQ.DA	178	05.9137.40.CB	179	05.9211.EQ	636	05.9238.ERADA	639	05.9244.14ACB	639
05.9103.ES.1V	177	05.9130.ER	178	05.9137.40.DA	179	05.9211.EQACB	636	05.9238.ES	639	05.9244.14ADA	639
05.9103.ES.CB	177	05.9130.ER.1V	178	05.9137.EQ	179	05.9211.EQADA	636	05.9238.ESACB	639	05.9244.40	639
05.9103.ES.DA	177	05.9130.ER.CB	178	05.9137.EQ.1V	179	05.9211.ER	636	05.9238.ESADA	639	05.9244.40.78	639
05.9105.14	176	05.9130.ER.DA	178	05.9137.EQ.CB	179	05.9211.ERACB	636	05.9239.14	639	05.9244.40AC6	639
05.9105.14.1V	176	05.9130.ES	178	05.9137.EQ.DA	179	05.9211.ERADA	636	05.9239.14ACB	639	05.9244.40ACB	639
05.9105.14.CB	176	05.9130.ES.1V	178	05.9137.ER	179	05.9211.ES	636	05.9239.14ADA	639	05.9244.40ADA	639
05.9105.14.DA	176	05.9130.ES.CB	178	05.9137.ER.1V	179	05.9211.ESACB	636	05.9239.40	639	05.9244.40AYU	639
05.9105.40	176	05.9130.ES.DA	178	05.9137.ER.CB	179	05.9211.ESADA	636	05.9239.40.78	639	05.9244.EQ	639
05.9105.40.1V	176	05.9131.14	178	05.9137.ER.DA	179	05.9212.14	637	05.9239.40AC6	639	05.9244.EQACB	639
05.9105.40.CB	176	05.9131.14.1V	178	05.9137.ES	179	05.9212.14ACB	637	05.9239.40ACB	639	05.9244.EQADA	639
05.9105.40.DA	176	05.9131.14.CB	178	05.9137.ES.1V	179	05.9212.14ADA	637	05.9239.40ADA	639	05.9244.ER	639
05.9105.EQ	176	05.9131.14.DA	178	05.9137.ES.CB	179	05.9212.40	637	05.9239.40AYU	639	05.9244.ERACB	639
05.9105.EQ.1V	176	05.9131.40	178	05.9137.ES.DA	179	05.9212.40.78	637	05.9239.EQ	639	05.9244.ERADA	639
05.9105.EQ.CB	176	05.9131.40.1V	178	05.9205.14	636	05.9212.40AC6	637	05.9239.EQACB	639	05.9244.ES	639
05.9105.EQ.DA	176	05.9131.40.CB	178	05.9205.14ACB	636	05.9212.40ACB	637	05.9239.EQADA	639	05.9244.ESACB	639
05.9105.ER	176	05.9131.40.DA	178	05.9205.14ADA	636	05.9212.40ADA	637	05.9239.ER	639	05.9244.ESADA	639
05.9105.ER.1V	176	05.9131.EQ	178	05.9205.40	636	05.9212.40AYU	637	05.9239.ERACB	639	05.9300.40	454
05.9105.ER.CB	176	05.9131.EQ.1V	178	05.9205.40.78	636	05.9212.EQ	637	05.9239.ERADA	639	05.9301.40	454
05.9105.ER.DA	176	05.9131.EQ.CB	178	05.9205.40AC6	636	05.9212.EQACB	637	05.9239.ES	639	05.9302.40	454
05.9105.ES	176	05.9131.EQ.DA	178	05.9205.40ACB	636	05.9212.EQADA	637	05.9239.ESACB	639	05.9303.40	454
05.9105.ES.1V	176	05.9131.ER	178	05.9205.40ADA	636	05.9212.ER	637	05.9239.ESADA	639	05.9304.14	454
05.9105.ES.CB	176	05.9131.ER.1V	178	05.9205.40AYU	636	05.9212.ERACB	637	05.9240.14	638	05.9304.40	454
05.9105.ES.DA	176	05.9131.ER.CB	178	05.9205.EQ	636	05.9212.ERADA	637	05.9240.14ACB	638	05.9304.EQ	454
05.9106.14	176										

