

# Incassi - Sistemi tecnici - Recessed - Technical systems

Incassi - Sistemi tecnici  
Recessed - Technical systems

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**WORK IN PROGRESS - WORK IN PROGRESS - WORK IN PROGRESS - WORK IN PROGRESS - WORK IN PROGRESS**

Referenze - Reference: Trony - Via Torino - Milano - Italy



Incassi - Sistemi tecnici  
Recessed - Technical systems

Technical  
system

# LED Zante Q

Questo prodotto non è di produzione Cinese  
*This product is not made in China*



Referenze - Reference: Trony - Napoli - Italy

Plafoniera per ambienti dove è necessaria luce senza un particolare controllo del flusso luminoso:  
ambienti comuni, corridoi, scale, laboratori, sale riunioni, negozi, ecc. Adatta per controsoffitti con struttura in vista (montaggio in appoggio). Lo schermo opale da alla lampada una luce omogenea di gradevole effetto sia estetico che funzionale. L'accessorio Zante LED EMER consente il funzionamento in emergenza con un flusso del 35% per 1 ora. Nessuna emissione di UV o infrarossi (non scoloriscono o scaldano gli oggetti, quadri etc..)

Zante LED è l'unica plafoniera con tecnologia LED in grado di consumare il 70% in meno di una classica plafoniera 4x18W o 2x58W fornendo però la stessa uniformità e quasi lo stesso valore di illuminamento.

**Dopo qualche anno i tubi fluorescenti perdono luminosità (anche fino al 20%); con i LED il problema non si pone, la luminosità resta costante anche dopo anni.**

Accessori a richiesta:

- Telaio per installazione su controsoffitti in cartongesso (Cod. 000101),
- Per installazione a soffitto (Cod. 000102).
- Kit per montaggio a sospensione (Cod. 31300)

**Installazione:** montaggio in appoggio sulla struttura a "T" del controsoffitto

**Corpo:** alluminio estruso verniciato bianco

**Ottica:** composta da lastra in tecnopolimero di spessore 4mm

**Diffusore:** lastra in tecnopolimero opale spessore 2mm

**Sorgente:** LED. **LUMILEDS PHILIPS.**

Alimentazione elettronica esclusa.

*Ceiling light for places requiring no particular light control: normal rooms, corridors, stairways, laboratories, meeting rooms, shops, etc. Suitable for false ceilings with exposed structure (lay-in installation).*

*The opal screen provides an evenly distributed light that is both functional and pleasant to the eye. The Zante LED EMER ensures emergency operation for 1 hour at 35% the normal capacity.*

*No UV or irradiation in the beam (objects are not discoloured or heated)*

*Zante LED is the only LED ceiling light that consumes 70% less than a classic 4x18W or 2x58W ceiling light while providing the same even lighting and almost the same illuminance.*

**Fluorescent tubes lose their luminosity after a few years (by up to 20%); LED lights however do not have this problem and can retain constant luminosity for many years.**

Optional accessories:

- Frame for mounting on plasterboard false ceilings (Cod. 000101).
- Coffers for ceiling/wall installation (Cod. 000102).
- Kit for suspension mounting (Cod. 31300)

*Powered suitable for museums, show rooms, exposures. No UV or irradiation in the beam (object are not discoloured or heated)*

**Installation:** lay-in installation on T-beams of false ceiling

**Body:** extruded aluminium painted white

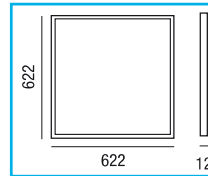
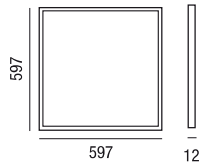
**Optics:** 4 mm engineering plastic sheet

**Diffuser:** 2 mm opal engineering plastic sheet

**Source:** LED. **LUMILEDS PHILIPS.**

Electronic ballast not included.

**LED Zante Q**



Solo per il mercato tedesco  
For German market only

A richiesta dimmerabile  
0÷10V  
On request *dimable* 0÷10V



A richiesta  
On request  
**CRI >90**



> 50.000 h  
40W LED

15.000 h  
4x18W

colour	W *	Vin		Lm	K	pcs	Kg	S + L	Euro
<input type="checkbox"/> B	18÷43	20,5÷23	<input type="checkbox"/> B LED	Vedi tabella - See Table	3000	005	6,00	25932	145,00
<input type="checkbox"/> B	18÷43	20,5÷23	<input type="checkbox"/> B LED	Vedi tabella - See Table	6000	005	6,00	25931	145,00
<input type="checkbox"/> B	18÷43	20,5÷23	<input type="checkbox"/> B LED	Vedi tabella - See Table	4000	005	6,00	25930	145,00

colour	W *	Vin		Lm	K	pcs	Kg	S + L	Euro
<input type="checkbox"/> B	18÷43	20,5÷23	<input type="checkbox"/> B LED	Vedi tabella - See Table	3000	005	6,00	25932/D	145,00
<input type="checkbox"/> B	18÷43	20,5÷23	<input type="checkbox"/> B LED	Vedi tabella - See Table	6000	005	6,00	25931/D	145,00
<input type="checkbox"/> B	18÷43	20,5÷23	<input type="checkbox"/> B LED	Vedi tabella - See Table	4000	005	6,00	25930/D	145,00

\* Escluse le perdite dell'alimentatore - The values in W are calculated excluding losses in power supply

**Accessori non inclusi - Accessories not included**



Art.	W	V	Hz	Vout	ta °C	tc °C	λ	LxPxH (mm)	Code	Euro Cad.
MINILED 24-45	13÷45	220÷240	50÷60	20,5÷28 dc	-20...50	85	0,90	185x46x38	RN1432	30,00

Apparecchio per uso indipendente - Independent driver

A richiesta - On demand: 110V


Dip						Potenza - Power		3000K	4000K	6000K
1	2	3	4	5	6	Volt	Watt *	Lumen	Lumen	Lumen
•	•	•	•	•	•	20,5	18	1591	1591	1591
•	•	•	ON	•	•	20,7	21	1989	1989	1989
•	•	ON	•	•	•	21,0	24	2264	2264	2264
•	•	ON	ON	•	•	21,5	27	2461	2461	2461
•	ON	•	•	•	•	21,7	30	2728	2728	2728
•	ON	•	ON	•	•	22,0	35	2923	2923	2923
•	ON	ON	•	•	•	22,4	40	3433	3433	3433
•	ON	ON	ON	•	•	22,7	44	3491	3491	3491
ON	•	•	•	•	•	23,0	48	3817	3817	3817

\* ± 5% comprese le perdite dell'alimentatore - ± 5% including losses in power supply

\*\* Valori in Lm riferiti al valore nominale del costruttore di LED  
Value in Lm are referred to the nominal value of the manufacturer of the Led


La lampada viene fornita con il settaggio così evidenziato - The lamp is supplied with the reported settings



Articolo - Article	Codice - Code	(mm)	Vdc IN	Vac IN	Hz	W	N° Led Min Max	Vout Vdc	ta °C	tc °C	PFC	Iout mA	Euro	
	PTDCC/40/Z	PTDCC/40/Z	71,5x157x34	176-264	100-240	50/60	40	5-8	20-30	-40...50	75	OK	1400	26,00

Apparecchio per uso indipendente - Independent driver



Articolo - Article	Codice Code	(mm)	Vdc IN	DIM	Vac IN	DIM	Hz	W		N° Led Min Max	Vout Vdc	ta °C	tc °C	PFC	Iout mA	Euro	
								110-120V	220-240V								
	JOLLY POWERLED 60	RN9166	185x46x38	176-264	S10	110-240	S10 P	50/60	30	33	6-12 Multichip	55	-20..40	75	OK	700	50,00
									40	45	Multichip					1000	
									40	52	Multichip					1200	
									40	55	Multichip					1300	
									40	55	Multichip					1400	
									40	60	Multichip					1600	

Apparecchio per uso indipendente - Independent driver

Regolazione della luminosità 0-10V con interfaccia Jolly Omega  
 0-10V brightness adjustment with Jolly Omega interface

Funzione PUSH tramite pulsanti NA; con una pressione breve si ottengono l'accensione e lo spegnimento, con una pressione prolungata si ottiene la regolazione

PUSH function with NO push button; a short push to turn on and off, a longer push to increase or decrease light intensity

 A richiesta dimmerabile con sistema DALI  
 On request dimmable with DALI system

Referenze - Reference: Trony - Via Torino - Milano - Italy



## Installazione con accessori - Accessories installation



### Accessorio Cod. 31300 - Euro 90,00

Kit sospensione che consente di installare LED Zante Q.

Si consiglia l'installazione mantenendo una distanza da almeno 50/60cm tra soffitto e plafoniera.