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Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
05.9310.40	455	05.9366.TK	455	05.9425.14	456	05.9534.40	464	05.9580.40	466	06.1601.40	166
05.9311.40	455	05.9367.14	455	05.9425.40	456	05.9534.EQ	464	05.9581.40	466	06.1602.14	166
05.9312.40	455	05.9367.40	455	05.9426.14	456	05.9534.ER	464	05.9582.40	466	06.1602.40	166
05.9313.40	455	05.9367.ER	455	05.9426.40	456	05.9534.ES	464	05.9583.40	466	06.1603.14	166
05.9314.14	455	05.9368.ES	455	05.9426.EQ	456	05.9534.TK	464	05.9584.14	466	06.1603.40	166
05.9314.40	455	05.9370.40	456	05.9426.TK	456	05.9535.14	464	05.9584.40	466	06.1604.14	166
05.9314.EQ	455	05.9371.40	456	05.9427.14	456	05.9535.40	464	05.9584.EQ	466	06.1604.40	166
05.9314.ER	455	05.9372.40	456	05.9427.40	456	05.9536.14	464	05.9584.ER	466	06.1605.14	166
05.9314.ES	455	05.9373.40	456	05.9427.ER	456	05.9536.40	464	05.9584.ES	466	06.1605.40	166
05.9314.TK	455	05.9374.14	456	05.9428.ES	456	05.9536.EQ	464	05.9584.TK	466	06.1606.14	166
05.9315.14	455	05.9374.40	456	05.9430.40	457	05.9536.TK	464	05.9585.14	466	06.1606.40	166
05.9315.40	455	05.9374.EQ	456	05.9431.40	457	05.9537.14	464	05.9585.40	466	06.1607.14	166
05.9316.14	455	05.9374.ER	456	05.9432.40	457	05.9537.40	464	05.9586.14	466	06.1607.40	166
05.9316.40	455	05.9374.ES	456	05.9433.40	457	05.9537.ER	464	05.9586.40	466	06.1608.14	166
05.9316.EQ	455	05.9374.TK	456	05.9434.14	457	05.9538.ES	464	05.9586.EQ	466	06.1608.40	166
05.9316.TK	455	05.9375.14	456	05.9434.40	457	05.9540.40	465	05.9586.TK	466	06.1609.14	166
05.9317.14	455	05.9375.40	456	05.9434.EQ	457	05.9541.40	465	05.9587.14	466	06.1609.40	166
05.9317.40	455	05.9376.14	456	05.9434.ER	457	05.9542.40	465	05.9587.40	466	06.1610.14	167
05.9317.ER	455	05.9376.40	456	05.9434.ES	457	05.9543.40	465	05.9587.ER	466	06.1610.40	167
05.9318.ES	455	05.9376.EQ	456	05.9434.TK	457	05.9544.14	465	05.9588.ES	466	06.1612.14	167
05.9320.40	456	05.9376.TK	456	05.9435.14	457	05.9544.40	465	06.0157.00	213	06.1612.40	167
05.9321.40	456	05.9377.14	456	05.9435.40	457	05.9544.EQ	465	06.0173.14	39	06.1614.14A	170
05.9322.40	456	05.9377.40	456	05.9436.14	457	05.9544.ER	465	06.0301.00	255	06.1614.40A	170
05.9323.40	456	05.9377.ER	456	05.9436.40	457	05.9544.ES	465	06.0303.00	255	06.1615.14A	170
05.9324.14	456	05.9378.ES	456	05.9436.EQ	457	05.9544.TK	465	06.0330.C5	20	06.1615.40A	170
05.9324.40	456	05.9380.40	457	05.9436.TK	457	05.9545.14	465	06.0331.C5	20	06.1616.14A	170
05.9324.EQ	456	05.9381.40	457	05.9437.14	457	05.9545.40	465	06.0332.C5	20	06.1616.40A	170
05.9324.ER	456	05.9382.40	457	05.9437.40	457	05.9546.14	465	06.0335.00	20	06.1617.14A	170
05.9324.ES	456	05.9383.40	457	05.9437.ER	457	05.9546.40	465	06.0336.00	20	06.1617.40A	170
05.9324.TK	456	05.9384.14	457	05.9438.ES	457	05.9546.EQ	465	06.0337.00	21	06.1618.14A	170
05.9325.14	456	05.9384.40	457	05.9500.40	464	05.9546.TK	465	06.0338.00	21	06.1618.40A	170
05.9325.40	456	05.9384.EQ	457	05.9501.40	464	05.9547.14	465	06.0339.00	22	06.1619.14A	170
05.9326.14	456	05.9384.ER	457	05.9502.40	464	05.9547.40	465	06.0340.00	22	06.1619.40A	170
05.9326.40	456	05.9384.ES	457	05.9503.40	464	05.9547.ER	465	06.0341.00	23	06.1620.14A	170
05.9326.EQ	456	05.9384.TK	457	05.9504.14	464	05.9548.ES	465	06.0342.00	23	06.1620.40A	170
05.9326.TK	456	05.9385.14	457	05.9504.40	464	05.9550.40	466	06.0350.C5	24	06.1621.14A	170
05.9327.14	456	05.9385.40	457	05.9504.EQ	464	05.9551.40	466	06.0351.C5	24	06.1621.40A	170
05.9327.40	456	05.9386.14	457	05.9504.ER	464	05.9552.40	466	06.0352.C5	24	06.1622.14A	170
05.9327.ER	456	05.9386.40	457	05.9504.ES	464	05.9553.40	466	06.0353.C5	24	06.1622.40A	170
05.9328.ES	456	05.9386.EQ	457	05.9504.TK	464	05.9554.14	466	06.0354.C5	25	06.1623.14A	170
05.9330.40	457	05.9386.TK	457	05.9505.14	464	05.9554.40	466	06.0355.C5	25	06.1623.40A	170
05.9331.40	457	05.9387.14	457	05.9505.40	464	05.9554.EQ	466	06.0366.00	20	06.1624.14	171
05.9332.40	457	05.9387.40	457	05.9506.14	464	05.9554.ER	466	06.0367.00	20	06.1624.40	171
05.9333.40	457	05.9387.ER	457	05.9506.40	464	05.9554.ES	466	06.0368.00	20	06.1626.14	168
05.9334.14	457	05.9388.ES	457	05.9506.EQ	464	05.9554.TK	466	06.0369.00	20	06.1626.40	168
05.9334.40	457	05.9400.40	454	05.9506.TK	464	05.9555.14	466	06.0370.00	20	06.1627.14	168
05.9334.EQ	457	05.9401.40	454	05.9507.14	464	05.9555.40	466	06.0371.00	20	06.1627.40	168
05.9334.ER	457	05.9402.40	454	05.9507.40	464	05.9556.14	466	06.0372.00	20	06.1628.14	168
05.9334.ES	457	05.9403.40	454	05.9507.ER	464	05.9556.40	466	06.0373.00	21	06.1628.40	168
05.9334.TK	457	05.9404.14	454	05.9508.ES	464	05.9556.EQ	466	06.0374.00	21	06.1629.14	168
05.9335.14	457	05.9404.40	454	05.9510.40	465	05.9556.TK	466	06.0375.00	21	06.1629.40	168
05.9335.40	457	05.9404.EQ	454	05.9511.40	465	05.9557.14	466	06.0376.00	21	06.1630.14	168
05.9336.14	457	05.9404.ER	454	05.9512.40	465	05.9557.40	466	06.0377.00	21	06.1630.40	168
05.9336.40	457	05.9404.ES	454	05.9513.40	465	05.9557.ER	466	06.0378.00	21	06.1631.14	168
05.9336.EQ	457	05.9404.TK	454	05.9514.14	465	05.9558.ES	466	06.0379.00	21	06.1631.40	168
05.9336.TK	457	05.9405.14	454	05.9514.40	465	05.9560.40	464	06.0380.00	21	06.1632.14	168
05.9337.14	457	05.9405.40	454	05.9514.EQ	465	05.9561.40	464	06.0381.00	22	06.1632.40	168
05.9337.40	457	05.9406.14	454	05.9514.ER	465	05.9562.40	464	06.0382.00	22	06.1633.14	168
05.9337.ER	457	05.9406.40	454	05.9514.ES	465	05.9563.40	464	06.0383.00	22	06.1633.40	168
05.9338.ES	457	05.9406.EQ	454	05.9514.TK	465	05.9564.14	464	06.0384.00	22	06.1634.14	168
05.9350.40	454	05.9406.TK	454	05.9515.14	465	05.9564.40	464	06.0385.00	22	06.1634.40	168
05.9351.40	454	05.9407.14	454	05.9515.40	465	05.9564.EQ	464	06.0386.00	22	06.1635.14	168
05.9352.40	454	05.9407.40	454	05.9516.14	465	05.9564.ER	464	06.0387.00	22	06.1635.40	168
05.9353.40	454	05.9407.ER	454	05.9516.40	465	05.9564.ES	464	06.0388.00	22	06.1638.14	164
05.9354.14	454	05.9408.ES	454	05.9516.EQ	465	05.9564.TK	464	06.0389.00	23	06.1639.14	164
05.9354.40	454	05.9410.40	455	05.9516.TK	465	05.9565.14	464	06.0390.00	23	06.1640.14	164
05.9354.EQ	454	05.9411.40	455	05.9517.14	465	05.9565.40	464	06.0391.00	23	06.1641.14	164
05.9354.ER	454	05.9412.40	455	05.9517.40	465	05.9566.14	464	06.0392.00	23	06.1642.14	164
05.9354.ES	454	05.9413.40	455	05.9517.ER	465	05.9566.40	464	06.0393.00	23	06.1643.14	164
05.9354.TK	454	05.9414.14	455	05.9518.ES	465	05.9566.EQ	464	06.0394.00	23	06.1644.14	164
05.9355.14	454	05.9414.40	455	05.9520.40	466	05.9566.TK	464	06.0395.00	23	06.1645.14	164
05.9355.40	454	05.9414.EQ	455	05.9521.40	466	05.9567.14	464	06.0396.00	23	06.1646.14	164
05.9356.14	454	05.9414.ER	455	05.9522.40	466	05.9567.40	464	06.0403.C5	25	06.1647.14	164
05.9356.40	454	05.9414.ES	455	05.9523.40	466	05.9567.ER	464	06.0404.C5	25	06.1648.14	165
05.9356.EQ	454	05.9414.TK	455	05.9524.14	466	05.9568.ES	464	06.0420.14	264	06.1650.14	165
05.9356.TK	454	05.9415.14	455	05.9524.40	466	05.9570.40	465	06.0420.30	264	06.1651.14	165
05.9357.14	454	05.9415.40	455	05.9524.EQ	466	05.9571.40	465	06.1005.00E	774	06.1656.14	169
05.9357.40	454	05.9416.14	455	05.9524.ER	466	05.9572.40	465	06.1012.00E	774	06.1656.40	169
05.9357.ER	454	05.9416.40	455	05.9524.ES	466	05.9573.40	465	06.1013.00E	774	06.1657.14	169
05.9358.ES	454	05.9416.EQ	455	05.9524.TK	466	05.9574.14	465	06.1014.00E	774	06.1657.40	169
05.9360.40	455	05.9416.TK	455	05.9525.14	466	05.9574.40	465	06.1016.00	754	06.1740.14	169
05.9361.40	455	05.9417.14	455	05.9525.40	466	05.9574.EQ	465	06.1016.00	774	06.1741.14	169
05.9362.40	455	05.9417.40	455	05.9526.14	466	05.9574.ER	465	06.1019.00E	774	06.1742.14	169
05.9363.40	455	05.9417.ER	455	05.9526.40	466	05.9574.ES	465	06.1020.00E	774	06.1800.14	240
05.9364.14	455	05.9418.ES	455	05.9526.EQ	466	05.9574.TK	465	06.1022.00E	754	06.1801.14	240
05.9364.40	455	05.9420.40	456	05.9526.TK	466	05.9575.14	465	06.1022.00E	774	06.1804.14	240
05.9364.EQ	455	05.9421.40	456	05.9527.14	466	05.9575.40	465				