È composto da:

- Una scatola metallica (a) nella quale è inserito l'alimentatore.
- 4 cavetti in acciaio (b) di lunghezza 2m completi di dispositivi di regolazione millimetrica, un cavetto di alimentazione, e staffe di fissaggio

### Accessory Ref. 31300 - Euro 90,00

Suspension kit allows the suspended mounting of the LED Zante Q.

We recommend leaving at least 50/60cm between the ceiling and the lamp when installing it.

Consists of:

- A metal box (a) containing the ballast.
- 4 steel wires (b) 2 m long, complete with millimetric adjustment devices, one power cord, brackets fixing





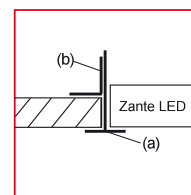
**Accessorio Cod. 000101 - Euro 50,40**

Telaio per controsoffitti in cartongesso. Questo accessorio consente di montare Zante LED Q su controsoffitti in cartongesso. È sufficiente realizzare un foro 610x610 mm e fissare il telaio (a) tramite le 4 staffe (b) fornite in dotazione. Zante LED dovrà quindi essere semplicemente appoggiata sul telaio.

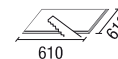
**Accessory Ref. 000101 - Euro 50,40**

Frame for plasterboard false ceilings. This accessory makes it possible to install the Zante LED Q on plasterboard false ceilings.

Make a 605x605 mm opening and fasten the frame (a) using the 4 brackets (b) supplied; then simply lay the Zante LED on the frame.



Dimensioni esterne  
External dimensions  
625x625x H98 (mm)



**Accessorio Cod. 000102 - Euro 84,00**

Cassaforma per installazione a soffitto o parete (non incassata). Questo accessorio consente di montare Zante LED Q direttamente a soffitto/parete. La cassaforma è composta da una piastra metallica (a) e da un telaio (b). La piastra metallica dovrà essere fissata a soffitto/parete e su questa andrà montato l'alimentatore e l'eventuale kit emergenza. Zante LED Q verrà quindi appoggiato al telaio metallico che si andrà a fissare alla piastra mediante 4 viti.

**Accessory Ref. 000102 - Euro 84,00**

Coffer for ceiling or wall installation (not recessed).

This accessory makes it possible to install the Zante LED Q directly on a ceiling/wall. The coffer consists in a metal plate (a) and a frame (b).

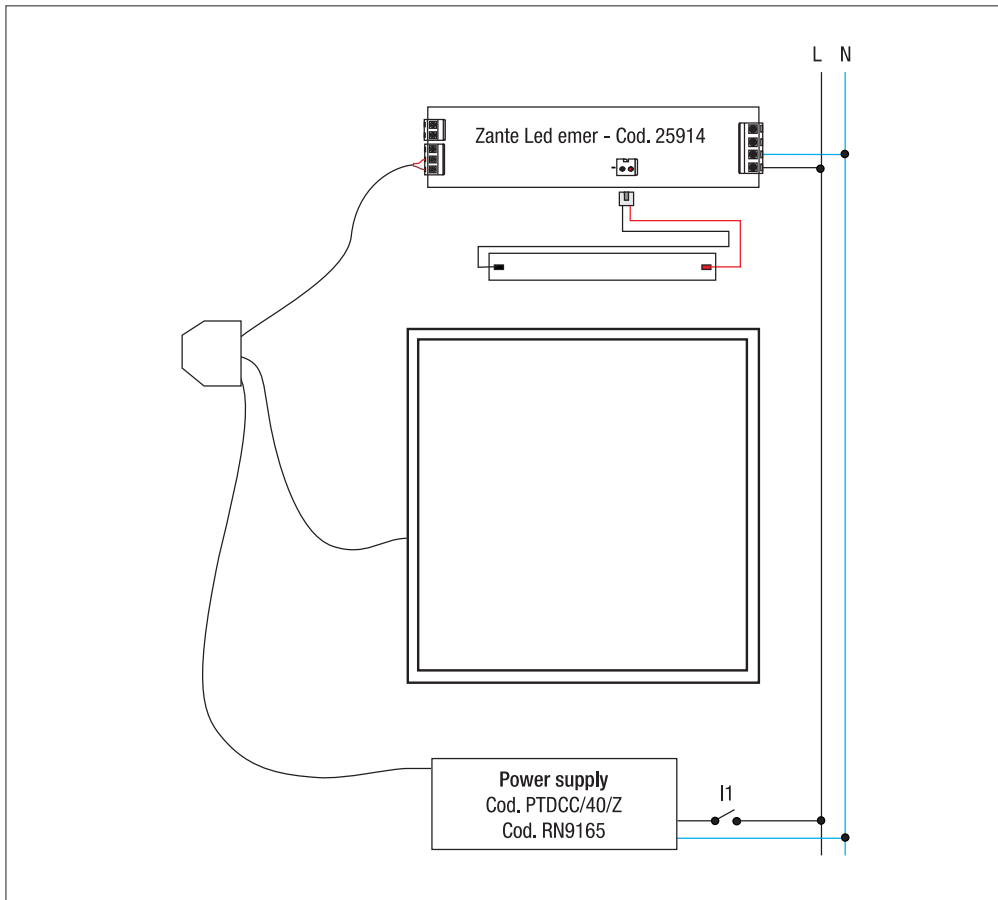
Install the metal plate on the ceiling/wall and mount the ballast on the metal plate. Lay the Zante LED Q on the metal frame and fasten the frame to the plate with 4 screws



**Accessori non inclusi - Accessories not included**



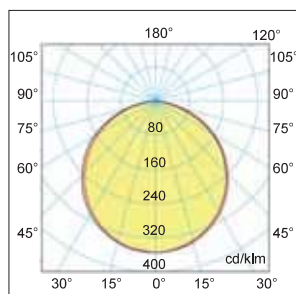
**Cod. 25914 - Euro 77,91**  
 Kit emergenza 15W - 1h/17% 180÷250 Vac  
 180÷250 Vac - 1h/17% - 15W emergency kit



Per funzionamento in emergenza utilizzare Zante LED EMER codice 25914, che fornisce un'autonomia di 1h con flusso 17% dopo 16h di carica, assieme all'alimentatore esterno Cod. PTDC401000Z o Cod.RN9166 (dimmerabile).

For emergency operation, use the Zante LED EMER Code 25914, which provides 1 hour of operation at 17% the normal capacity after 16 hours of charging, together with the external ballast Code PTDC401000Z or Cod. RN9166 (dimnable).

**Dati fotometrici - Photometric data**



3000K - 4000K - 6000K		
	110°	Emax
Ø 3,00 m	1 m	1136 lux
Ø 6,00 m	2 m	284 lux
Ø 9,00 m	3 m	126 lux



# Wireless

**WIRELESS** è un sistema di gestione programmabile senza fili in grado di gestire sia corpi illuminanti da esterno che da interno. Le apparecchiature saranno in questo caso associate ad una interfaccia wireless di ultima generazione, una per corpo illuminante, le quali comunicando tra loro e con la centralina di controllo "concentratore" sarà possibile controllare l'intero impianto anche da remoto tramite PC.

## Architettura rete:

- La connessione delle centraline avviene sfruttando la connettività wireless tra i vari punti
- Alba e tramonto definiti nel calendario astronomico
- Sensore esterno di luminosità
- Sensore esterno di movimento
- Il sistema prevede un'unità di controllo per ogni punto luce.
- Il sistema di trasmissione dati è indipendente dall'architettura dell'impianto elettrico presente.
- Il sistema può funzionare con qualsiasi tipo di driver con ingresso 1-10Vdc:
- La natura del prodotto consente una facile estensione in una qualsiasi area senza ulteriori costi di infrastruttura.

La centralina sul corpo illuminante permette un controllo totale dell'impianto, il flusso luminoso può essere personalizzato semplicemente effettuando una programmazione dell'impianto anche da remoto. Gli apparecchi possono essere divisi in sottogruppi con profili di regolazione diversi. Sarà inoltre possibile sfruttare l'utilizzo dell'orologio atomico di internet.