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Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
06.1861.14	255	06.2604.40	100	06.5060.14	210	06.5302.1A	88	08.0050.00	225	08.0507.14	627
06.1861.40	255	06.2605.14	98	06.5060.40	210	06.5302.14	88	08.0052.90	437	08.0507.40	627
06.1862.14	255	06.2605.14	100	06.5061.05	210	06.5302.40	88	08.0059.90	437	08.0507.CE	627
06.1862.40	255	06.2605.40	98	06.5061.14	210	06.5302.CZ	88	08.0109.00	273	08.0507.TK	627
06.1863.14	255	06.2605.40	100	06.5061.40	210	06.5304.1A	89	08.0110.00	273	08.0510.00	437
06.1863.40	255	06.2606.14	99	06.5062.05	210	06.5304.14	89	08.0112.00	273	08.0511.00	437
06.1974.00	734	06.2606.40	99	06.5062.14	210	06.5304.40	89	08.0113.00	273	08.0512.00	437
06.1987.14	201	06.2607.14	99	06.5062.40	210	06.5304.CZ	89	08.0131.14	264	08.0513.00	437
06.1987.14	259	06.2607.40	99	06.5063.05	210	06.5305.1A	89	08.0131.29	264	08.0515.00	437
06.1987.40	201	06.2608.14	99	06.5063.14	210	06.5305.14	89	08.0131.40	264	08.0516.00	437
06.1987.40	259	06.2608.40	99	06.5063.40	210	06.5305.40	89	08.0132.00	553	08.0517.00	437
06.1988.14	47	06.2609.14	99	06.5064.14	210	06.5305.CZ	89	08.0139.00	264	08.0518.00	437
06.1988.14	67	06.2609.40	99	06.5064.40	210	06.5306.1A	89	08.0160.14	482	08.0520.02A	706
06.1988.14	235	06.2610.14	99	06.5070.05	214	06.5306.14	89	08.0160.40	482	08.0520.14A	706
06.1988.40	47	06.2610.40	99	06.5070.14	214	06.5306.40	89	08.0161.14	483	08.0520.40A	706
06.1988.40	67	06.2611.14	101	06.5070.40	214	06.5306.CZ	89	08.0161.40	483	08.0520.ETA	706
06.1988.40	235	06.2611.40	101	06.5071.05	214	06.5400.14	71	08.0164.14	482	08.0520.EUA	706
06.2500.06	126	06.2612.14	101	06.5071.14	214	06.5400.40	71	08.0164.40	482	08.0521.02A	706
06.2500.14	126	06.2612.40	101	06.5071.40	214	06.5401.14	71	08.0165.14	483	08.0521.14A	706
06.2500.18	126	06.2613.14	99	06.5072.05	214	06.5401.40	71	08.0165.40	483	08.0521.40A	706
06.2500.40	126	06.2613.40	99	06.5072.14	214	06.5402.14	71	08.0166.00	482	08.0521.ETA	706
06.2500.CZ	126	06.2614.14	99	06.5072.40	214	06.5402.40	71	08.0167.00	483	08.0521.EUA	706
06.2501.06	126	06.2614.40	99	06.5073.05	214	06.5403.14	71	08.0175.14	61	08.0522.02A	706
06.2501.14	126	06.2615.14	101	06.5073.14	214	06.5403.40	71	08.0175.14	233	08.0522.14A	706
06.2501.18	126	06.2615.40	101	06.5073.40	214	06.5404.14	71	08.0175.14	248	08.0522.40A	706
06.2501.40	126	06.2616.14	101	06.5074.14	214	06.5404.40	71	08.0175.14	640	08.0522.ETA	706
06.2501.CZ	126	06.2616.40	101	06.5074.40	214	06.5405.14	71	08.0175.14	644	08.0522.EUA	706
06.2502.06	126	06.2617.14	101	06.5100.14	45	06.5405.40	71	08.0175.14	645	08.0523.02A	706
06.2502.14	126	06.2617.40	101	06.5100.40	45	06.5410.14	71	08.0175.14	646	08.0523.14A	706
06.2502.18	126	06.2618.14	101	06.5101.14	45	06.5410.40	71	08.0176.14	61	08.0523.40A	706
06.2502.40	126	06.2618.40	101	06.5101.40	45	06.5411.14	71	08.0176.14	233	08.0523.ETA	706
06.2502.CZ	126	06.2619.14	121	06.5110.14	46	06.5411.40	71	08.0176.14	248	08.0523.EUA	706
06.2506.14	126	06.2619.40	121	06.5110.40	46	06.5412.14	71	08.0176.14	640	08.0524.02	707
06.2506.40	126	06.2620.14	121	06.5111.14	46	06.5412.40	71	08.0176.14	644	08.0524.14	707
06.2509.14	127	06.2620.40	121	06.5111.40	46	06.5413.14	71	08.0176.14	645	08.0524.40	707
06.2509.18	127	06.2621.14	99	06.5112.14	46	06.5413.40	71	08.0176.14	646	08.0524.ET	707
06.2509.40	127	06.2621.40	99	06.5112.40	46	06.5414.14	71	08.0177.14	248	08.0524.EU	707
06.2509.CZ	127	06.5008.14	209	06.5113.14	46	06.5414.40	71	08.0177.14	647	08.0525.02A	707
06.2510.06A	134	06.5010.05	210	06.5113.40	46	06.5415.14	71	08.0177.14	648	08.0525.14A	707
06.2510.14A	134	06.5010.14	210	06.5115.14	45	06.5415.40	71	08.0177.14	649	08.0525.40A	707
06.2510.18A	134	06.5010.40	210	06.5115.40	45	06.5420.14	71	08.0178.14	248	08.0525.ETA	707
06.2510.40A	134	06.5011.05	210	06.5116.14	45	06.5420.40	71	08.0178.14	647	08.0525.EUA	707
06.2510.CZA	134	06.5011.14	210	06.5116.40	45	06.5421.14	71	08.0178.14	648	08.0526.00	63
06.2511.06A	134	06.5011.40	210	06.5117.14	45	06.5421.40	71	08.0178.14	649	08.0526.00	223
06.2511.14A	134	06.5012.05	210	06.5117.40	45	06.5430.14	71	08.0180.00	39	08.0526.00	248
06.2511.18A	134	06.5012.14	210	06.5118.14	45	06.5430.40	71	08.0181.00	39	08.0526.00	258
06.2511.40A	134	06.5012.40	210	06.5118.40	45	06.6000.14	142	08.0182.00	39	08.0526.00	596
06.2511.CZA	134	06.5013.05	210	06.5120.14	47	06.6001.14	142	08.0190.14	156	08.0526.00	628
06.2540.14	126	06.5013.14	210	06.5120.40	47	06.6002.14	142	08.0191.14	156	08.0526.00	675
06.2540.18	126	06.5013.40	210	06.5121.14	47	06.6003.14	142	08.0192.00	482	08.0526.00	691
06.2540.40	126	06.5014.14	210	06.5121.40	47	06.6004.14	142	08.0193.00	483	08.0526.40	63
06.2540.CZ	126	06.5014.40	210	06.5122.14	47	06.6010.14	143	08.0194.00	39	08.0526.40	223
06.2541.14	126	06.5015.05	211	06.5122.40	47	06.6010.40	143	08.0195.00	39	08.0526.40	248
06.2541.18	126	06.5015.14	211	06.5123.14	47	06.6011.14	143	08.0205.00A	687	08.0526.40	258
06.2541.40	126	06.5015.40	211	06.5123.40	47	06.6011.40	143	08.0206.00	687	08.0526.40	596
06.2541.CZ	126	06.5016.05	211	06.5125.14	45	06.6012.14	143	08.0207.00A	687	08.0526.40	675
06.2542.14	126	06.5016.14	211	06.5125.40	45	06.6012.40	143	08.0208.00	687	08.0526.40	691
06.2542.18	126	06.5016.40	211	06.5126.14	45	06.6013.14	143	08.0209.DR	687	08.0526.BW	63
06.2542.40	126	06.5017.05	211	06.5126.40	45	06.6013.40	143	08.0209.DY	687	08.0526.BW	223
06.2542.CZ	126	06.5017.14	211	06.5127.14	45	06.6014.14	143	08.0209.EQ	687	08.0526.BW	248
06.2543.14	126	06.5017.40	211	06.5127.40	45	06.6014.40	143	08.0209.ER	687	08.0526.BW	258
06.2543.18	126	06.5020.05	214	06.5128.14	45	06.6030.14	142	08.0209.ES	687	08.0526.BW	596
06.2543.40	126	06.5020.14	214	06.5128.40	45	06.6031.14	143	08.0210.00A	687	08.0526.BW	675
06.2543.CZ	126	06.5020.40	214	06.5135.14A	45	06.6031.40	143	08.0211.DR	687	08.0526.BW	691
06.2544.14	126	06.5021.05	214	06.5135.40A	45	06.6032.14	142	08.0211.DY	687	08.0550.00	627
06.2544.18	126	06.5021.14	214	06.5140.14	45	06.6033.14	143	08.0211.EQ	687	08.0551.00	627
06.2544.40	126	06.5021.40	214	06.5140.40	45	06.6033.40	143	08.0211.ER	687	08.0555.00	627
06.2544.CZ	126	06.5022.05	214	06.5141.14	45	06.6034.14	142	08.0211.ES	687	08.0556.14	627
06.2545.14	127	06.5022.14	214	06.5141.40	45	06.6034.14	143	08.0212.DRA	687	08.0556.40	627
06.2545.18	127	06.5022.40	214	06.5142.14A	45	06.6034.40	143	08.0212.DYA	687	08.0556.CE	627
06.2545.40	127	06.5023.05	214	06.5142.40A	45	06.6035.14	142	08.0212.EQA	687	08.0556.TK	627
06.2545.CZ	127	06.5023.14	214	06.5150.14	47	06.6035.14	143	08.0212.ERA	687	08.0557.14	627
06.2546.14	127	06.5023.40	214	06.5150.40	47	06.6036.14	142	08.0212.ESA	687	08.0557.40	627
06.2546.18	127	06.5024.14	214	06.5151.14	47	06.6036.14	143	08.0226.00A	687	08.0557.CE	627
06.2546.40	127	06.5024.40	214	06.5151.40	47	06.6036.40	143	08.0227.00	687	08.0557.TK	627
06.2546.CZ	127	06.5025.05	215	06.5152.14	47	07.9630.70	714	08.0228.DR	687	08.0580.00	460
06.2600.14	98	06.5025.14	215	06.5152.40	47	07.9630.70	714	08.0228.DY	687	08.0581.00	460
06.2600.14	100	06.5025.40	215	06.5153.14	47	07.9630.76	715	08.0228.EQ	687	08.0582.00	460
06.2600.40	98	06.5026.05	215	06.5153.40	47	07.9630.76	715	08.0228.ER	687	08.0583.00	460
06.2600.40	100	06.5026.14	215	06.5155.14	45	07.9630.AN	714	08.0228.ES	687	08.0584.00	460
06.2601.14	98	06.5026.40	215	06.5155.40	45	07.9630.AN	714	08.0231.00	687	08.0586.00	460
06.2601.14	100	06.5040.14	208	06.5156.14	45	07.9630.AP	714	08.0254.00A	687	08.0600.14	213
06.2601.40	98	06.5041.14	208	06.5156.40	45	07.9630.AP	714	08.0255.00	687	08.0600.40	213
06.2601.40	100	06.5042.14	208	06.5157.14	45	07.9630.CE	715	08.0269.00	437	08.0611.14	209
06.2602.14	98	06.5043.14	208	06.5157.40	45	07.9630.CE	715	08.0270.00	437	08.0611.14	211
06.2602.14	100	06.5044.14	208	06.5158.14	45	07.9641.14A	714	08.0360.14	481	08.0612.14	209
06.2602.40	98	06.5045.14	209	06.5158.40	45	07.9641.14ADA	714				



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Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
08.0627.00	213	08.0793.00	233	08.8428.00	248	08.8663.14D1V	515	08.9102.00	625	09.2125.05BDA	717
08.0630.14	127	08.0793.00	465	08.8428.00	258	08.8663.14DDA	514	08.9103.00	553	09.2125.14B	717
08.0630.40	127	08.0793.00	467	08.8428.00	596	08.8663.14DDA	514	08.9103.00	625	09.2125.14BDA	717
08.0631.14	215	08.0793.00	640	08.8428.00	628	08.8663.14DDA	515	08.9104.00	553	09.2125.40B	717
08.0631.40	215	08.0794.00	61	08.8428.00	675	08.8701.14	276	08.9105.00	625	09.2125.40BDA	717
08.0632.14A	215	08.0794.00	179	08.8428.00	691	08.8701.30	276	08.9107.00	248	09.2126.05B	717
08.0632.40A	215	08.0794.00	233	08.8429.00	63	08.8702.14	276	08.9107.00	675	09.2126.05BDA	717
08.0640.02	706	08.0794.00	465	08.8429.00	223	08.8702.30	276	08.9107.00	691	09.2126.14B	717
08.0640.14	706	08.0794.00	467	08.8429.00	248	08.8705.14	276	08.9108.00	248	09.2126.14BDA	717
08.0640.40	706	08.0794.00	640	08.8429.00	258	08.8705.30	276	08.9108.00	675	09.2126.40B	717
08.0640.ET	706	08.0795.00	61	08.8429.00	596	08.8706.14	276	08.9108.00	691	09.2126.40BDA	717
08.0640.EU	706	08.0795.00	179	08.8429.00	628	08.8706.30	276	08.9109.00	248	09.2127.05B	717
08.0641.02	706	08.0795.00	233	08.8429.00	675	08.8707.14	276	08.9109.00	675	09.2127.05BDA	717
08.0641.14	706	08.0795.00	465	08.8429.00	691	08.8707.30	276	08.9109.00	691	09.2127.14B	717
08.0641.40	706	08.0795.00	467	08.8431.00	63	08.8708.14	276	08.9110.00	248	09.2127.14BDA	717
08.0641.ET	706	08.0795.00	640	08.8431.00	223	08.8708.30	276	08.9110.00	675	09.2127.40B	717
08.0641.EU	706	08.0796.00	61	08.8431.00	248	08.8709.14	276	08.9110.00	691	09.2127.40BDA	717
08.0642.02	707	08.0796.00	233	08.8431.00	258	08.8709.30	276	08.9111.00	248	09.3200.29A	721
08.0642.14	707	08.0796.00	640	08.8431.00	596	08.8710.14	276	08.9111.00	675	09.3200.30A	721
08.0642.40	707	08.0797.00	61	08.8431.00	628	08.8710.30	276	08.9111.00	691	09.3200.55A	721
08.0642.ET	707	08.0797.00	233	08.8431.00	675	08.8711.00	276	08.9111.40	675	09.3200.ANA	721
08.0642.EU	707	08.0797.00	640	08.8431.00	691	08.8720.14	276	08.9111.BW	675	09.3200.BZA	721
08.0661.14	460	08.0798.00	61	08.8432.00	63	08.8720.30	276	08.9114.00	553	09.3201.29A	721
08.0661.40	460	08.0798.00	233	08.8432.00	223	08.8721.14	276	09.0045.29B	719	09.3201.30A	721
08.0670.14	493	08.0798.00	640	08.8432.00	248	08.8721.30	276	09.0045.30B	719	09.3201.55A	721
08.0670.40	493	08.0799.00	61	08.8432.00	258	08.8759.00	197	09.0045.BZB	719	09.3201.ANA	721
08.0671.14	511	08.0799.00	233	08.8432.00	596	08.8760.00	197	09.0100.29B	719	09.3201.BZA	721
08.0671.40	511	08.0799.00	640	08.8432.00	628	08.8761.00	197	09.0100.30B	719	09.3310.01C	723
08.0672.00	493	08.0824.14	24	08.8432.00	675	08.8775.14	715	09.0100.BZB	719	09.3310.04C	723
08.0673.00	511	08.0824.14	39	08.8432.00	691	08.8775.40	715	09.0101.29B	719	09.3310.72C	723
08.0711.00	493	08.0824.14	47	08.8439.14	240	08.8782.30	655	09.0101.30B	719	09.3600.14	656
08.0712.00	493	08.0824.14	87	08.8450.00	615	08.8783.06	655	09.0101.BZB	719	09.3600.14.CB	656
08.0713.00	493	08.0824.14	134	08.8451.00	615	08.8783.14	655	09.0102.29B	719	09.3600.14.DA	656
08.0714.00	511	08.0824.14	156	08.8452.00	615	08.8783.30	655	09.0102.30B	719	09.3600.40	656
08.0715.00	511	08.0824.14	201	08.8453.14	615	08.8865.14A	165	09.0102.BZB	719	09.3600.40.CB	656
08.0715.00	511	08.0950.00	305	08.8453.40	615	08.8866.14	165	09.0103.29B	719	09.3600.40.DA	656
08.0716.00	511	08.0951.00	305	08.8479.00	553	08.8866.14	209	09.0103.30B	719	09.3601.14	656
08.0716.00	511	08.0952.00	305	08.8495.14	596	08.8866.14	254	09.0103.BZB	719	09.3601.14.CB	656
08.0717.00	511	08.0953.00	305	08.8495.14	675	08.8867.14	165	09.0104.29A	719	09.3601.14.DA	656
08.0718.00	511	08.0954.14	305	08.8501.64.OD	279	08.8867.14	209	09.0104.30A	719	09.3601.40	656
08.0719.00	511	08.0954.40	305	08.8501.65.OD	279	08.8867.14	254	09.0104.BZA	719	09.3601.40.CB	656
08.0720.00	511	08.0955.14	305	08.8501.66.OD	279	08.8883.14A	169	09.0120.29B	719	09.3601.40.DA	656
08.0721.14	493	08.0955.40	305	08.8501.67.OD	279	08.8883.14A	213	09.0120.30B	719	09.3602.14	656
08.0721.40	493	08.0956.14	305	08.8501.69	279	08.8883.40A	169	09.0120.BZB	719	09.3602.14.CB	656
08.0722.14	493	08.0956.14	305	08.8501.CL	279	08.8883.40A	213	09.0203.14	278	09.3602.14.DA	656
08.0722.40	493	08.0956.40	305	08.8501.DL	279	08.8886.14	169	09.0203.30	278	09.3602.40	656
08.0723.14	493	08.0956.40	305	08.8501.ND	279	08.8886.14.CB	169	09.0217.14C	277	09.3602.40.CB	656
08.0723.40	493	08.0958.00	285	08.8512.00C	754	08.8886.14.DA	169	09.0217.30C	277	09.3602.40.DA	656
08.0724.14	511	08.3309.14	279	08.8513.00C	754	08.8886.40	169	09.0218.14C	277	09.3603.14	656
08.0724.40	511	08.3310.19	279	08.8572.14D	514	08.8886.40.CB	169	09.0218.30C	277	09.3603.14.CB	656
08.0725.14	511	08.8049.14	615	08.8572.14D	514	08.8886.40.DA	169	09.0219.14C	277	09.3603.14.DA	656
08.0725.40	511	08.8118.68	615	08.8572.14D	515	08.8887.14A	167	09.0219.30C	277	09.3603.40	656
08.0726.14	511	08.8119.00	614	08.8572.14D1V	514	08.8887.14A	169	09.0220.14C	278	09.3603.40.CB	656
08.0726.40	511	08.8137.00	614	08.8572.14D1V	514	08.8887.14A	171	09.0220.30C	278	09.3603.40.DA	656
08.0727.00	493	08.8163.68	596	08.8572.14D1V	515	08.8887.40A	167	09.0221.14C	278	09.3604.14	656
08.0728.00	511	08.8163.68	675	08.8572.14DDA	514	08.8887.40A	169	09.0221.30C	278	09.3604.14.CB	656
08.0729.00	493	08.8175.68	596	08.8572.14DDA	514	08.8887.40A	171	09.0230.14	278	09.3604.14.DA	656
08.0730.00	511	08.8175.68	675	08.8572.14DDA	515	08.8889.14	169	09.0230.30	278	09.3604.40	656
08.0731.00	493	08.8182.14	279	08.8573.14D	514	08.8889.14	213	09.0231.14	278	09.3604.40.CB	656
08.0732.00	493	08.8230.64.OD	279	08.8573.14D	514	08.8889.40	169	09.0231.30	278	09.3604.40.DA	656
08.0735.00	511	08.8230.65.OD	279	08.8573.14D	515	08.8889.40	213	09.0232.14	278	09.3605.14	656
08.0736.00	511	08.8230.66.OD	279	08.8573.14D1V	514	08.8974.00	589	09.0232.30	278	09.3605.14.CB	656
08.0739.00	493	08.8230.67.OD	279	08.8573.14D1V	514	08.8975.00	589	09.0233.14	278	09.3605.14.DA	656
08.0740.00	493	08.8230.69	279	08.8573.14D1V	515	08.8976.14	589	09.0233.30	278	09.3605.40	656
08.0741.00	511	08.8230.98.OD	279	08.8573.14DDA	514	08.8977.00	589	09.0360.14	277	09.3605.40.CB	656
08.0742.00	511	08.8230.CL	279	08.8573.14DDA	514	08.8978.00	589	09.0360.30	277	09.3605.40.DA	656
08.0744.00	285	08.8230.DL	279	08.8573.14DDA	515	08.8979.00	589	09.0361.14	277	09.3707.06C	654
08.0745.00	285	08.8230.ND	279	08.8590.06A	758	08.8980.14	589	09.0361.30	277	09.3707.14C	654
08.0746.00	285	08.8242.14	615	08.8590.40A	758	08.8994.14	596	09.0362.14	277	09.3707.30C	654
08.0747.00	285	08.8297.00	755	08.8590.AAA	758	08.8994.30	596	09.0362.30	277	09.3708.06C	654
08.0748.00	285	08.8297.00	774	08.8591.06A	758	08.8995.14	596	09.0365.14A	277	09.3708.14C	654
08.0756.00	460	08.8298.00	774	08.8591.40A	758	08.8995.30	596	09.0365.30A	277	09.3708.30C	654
08.0757.00	481	08.8359.00	614	08.8591.AAA	758	08.9050.02	273	09.0366.14A	277	09.3710.06C	655
08.0761.14	285	08.8363.14	279	08.8595.06A	758	08.9050.40	273	09.0366.30A	277	09.3710.14C	655
08.0761.30	285	08.8363.30	279	08.8595.40A	758	08.9050.NS	273	09.0367.14A	277	09.3710.30C	655
08.0790.00	61	08.8377.14	615	08.8595.AAA	758	08.9051.02	273	09.0367.30A	277	09.3711.06C	655
08.0790.00	153	08.8380.14	279	08.8596.06A	758	08.9051.40	273	09.2110.05C	717	09.3711.14C	655
08.0790.00	177	08.8380.30	279	08.8596.40A	758	08.9051.NS	273	09.2110.05CDA	717	09.3711.30C	655
08.0790.00	233	08.8410.00	596	08.8596.AAA	758	08.9052.02	273	09.2110.14C	717	09.3750.06A	653
08.0790.00	455	08.8410.00	675	08.8627.68	279	08.9052.40	273	09.2110.14CDA	717	09.3750.14A	653
08.0790.00	457	08.8411.00	596	08.8634.00	213	08.9052.NS	273	09.2110.40C	717	09.3750.30A	653
08.0791.00	61	08.8411.00	675	08.8662.14D	514	08.9053.02	273	09.2110.40CDA	717	09.3751.06A	653
08.0791.00	153	08.8413.00	614	08.8662.14D	514	08.9053.40	273	09.2111.05C	717	09.3751.14A	653
08.0791.00	177	08.8414.00	614	08.8662.14D	515	08.9053.NS	273	09.2111.05CDA	717	09.3751.30A	