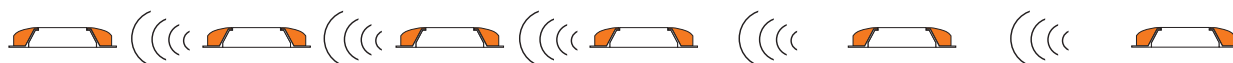
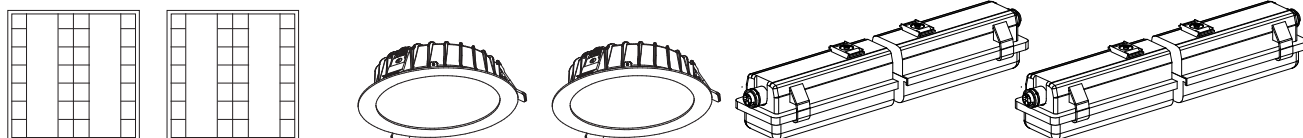
**WIRELESS** is a wireless programmable control system that can manage outdoor and indoor lighting units. In this case the equipment will be associated with the latest generation wireless interface, one per lighting unit, which, by communicating with each other and with the "concentrator" control unit, will allow the entire system to be controlled, even remotely, via a PC.

## Network architecture:

- The control units are connected using wireless technology between the various points
- Sunrise and sunset defined in the astronomical calendar
- External brightness sensor
- External movement sensor
- The system includes a control unit for each light source.
- The data transmission system is independent from the architecture of the electrical system.
- The system can work with any type of driver with 1-10Vdc input:
- The nature of the product allows easy extension in any area without additional infrastructure costs.

The control unit on the lighting body allows total control of the system, the lamp brightness can be customised by simply programming the system, even remotely. The devices can be divided into subgroups with different adjustment profiles. It will also be possible to use the internet atomic clock.

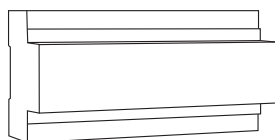
Apparecchi a LED - LED fittings



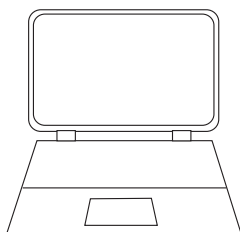
Controllo Wireless  
Wireless control



Sensore Lux - Lux sensor



Concentratore  
Gateway



Computer

# LED Syros

Questi prodotti non sono di produzione cinese

*This products is not made in China*



Serie di plafoniere a LED per utilizzo a plafone, per aree comuni, corridoi, scale, laboratori, sale riunioni, negozi, ecc. Adatte per controsoffitti a vista (installazione a incasso **LED Syros R** quadrata "Q", o rettangolare "R"; installazione esterna **LED Syros C** quadrata "Q" o rettangolare "R"), disponibili con grado IP20 oppure in IP65.

Luci a LED adatte per musei, negozi e mostre: non emettono raggi UV né infrarossi, non si surriscaldano né scoloriscono oggetti, dipinti, ecc.

LED Syros con tecnologia a LED capace di ridurre del 50% il consumo di energia rispetto a una lampada da soffitto tradizionale da 4x18W, pur fornendo lo stesso grado di illuminazione e uniformità.

**Dopo qualche anno, i tubi fluorescenti perdono luminosità (anche fino al 20% in meno) ma con le luci a LED questo non è più un problema. I livelli di brillantezza, infatti, rimangono gli stessi anche dopo diversi anni.**

**Corpo:** lamiera d'acciaio galvanizzato e verniciato a forno con resina di poliestere bianca

**Ottica:** doppi fori su parabola in alluminio 99,85, speculare, antiriflesso e antiridescendente, schermo bianco diffondente in Policarbonato opalino (per versione "Opal").

**Su richiesta:** colore 3000K, 6000K e versione con illuminazione di emergenza.

Disponibile anche per mercato tedesco, Syros Q ad incasso con parabola in alluminio o opale, con dimensioni 625x625mm.

**Conforme alla norma:** EN62471: 2008, sicurezza fotobiologica delle lampade e dei sistemi di lampade.

**Driver:** > 50.000 h (versione Opal: > 30.000 h)

*CRange of LED ceiling fixtures for communal areas, corridors, staircases, laboratories, meeting rooms, shops, etc. Suitable for exposed false ceilings (recessed installation **LED Syros R** square "Q", or rectangular "R"; external installation **LED Syros C** square "Q" or rectangular "R"), available with IP20 or IP65 protection degree.*

*LED lights suitable for museums, shops and exhibitions: no UV or infrared rays are emitted. They do not overheat or cause discolouring in objects, paintings etc.*

*LED Syros with LED technology can reduce energy consumption by 50% compared to a traditional 4x18W ceiling lamp, yet provides the same degree of lighting and consistency.*

**After a few years, fluorescent tubes lose brightness (up to 20%) but with LED lights this is no longer a problem. Brightness levels, in fact, remain the same even after several years.**

**Body:** galvanised steel plate, bake painted with white polyester resin

**Optics:** double holes on 99.85 aluminium reflector, specular, anti-glare and anti-iridescence, opal polycarbonate white diffuser screen (for the "Opal" version).