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Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page	Ref.	Page
09.3781.30A	652	09.3833.CZA	86	09.3903.18A	128	09.3942.40A	86	09.4271.30ADA	663	09.4483.14A	668
09.3800.06A	128	09.3833.CZA	132	09.3903.40A	128	09.3942.40A	133	09.4272.14	663	09.4483.30A	668
09.3800.14A	128	09.3840.1AA	86	09.3903.CZA	128	09.3942.CZA	86	09.4272.14.DA	663	09.4484.14A	668
09.3800.18A	128	09.3840.06A	133	09.3910.06A	129	09.3942.CZA	133	09.4272.30	663	09.4484.30A	668
09.3800.40A	128	09.3840.14A	86	09.3910.14A	129	09.3943.06A	133	09.4272.30.DA	663	09.4485.14A	668
09.3800.CZA	128	09.3840.14A	133	09.3910.18A	129	09.3943.14A	86	09.4281.14	670	09.4485.30A	668
09.3801.06A	128	09.3840.18A	133	09.3910.40A	129	09.3943.14A	133	09.4281.30	670	09.4486.14A	668
09.3801.14A	128	09.3840.40A	86	09.3910.CZA	129	09.3943.18A	133	09.4283.14A	670	09.4486.30A	668
09.3801.18A	128	09.3840.40A	133	09.3911.06A	129	09.3943.40A	86	09.4283.30A	670	09.4487.14A	668
09.3801.40A	128	09.3840.CZA	86	09.3911.14A	129	09.3943.40A	133	09.4285.14	670	09.4487.30A	668
09.3801.CZA	128	09.3840.CZA	133	09.3911.18A	129	09.3943.CZA	86	09.4285.30	670	09.4488.14A	668
09.3802.06A	128	09.3841.1AA	86	09.3911.40A	129	09.3943.CZA	133	09.4286.14	670	09.4488.30A	668
09.3802.14A	128	09.3841.06A	133	09.3911.CZA	129	09.3950.06	133	09.4286.30	670	09.4510.14A	592
09.3802.18A	128	09.3841.14A	86	09.3912.06A	129	09.3950.14	133	09.4287.14A	670	09.4510.14ADA	592
09.3802.40A	128	09.3841.14A	133	09.3912.14A	129	09.3950.18	133	09.4287.30A	670	09.4510.30A	592
09.3802.CZA	128	09.3841.18A	133	09.3912.18A	129	09.3950.40	133	09.4288.14	670	09.4510.30ADA	592
09.3803.06A	128	09.3841.40A	86	09.3912.40A	129	09.3950.CZ	133	09.4288.30	670	09.4511.14A	592
09.3803.14A	128	09.3841.40A	133	09.3912.CZA	129	09.3951.06	133	09.4440.14A	668	09.4511.14ADA	592
09.3803.18A	128	09.3841.CZA	86	09.3913.06A	129	09.3951.14	133	09.4440.14ADA	668	09.4511.30A	592
09.3803.40A	128	09.3841.CZA	133	09.3913.14A	129	09.3951.18	133	09.4440.30A	668	09.4511.30ADA	592
09.3803.CZA	128	09.3842.1AA	86	09.3913.18A	129	09.3951.40	133	09.4440.30ADA	668	09.4512.14A	592
09.3810.06A	129	09.3842.06A	133	09.3913.40A	129	09.3951.CZ	133	09.4441.14A	668	09.4512.14ADA	592
09.3810.14A	129	09.3842.14A	86	09.3913.CZA	129	09.3960.06A	130	09.4441.14ADA	668	09.4512.30A	592
09.3810.18A	129	09.3842.14A	133	09.3920.06A	131	09.3960.14A	130	09.4441.30A	668	09.4512.30ADA	592
09.3810.40A	129	09.3842.18A	133	09.3920.14A	131	09.3960.18A	130	09.4441.30ADA	668	09.4513.14A	592
09.3810.CZA	129	09.3842.40A	86	09.3920.18A	131	09.3960.40A	130	09.4442.14A	668	09.4513.14ADA	592
09.3811.06A	129	09.3842.40A	133	09.3920.40A	131	09.3960.CZA	130	09.4442.14ADA	668	09.4513.30A	592
09.3811.14A	129	09.3842.CZA	86	09.3920.CZA	131	09.3961.06A	130	09.4442.30A	668	09.4513.30ADA	592
09.3811.18A	129	09.3842.CZA	133	09.3921.06A	131	09.3961.14A	130	09.4442.30ADA	668	09.4514.14A	592
09.3811.40A	129	09.3843.1AA	86	09.3921.14A	131	09.3961.18A	130	09.4443.14A	668	09.4514.14ADA	592
09.3811.CZA	129	09.3843.06A	133	09.3921.18A	131	09.3961.40A	130	09.4443.14ADA	668	09.4514.30A	592
09.3812.06A	129	09.3843.14A	86	09.3921.40A	131	09.3961.CZA	130	09.4443.30A	668	09.4514.30ADA	592
09.3812.14A	129	09.3843.14A	133	09.3921.CZA	131	09.3962.06A	130	09.4443.30ADA	668	09.4515.14A	592
09.3812.18A	129	09.3843.18A	133	09.3922.06A	131	09.3962.14A	130	09.4444.14A	668	09.4515.14ADA	592
09.3812.40A	129	09.3843.40A	86	09.3922.14A	131	09.3962.18A	130	09.4444.14ADA	668	09.4515.30A	592
09.3812.CZA	129	09.3843.40A	133	09.3922.18A	131	09.3962.40A	130	09.4444.30A	668	09.4515.30ADA	592
09.3813.06A	129	09.3843.CZA	86	09.3922.40A	131	09.3962.CZA	130	09.4444.30ADA	668	09.4516.14A	592
09.3813.14A	129	09.3843.CZA	133	09.3922.CZA	131	09.3963.06A	130	09.4445.14A	668	09.4516.14ADA	592
09.3813.18A	129	09.3850.06	133	09.3923.06A	131	09.3963.14A	130	09.4445.14ADA	668	09.4516.30A	592
09.3813.40A	129	09.3850.14	133	09.3923.14A	131	09.3963.18A	130	09.4445.30A	668	09.4516.30ADA	592
09.3813.CZA	129	09.3850.18	133	09.3923.18A	131	09.3963.40A	130	09.4445.30ADA	668	09.4517.14A	592
09.3820.06A	131	09.3850.40	133	09.3923.40A	131	09.3963.CZA	130	09.4450.14A	668	09.4517.14ADA	592
09.3820.14A	131	09.3850.CZ	133	09.3923.CZA	131	09.3964.06A	130	09.4450.14ADA	668	09.4517.30A	592
09.3820.18A	131	09.3851.06	133	09.3930.06A	132	09.3964.14A	130	09.4450.30A	668	09.4517.30ADA	592
09.3820.40A	131	09.3851.14	133	09.3930.14A	86	09.3964.18A	130	09.4450.30ADA	668	09.4518.14A	592
09.3820.CZA	131	09.3851.18	133	09.3930.14A	132	09.3964.40A	130	09.4451.14A	668	09.4518.14ADA	592
09.3821.06A	131	09.3851.40	133	09.3930.18A	132	09.3964.CZA	130	09.4451.14ADA	668	09.4518.30A	592
09.3821.14A	131	09.3851.CZ	133	09.3930.40A	86	09.3965.06A	130	09.4451.30A	668	09.4518.30ADA	592
09.3821.18A	131	09.3860.06A	130	09.3930.40A	132	09.3965.14A	130	09.4451.30ADA	668	09.4519.14A	593
09.3821.40A	131	09.3860.14A	130	09.3930.CZA	86	09.3965.18A	130	09.4452.14A	668	09.4519.14ADA	593
09.3821.CZA	131	09.3860.18A	130	09.3930.CZA	132	09.3965.40A	130	09.4452.14ADA	668	09.4519.30A	593
09.3822.06A	131	09.3860.40A	130	09.3931.06A	132	09.3965.CZA	130	09.4452.30A	668	09.4519.30ADA	593
09.3822.14A	131	09.3860.CZA	130	09.3931.14A	86	09.4243.14	670	09.4452.30ADA	668	09.4520.14A	593
09.3822.18A	131	09.3861.06A	130	09.3931.14A	132	09.4243.14.DA	670	09.4460.14A	661	09.4520.14ADA	593
09.3822.40A	131	09.3861.14A	130	09.3931.18A	132	09.4243.30	670	09.4460.14ADA	661	09.4520.30A	593
09.3822.CZA	131	09.3861.18A	130	09.3931.40A	86	09.4243.30.DA	670	09.4460.30A	661	09.4520.30ADA	593
09.3823.06A	131	09.3861.40A	130	09.3931.40A	132	09.4244.14A	670	09.4460.30ADA	661	09.4521.14A	593
09.3823.14A	131	09.3861.CZA	130	09.3931.CZA	86	09.4244.14ADA	670	09.4461.14A	661	09.4521.14ADA	593
09.3823.18A	131	09.3862.06A	130	09.3931.CZA	132	09.4244.30A	670	09.4461.14ADA	661	09.4521.30A	593
09.3823.40A	131	09.3862.14A	130	09.3932.06A	132	09.4244.30ADA	670	09.4461.30A	661	09.4521.30ADA	593
09.3823.CZA	131	09.3862.18A	130	09.3932.14A	86	09.4245.14	670	09.4461.30ADA	661	09.4522.14A	593
09.3830.1AA	86	09.3862.40A	130	09.3932.14A	132	09.4245.14.DA	670	09.4462.14A	661	09.4522.14ADA	593
09.3830.06A	132	09.3862.CZA	130	09.3932.18A	132	09.4245.30	670	09.4462.14ADA	661	09.4522.30A	593
09.3830.14A	86	09.3863.06A	130	09.3932.40A	86	09.4245.30.DA	670	09.4462.30A	661	09.4522.30ADA	593
09.3830.14A	132	09.3863.14A	130	09.3932.40A	132	09.4250.14	670	09.4462.30ADA	661	09.4523.14A	593
09.3830.18A	132	09.3863.18A	130	09.3932.CZA	86	09.4250.14.DA	670	09.4463.14A	661	09.4523.14ADA	593
09.3830.40A	86	09.3863.40A	130	09.3932.CZA	132	09.4250.30	670	09.4463.14ADA	661	09.4523.30A	593
09.3830.40A	132	09.3863.CZA	130	09.3933.06A	132	09.4250.30.DA	670	09.4463.30A	661	09.4523.30ADA	593
09.3830.CZA	86	09.3864.06A	130	09.3933.14A	86	09.4251.14A	670	09.4463.30ADA	661	09.4524.14A	593
09.3830.CZA	132	09.3864.14A	130	09.3933.14A	132	09.4251.14ADA	670	09.4464.14A	661	09.4524.14ADA	593
09.3831.1AA	86	09.3864.18A	130	09.3933.18A	132	09.4251.30A	670	09.4464.14ADA	661	09.4524.30A	593
09.3831.06A	132	09.3864.40A	130	09.3933.40A	86	09.4251.30ADA	670	09.4464.30A	661	09.4524.30ADA	593
09.3831.14A	86	09.3864.CZA	130	09.3933.40A	132	09.4252.14	670	09.4464.30ADA	661	09.4525.14A	593
09.3831.14A	132	09.3865.06A	130	09.3933.CZA	86	09.4252.14.DA	670	09.4465.14A	661	09.4525.14ADA	593
09.3831.18A	132	09.3865.14A	130	09.3933.CZA	132	09.4252.30	670	09.4465.14ADA	661	09.4525.30A	593
09.3831.40A	86	09.3865.18A	130	09.3940.06A	133	09.4252.30.DA	670	09.4465.30A	661	09.4525.30ADA	593
09.3831.40A	132	09.3865.40A	130	09.3940.14A	86	09.4263.14	663	09.4465.30ADA	661	09.4526.14A	593
09.3831.CZA	86	09.3865.CZA	130	09.3940.14A	133	09.4263.14.DA	663	09.4470.14A	661	09.4526.14ADA	593
09.3831.CZA	132	09.3900.06A	128	09.3940.18A	133	09.4263.30	663	09.4470.14ADA	661	09.4526.30A	593
09.3832.1AA	86	09.3900.14A	128	09.3940.40A	86	09.4263.30.DA	663	09.4470.30A	661	09.4526.30ADA	593
09.3832.06A	132	09.3900.18A	128	09.3940.40A	133	09.4264.14A	663	09.4470.30ADA	661	09.4527.14A	593
09.3832.14A	86	09.3900.40A	128	09.3940.CZA	86	09.4264.14ADA	663	09.4471.14A	661	09.4527.14ADA	593
09.3832.14A	132	09.3900.CZA	128	09.3940.CZA	133	09.4264.30A	663	09.4471.14ADA	661	09.4527.30A	593
09.3832.18A	132	09.3901.06A									

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09.4842.30ADA	669	09.4914.14A	594	09.5021.30BDA	709	09.7300.40A78	244	09.7504.14.DA	674	09.7735.14	666
09.4843.14A	669	09.4914.14BDA	594	09.5025.30B	709	09.7301.14A	244	09.7504.40	674	09.7735.14.DA	666
09.4843.14ADA	669	09.4914.30A	594	09.5025.30BDA	709	09.7301.40A	244	09.7504.40.78	674	09.7735.30	666
09.4843.30A	669	09.4914.30BDA	594	09.5026.30B	709	09.7301.40A78	244	09.7504.40.DA	674	09.7735.30.78	666
09.4843.30ADA	669	09.4915.14A	594	09.5026.30BDA	709	09.7302.14A	244	09.7504.40.YU	674	09.7735.30.DA	666
09.4844.14A	669	09.4915.14BDA	594	09.5040.30B	710	09.7302.40A	244	09.7505.14	674	09.7735.30.YU	666
09.4844.14ADA	669	09.4915.30A	594	09.5040.30BDA	710	09.7302.40A78	244	09.7505.14.DA	674	09.7750.14A	665
09.4844.30A	669	09.4915.30BDA	594	09.5041.30B	710	09.7303.14A	244	09.7505.40	674	09.7750.14ADA	665
09.4844.30ADA	669	09.4916.14A	594	09.5041.30BDA	710	09.7303.40A	244	09.7505.40.78	674	09.7750.30A	665
09.4845.14A	669	09.4916.14BDA	594	09.5045.30B	710	09.7303.40A78	244	09.7505.40.DA	674	09.7750.30A78	665
09.4845.14ADA	669	09.4916.30A	594	09.5045.30BDA	710	09.7304.14A	244	09.7505.40.YU	674	09.7750.30ADA	665
09.4845.30A	669	09.4916.30BDA	594	09.5046.30B	710	09.7304.40A	244	09.7700.14A	664	09.7750.30AYU	665
09.4845.30ADA	669	09.4917.14A	594	09.5046.30BDA	710	09.7304.40A78	244	09.7700.14ADA	664	09.7751.14A	665
09.4850.14A	669	09.4917.14BDA	594	09.6020.30B	711	09.7305.14A	244	09.7700.30A	664	09.7751.14ADA	665
09.4850.14ADA	669	09.4917.30A	594	09.6020.30BDA	711	09.7305.40A	244	09.7700.30A78	664	09.7751.30A	665
09.4850.30A	669	09.4917.30BDA	594	09.6021.30B	711	09.7305.40A78	244	09.7700.30ADA	664	09.7751.30A78	665
09.4850.30ADA	669	09.4918.14A	594	09.6021.30BDA	711	09.7306.14A	244	09.7700.30AYU	664	09.7751.30ADA	665
09.4851.14A	669	09.4918.14BDA	594	09.6040.30B	711	09.7306.40A	244	09.7701.14A	664	09.7751.30AYU	665
09.4851.14ADA	669	09.4918.30A	594	09.6040.30BDA	711	09.7306.40A78	244	09.7701.14ADA	664	09.7752.14A	665
09.4851.30A	669	09.4918.30BDA	594	09.6041.30B	711	09.7307.14A	244	09.7701.30A	664	09.7752.14ADA	665
09.4851.30ADA	669	09.4919.14A	595	09.6041.30BDA	711	09.7307.40A	244	09.7701.30A78	664	09.7752.30A	665
09.4852.14A	669	09.4919.14BDA	595	09.7210.14B	243	09.7307.40A78	244	09.7701.30ADA	664	09.7752.30A78	665
09.4852.14ADA	669	09.4919.30A	595	09.7210.40B	243	09.7308.14A	244	09.7701.30AYU	664	09.7752.30ADA	665
09.4852.30A	669	09.4919.30BDA	595	09.7210.40B78	243	09.7308.40A	244	09.7702.14A	664	09.7752.30AYU	665
09.4852.30ADA	669	09.4920.14A	595	09.7211.14B	243	09.7308.40A78	244	09.7702.14ADA	664	09.7753.14A	665
09.4860.14A	662	09.4920.14BDA	595	09.7211.40B	243	09.7310.14A	673	09.7702.30A	664	09.7753.14ADA	665
09.4860.14BDA	662	09.4920.30A	595	09.7211.40B78	243	09.7310.40A	673	09.7702.30A78	664	09.7753.30A	665
09.4860.30A	662	09.4920.30BDA	595	09.7212.14B	243	09.7310.40A78	673	09.7702.30ADA	664	09.7753.30A78	665
09.4860.30BDA	662	09.4921.14A	595	09.7212.40B	243	09.7311.14A	673	09.7702.30AYU	664	09.7753.30ADA	665
09.4861.14A	662	09.4921.14BDA	595	09.7212.40B78	243	09.7311.40A	673	09.7703.14A	664	09.7753.30AYU	665
09.4861.14BDA	662	09.4921.30A	595	09.7213.14B	243	09.7311.40A78	673	09.7703.14ADA	664	09.7754.14A	665
09.4861.30A	662	09.4921.30BDA	595	09.7213.40B	243	09.7312.14A	673	09.7703.30A	664	09.7754.14ADA	665
09.4861.30BDA	662	09.4922.14A	595	09.7213.40B78	243	09.7312.40A	673	09.7703.30A78	664	09.7754.30A	665
09.4862.14A	662	09.4922.14BDA	595	09.7214.14B	243	09.7312.40A78	673	09.7703.30ADA	664	09.7754.30A78	665
09.4862.14BDA	662	09.4922.30A	595	09.7214.40B	243	09.7313.14A	673	09.7703.30AYU	664	09.7754.30ADA	665
09.4862.30A	662	09.4922.30BDA	595	09.7214.40B78	243	09.7313.40A	673	09.7704.14A	664	09.7754.30AYU	665
09.4862.30BDA	662	09.4923.14A	595	09.7215.14B	243	09.7313.40A78	673	09.7704.14ADA	664	09.7755.14A	665
09.4863.14A	662	09.4923.14BDA	595	09.7215.40B	243	09.7314.14A	673	09.7704.30A	664	09.7755.14ADA	665
09.4863.14BDA	662	09.4923.30A	595	09.7215.40B78	243	09.7314.40A	673	09.7704.30A78	664	09.7755.30A	665
09.4863.30A	662	09.4923.30BDA	595	09.7216.14B	243	09.7314.40A78	673	09.7704.30ADA	664	09.7755.30A78	665
09.4863.30BDA	662	09.4924.14A	595	09.7216.40B	243	09.7315.14A	673	09.7704.30AYU	664	09.7755.30ADA	665
09.4864.14A	662	09.4924.14BDA	595	09.7216.40B78	243	09.7315.40A	673	09.7705.14A	664	09.7755.30AYU	665
09.4864.14BDA	662	09.4924.30A	595	09.7217.14B	243	09.7315.40A78	673	09.7705.14ADA	664	09.7756.14A	665
09.4864.30A	662	09.4924.30BDA	595	09.7217.40B	243	09.7316.14A	673	09.7705.30A	664	09.7756.14ADA	665
09.4864.30BDA	662	09.4925.14A	595	09.7217.40B78	243	09.7316.40A	673	09.7705.30A78	664	09.7756.30A	665
09.4865.14A	662	09.4925.14BDA	595	09.7218.14B	243	09.7316.40A78	673	09.7705.30ADA	664	09.7756.30A78	665
09.4865.14BDA	662	09.4925.30A	595	09.7218.40B	243	09.7317.14A	673	09.7705.30AYU	664	09.7756.30ADA	665
09.4865.30A	662	09.4925.30BDA	595	09.7218.40B78	243	09.7317.40A	673	09.7706.14A	664	09.7756.30AYU	665
09.4865.30BDA	662	09.4926.14A	595	09.7270.14B	672	09.7317.40A78	673	09.7706.14ADA	664	09.7757.14A	665
09.4870.14A	662	09.4926.14BDA	595	09.7270.40B	672	09.7318.14A	673	09.7706.30A	664	09.7757.14ADA	665
09.4870.14BDA	662	09.4926.30A	595	09.7270.40B78	672	09.7318.40A	673	09.7706.30A78	664	09.7757.30A	665
09.4870.30A	662	09.4926.30BDA	595	09.7271.14B	672	09.7318.40A78	673	09.7706.30ADA	664	09.7757.30A78	665
09.4870.30BDA	662	09.4927.14A	595	09.7271.40B	672	09.7320.14A	690	09.7706.30AYU	664	09.7757.30ADA	665
09.4871.14A	662	09.4927.14BDA	595	09.7271.40B78	672	09.7320.40A	690	09.7707.14A	664	09.7757.30AYU	665
09.4871.14BDA	662	09.4927.30A	595	09.7272.14B	672	09.7321.14A	690	09.7707.14ADA	664	09.7758.14A	665
09.4871.30A	662	09.4927.30BDA	595	09.7272.40B	672	09.7321.40A	690	09.7707.30A	664	09.7758.14ADA	665
09.4871.30BDA	662	09.4950.14A	671	09.7272.40B78	672	09.7322.14A	690	09.7707.30A78	664	09.7758.30A	665
09.4872.14A	662	09.4950.14ADA	671	09.7273.14B	672	09.7322.40A	690	09.7707.30ADA	664	09.7758.30A78	665
09.4872.14BDA	662	09.4950.30A	671	09.7273.40B	672	09.7323.14A	690	09.7707.30AYU	664	09.7758.30ADA	665
09.4872.30A	662	09.4950.30ADA	671	09.7273.40B78	672	09.7323.40A	690	09.7708.14A	664	09.7758.30AYU	665
09.4872.30BDA	662	09.4951.14A	671	09.7274.14B	672	09.7324.14A	690	09.7708.14ADA	664	09.7770.14A	667
09.4880.14A	669	09.4951.30A	671	09.7274.40B	672	09.7324.40A	690	09.7708.30A	664	09.7770.14ADA	667
09.4880.30A	669	09.4953.14A	671	09.7274.40B78	672	09.7325.14A	690	09.7708.30A78	664	09.7770.30A	667
09.4881.14A	669	09.4953.14ADA	671	09.7275.14B	672	09.7325.40A	690	09.7708.30ADA	664	09.7770.30A78	667
09.4881.30A	669	09.4953.30A	671	09.7275.40B	672	09.7326.14A	690	09.7708.30AYU	664	09.7770.30ADA	667
09.4882.14A	669	09.4953.30ADA	671	09.7275.40B78	672	09.7326.40A	690	09.7730.14	666	09.7770.30AYU	667
09.4882.30A	669	09.4954.14A	671	09.7276.14B	672	09.7327.14A	690	09.7730.14.DA	666	09.7771.14A	667
09.4883.14A	669	09.4954.30A	671	09.7276.40B	672	09.7327.40A	690	09.7730.30	666	09.7771.14ADA	667
09.4883.30A	669	09.4956.14A	671	09.7276.40B78	672	09.7328.14A	690	09.7730.30.78	666	09.7771.30A	667
09.4884.14A	669	09.4956.14ADA	671	09.7277.14B	672	09.7328.40A	690	09.7730.30.DA	666	09.7771.30A78	667
09.4884.30A	669	09.4956.30A	671	09.7277.40B	672	09.7370.14	245	09.7730.30.YU	666	09.7771.30ADA	667
09.4885.14A	669	09.4956.30ADA	671	09.7277.40B78	672	09.7370.40	245	09.7731.14A	666	09.7771.30AYU	667
09.4885.30A	669	09.4957.14A	671	09.7278.14B	672	09.7370.40.78	245	09.7731.14ADA	666	09.7772.14A	667
09.4886.14A	669	09.4957.30A	671	09.7278.40B	672	09.7371.14	245	09.7731.30A	666	09.7772.14ADA	667
09.4886.30A	669	09.4980.14	671	09.7278.40B78	672	09.7371.40	245	09.7731.30A78	666	09.7772.30A	667
09.4887.14A	669	09.4980.14ADA	671	09.7290.14B	689	09.7371.40.78	245	09.7731.30ADA	666	09.7772.30A78	667
09.4887.30A	669	09.4980.30	671	09.7290.40B	689	09.7372.14	245	09.7731.30AYU	666	09.7772.30ADA	667
09.4888.14A	669	09.4980.30ADA	671	09.7291.14B	689	09.7372.40	245	09.7732.14	666	09.7772.30AYU	667
09.4888.30A	669	09.4981.14	671	09.7291.40B	689	09.7372.40.78	245	09.7732.14.DA	666	09.8000.1A	82
09.4910.14A	594	09.4981.14ADA	671	09.7292.14B	689	09.7373.14	674	09.7732.30	666	09.8000.14	82
09.4910.14BDA	594	09.4981.30	671	09.7292.40B	689	09.7373.40	6				