**On demand:** 3000K and 6000K colour and emergency lighting version.

Available also for the German market, recessed Syros Q with aluminium or opal reflector, dimensions 625x625mm.

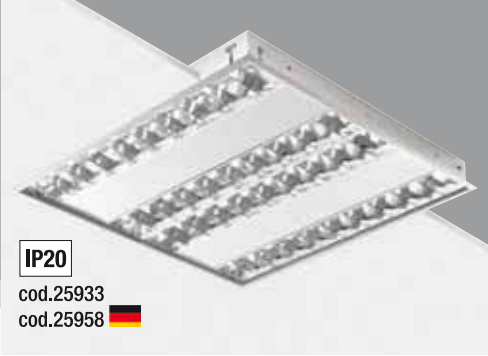
**According to standard:** EN62471: 2008, photobiological safety of lamps and lamp systems.

**Driver:** > 50.000 h (Opal version: > 30.000 h)


**VDT**

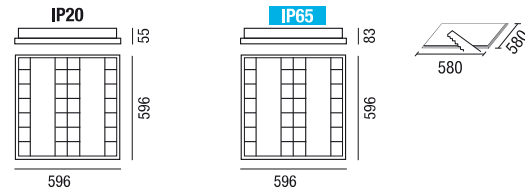
220-240V 50/60Hz    **IK07**


**LED Syros QR**



**IP20**

cod.25933  
cod.25958 






 Solo per il mercato tedesco  
For German market only

**LED Syros QR**



**IP65**


cod.25935  
cod.25959 

> 50.000 h  40W LED  
15.000 h  4x18W















Dimmerabile 0÷10V a richiesta  
Dimmable 0÷10V on request

A richiesta On request  
**CRI >90**

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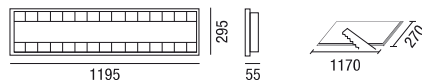
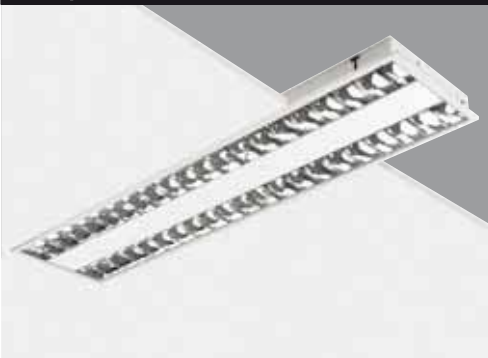
colour	W	IP	Vdc		lm	K	pcs/pallets	Kg	S+L	Euro
	40	<b>20</b>	24	 LED	3150	4000	60	3,00	25933	183,50
	40	<b>65</b>	24	 LED	2980	4000	60	5,50	25935	261,76



colour	W	IP	Vdc		lm	K	pcs/pallets	Kg	S+L	Euro
 	40	<b>20</b>	24	 LED	3150	4000	60	3,50	25958	219,00
 	40	<b>65</b>	24	 LED	2980	4000	60	5,50	25959	281,11

**VDT**

   **IK07** **IP20**

**LED Syros RR**




> 50.000 h  40W LED  
15.000 h  4x18W






Dimmerabile 0÷10V a richiesta  
Dimmable 0÷10V on request

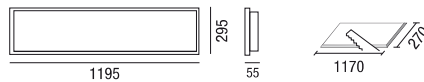
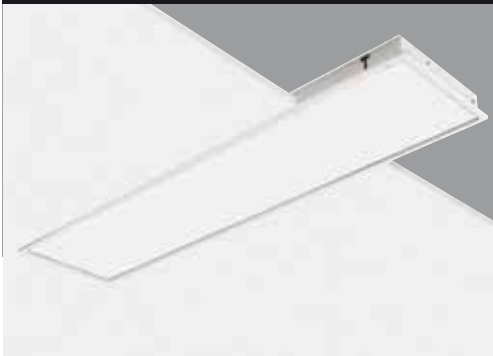
A richiesta On request  
**CRI >90**

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colour	W	IP	Vdc		lm	K	pcs/pallets	Kg	S+L	Euro
	40	<b>20</b>	24	 LED	3200	4000	60	3,750	25936	300,00