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09.8004.14	82	09.8034.1A	85	09.8114.WA.PC	644	09.8211.WA.DA	648	09.8231.DY	309	60.3008.11	725
09.8004.40	82	09.8034.14	85	09.8115.DR	644	09.8211.WA.PC	647	09.8232.AH	309	60.3008.14	725
09.8004.CZ	82	09.8034.40	85	09.8115.DRACB	646	09.8212.DR	647	09.8232.DR	309	60.3014.11	213
09.8005.1A	82	09.8034.CZ	85	09.8115.DR.DA	645	09.8212.DRACB	649	09.8232.DV	309	60.3014.11	725
09.8005.14	82	09.8035.1A	85	09.8115.DR.PC	644	09.8212.DR.DA	648	09.8232.DW	309	60.3014.14	213
09.8005.40	82	09.8035.14	85	09.8115.WA	644	09.8212.DR.PC	647	09.8232.DX	309	60.3014.14	725
09.8005.CZ	82	09.8035.40	85	09.8115.WAACB	646	09.8212.WA	647	09.8232.DY	309	60.3016.11	726
09.8006.1A	82	09.8035.CZ	85	09.8115.WA.DA	645	09.8212.WAACB	649	09.8300.AH	307	60.3016.12	726
09.8006.14	82	09.8036.1A	85	09.8115.WA.PC	644	09.8212.WA.DA	648	09.8300.DR	307	60.3016.14	726
09.8006.40	82	09.8036.14	85	09.8116.DR	644	09.8212.WA.PC	647	09.8300.DV	307	60.3018.11	725
09.8006.CZ	82	09.8036.40	85	09.8116.DRACB	646	09.8213.DR	647	09.8300.DW	307	60.3018.14	725
09.8007.1A	82	09.8036.CZ	85	09.8116.DR.DA	645	09.8213.DRACB	649	09.8300.DX	307	60.3022.11	726
09.8007.14	82	09.8037.1A	85	09.8116.DR.PC	644	09.8213.DR.DA	648	09.8300.DY	307	60.3022.14	726
09.8007.40	82	09.8037.14	85	09.8116.WA	644	09.8213.DR.PC	647	09.8301.AH	307	60.3023.11	726
09.8007.CZ	82	09.8037.40	85	09.8116.WAACB	646	09.8213.WA	647	09.8301.DR	307	60.3023.14	726
09.8010.1A	83	09.8037.CZ	85	09.8116.WA.DA	645	09.8213.WAACB	649	09.8301.DV	307	60.3023.29	726
09.8010.14	83	09.8100.DR	246	09.8116.WA.PC	644	09.8213.WA.DA	648	09.8301.DW	307	60.3025.11	725
09.8010.40	83	09.8100.DR.PC	246	09.8117.DR	644	09.8213.WA.PC	647	09.8301.DX	307	60.3025.14	725
09.8010.CZ	83	09.8100.WA	246	09.8117.DRACB	646	09.8214.DR	647	09.8301.DY	307	60.3025.29	725
09.8011.1A	83	09.8100.WA.PC	246	09.8117.DR.DA	645	09.8214.DRACB	649	09.8302.AH	307	60.3028.11	726
09.8011.14	83	09.8101.DR	246	09.8117.DR.PC	644	09.8214.DR.DA	648	09.8302.DR	307	60.3028.11ADA	726
09.8011.40	83	09.8101.DR.PC	246	09.8117.WA	644	09.8214.DR.PC	647	09.8302.DV	307	60.3028.14	726
09.8011.CZ	83	09.8101.WA	246	09.8117.WAACB	646	09.8214.WA	647	09.8302.DW	307	60.3028.14ADA	726
09.8012.1A	83	09.8101.WA.PC	246	09.8117.WA.DA	645	09.8214.WAACB	649	09.8302.DX	307	60.3028.29	726
09.8012.14	83	09.8102.DR	246	09.8117.WA.PC	644	09.8214.WA.DA	648	09.8302.DY	307	60.3028.29ADA	726
09.8012.40	83	09.8102.DR.PC	246	09.8118.DR	644	09.8214.WA.PC	647	09.8310.AH	307	60.3029.11	726
09.8012.CZ	83	09.8102.WA	246	09.8118.DRACB	646	09.8215.DR	647	09.8310.DR	307	60.3029.11ADA	726
09.8013.1A	83	09.8102.WA.PC	246	09.8118.DR.DA	645	09.8215.DRACB	649	09.8310.DV	307	60.3029.14	726
09.8013.14	83	09.8103.DR	246	09.8118.DR.PC	644	09.8215.DR.DA	648	09.8310.DW	307	60.3029.14ADA	726
09.8013.40	83	09.8103.DR.PC	246	09.8118.WA	644	09.8215.DR.PC	647	09.8310.DX	307	60.3029.29	726
09.8013.CZ	83	09.8103.WA	246	09.8118.WAACB	646	09.8215.WA	647	09.8310.DY	307	60.3029.29ADA	726
09.8014.1A	83	09.8103.WA.PC	246	09.8118.WA.DA	645	09.8215.WAACB	649	09.8311.AH	307	60.3036.11	726
09.8014.14	83	09.8104.DR	246	09.8118.WA.PC	644	09.8215.WA.DA	648	09.8311.DR	307	60.3036.11ADA	726
09.8014.40	83	09.8104.DR.PC	246	09.8119.DR	644	09.8215.WA.PC	647	09.8311.DV	307	60.3036.14	726
09.8014.CZ	83	09.8104.WA	246	09.8119.DRACB	646	09.8216.DR	647	09.8311.DW	307	60.3036.14ADA	726
09.8015.1A	83	09.8104.WA.PC	246	09.8119.DR.DA	645	09.8216.DRACB	649	09.8311.DX	307	60.3036.29	726
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09.8015.40	83	09.8105.DR.PC	246	09.8119.WA	644	09.8216.DR.PC	647	09.8312.AH	307	60.3037.11	726
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09.8016.14	83	09.8106.DR	246	09.8119.WA.PC	644	09.8216.WA.DA	648	09.8312.DW	307	60.3037.14ADA	726
09.8016.40	83	09.8106.DR.PC	246	09.8200.DR	247	09.8216.WA.PC	647	09.8312.DX	307	60.3037.29	726
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info.norge@flos.com

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Sweden  
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info.se@flos.com

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Denmark  
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Tel +33 (0) 1 40 64 17 44  
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SWITZERLAND**  
Flos GmbH  
Obermünsterstraße 18  
93047 Regensburg,  
Germany  
Tel +49 941 630837 00  
Fax +49 941 630837 60  
info@flos-gmbh.de

**UNITED KINGDOM**  
Atrium Ltd.  
28 Leonard Street  
EC2A 4BY London  
Tel +44 (0) 20 7681 9933  
Fax +44 (0) 20 7681 9943  
flos@atrium.ltd.uk

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Antares Iluminacion Pte Ltd  
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**CHINA**  
Flos Illumination  
(Shanghai) Co. Ltd.  
Unit 101, Floor 1, Building B9  
No. 800 of Chang De road  
Jing An District, Shanghai,  
200040, China  
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floschina@flos.com  
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Tel +86 1392 9975 703  
alan.wong@flos.com

**LATIN AMERICA**  
Flos LatAm  
M +52 55 6960 1772  
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**INDIA**  
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flosindia@flos.com

**U.S.A.**  
Flos USA Inc.  
40-20 22nd Street - 3rd Floor  
Long Island City, NY 11101  
Tel +1 (800) 841 4011  
info@flosusa.com

**MIDDLE EAST**  
Antares Iluminacion S.A.  
Dubai Design District  
Building 1B, Office 303  
P.O.Box number 333025  
Dubai, United Arab Emirates  
Tel: +971 4 566 0123  
Mob: +971 543567356

**HONG KONG**  
M +852 9307 3713  
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## SHOWROOMS

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Kuglegaardsvej 13-17  
1434 Copenhagen K  
Denmark  
Tel +4533886000  
info.dk@flos.com

**AMSTERDAM**  
Cruquiusweg 109S  
1019 AG Amsterdam  
The Netherlands  
Tel +31 (0) 20 560 50 60  
showroom.amsterdam@flos.com

**OSLO**  
Drammensveien 120  
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Tel +47 (0) 2212 86 00  
Fax +47 (0) 2212 86 08  
info.norge@flos.com

**MILANO**  
Corso Monforte, 15  
20122 Milano  
Tel +39 02 79 84 57  
Fax +39 02 89 78 56 41  
showroom.milan@flos.com

**PARIS**  
20-22, Passage Dauphine  
75006 Paris  
Tel +33 (0) 1 40 64 17 44  
flos.france@flos.com

**TOKYO**  
PMC Building 8F  
1-23-5 Higashiazabu  
Minato-Ku  
Tokyo 104-0044  
Tel: +81 (0)3 3582 1468  
Fax: +81 (0)3 3582 0974  
showroom.tokyo@flos.com

## FLAGSHIP STORES

**MILANO**  
Corso Monforte, 9  
20122 - Milano  
Tel +39 02 37011080  
Fax +39 02 780833  
shop.milan@flos.com

**ROMA**  
Via del Babuino, 85  
00187 - Roma  
Tel +39 06 3207631  
Fax +39 06 3207690  
flosroma@flos.com

**NEW YORK**  
135 Madison Ave  
New York, NY 10016  
Tel +1 212 941 4760  
Fax +1 212 941 4763  
info@flosusa.com

**PARIS**  
15, Rue de Bourgogne  
75007 - Paris  
Tel +33 (0) 1 53 85 49 93  
Fax +33 (0) 1 53 85 49 99  
flosparis@flos.com

**LYON**  
17 Rue Jarente  
69002 - Lyon  
Tel +33 478621301  
Fax +33 478622119  
floslyon@flos.com

**STOCKHOLM**  
FLOS Sverige  
Lützensgatan 1  
11520 Stockholm  
Sweden  
Tel +46086604405  
info.se@flos.com

## CONTACT

ITALY  
Flos Spa  
Via Angelo Faini, 2  
25073 Bovezzo (Brescia)  
Tel +39 0302438.1  
Fax +39 0302438.250  
info@flos.com

SPAIN  
Antares Iluminación S.A.U.  
Calle Mallorca, 1  
Polígono Industrial Reva  
46394 Ribarroja (Valencia)  
Tel +34 96 166 95 20  
Fax +34 96 166 82 86  
flos.architectural@flos.com

## CREDITS

ART DIRECTION  
Apartamento Studios

GRAPHIC DESIGN  
Apartamento Studios

PHOTO PRODUCT / RENDERING  
Piero Fasanotto  
Jorge Herrera  
Mozing Studio  
Salvador Martin

LAYOUT  
Flos Architectural Team

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