LED Syros RR Opal



> 50,000 h  
40W LED

15,000 h  
4x18W

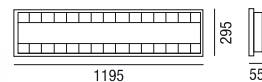
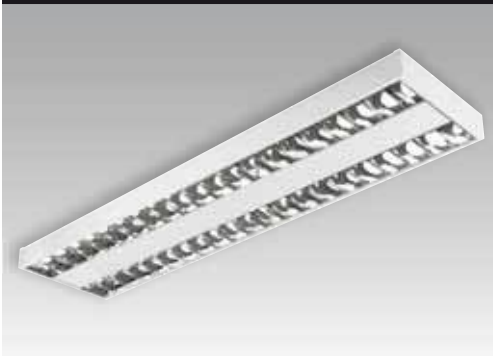


Dimmerabile 0-10V  
a richiesta  
Dimmable 0-10V on request



colour	W	IP	mA		lm	K	pcs/pallets	Kg	S+L	Euro
B	40	20	1400	B LED	3200	4000	60	3.750	26013	240.00

LED Syros RC



> 50,000 h  
40W LED

15,000 h  
4x18W



A richiesta  
On request  
**CRI >90**



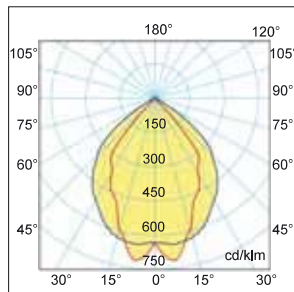
Dimmerabile 0-10V  
a richiesta  
Dimmable 0-10V on request



colour	W	IP	Vac		lm	K	pcs/pallets	Kg	CELL	Euro
B	40	20	220-240	B LED	3200	4000	60	4.100	25937	300,00

Dati fotometrici - Photometric data

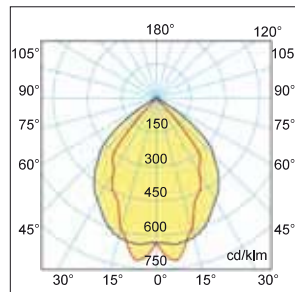
LED Syros Q



4000K

Beam Angle	Height	Emax lux
65° - 90°	1 m	3239 lux
Ø 1,22 m	2 m	810 lux
Ø 2,54 m	3 m	360 lux

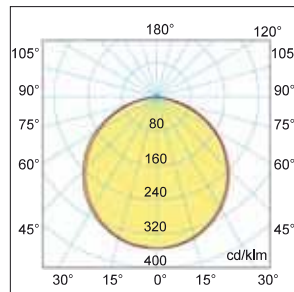
LED Syros R



4000K

Beam Angle	Height	Emax lux
65° - 90°	1 m	2769 lux
Ø 1,22 m	2 m	692 lux
Ø 2,54 m	3 m	308 lux

LED Syros R Opal





4000K

Beam Angle	Height	Emax lux
160°	1 m	1047 lux
Ø 3,00 m	2 m	262 lux
Ø 6,00 m	3 m	116 lux


**Accessori non inclusi - Accessories not included**



Articolo - Article	Codice - Code	(mm)	Vdc IN	Vac IN	Hz	W	ta °C	tc °C	Vout Vdc	Euro
 MINILED 24-45W	RN1432	185x46x38	176-264	220-240	50/60	13±45	-20...50	85	24	30,00

 = Pending



Articolo - Article	Codice - Code	(mm)	Vdc IN	DIM	Vac IN	DIM	Hz	W	ta °C	tc °C	Vout Vdc	Euro
 PTDC40S10B	PTDC40S10B	157x71x34	176-264	R S10	220-240	R S10	50/60	13±42	50	75	24	33,38

Regolazione della luminosità 0-100%:


- 1) Interfaccia 1-10Vdc, tramite segnale di controllo 1-10Vdc.
- 2) Rotativo tramite dimmer Relco serie DIM34

Regulation lighting 0-100%:

- 1) 1-10Vdc interface, with 1-10Vdc signal control.
- 2) Rotary control with serie DIM34 Relco dimmer

 A richiesta dimmerabile con sistema DALI  
On request dimmable with DALI system



Articolo - Article	Codice - Code	(mm)	Vdc IN	Vac IN	Hz	W	N° Led Min Max	Vout Vdc	ta °C	tc °C	PFC	Iout mA	Euro
 PTDCC/40/Z	PTDCC/40/Z	157x71x34	176-264	100-240	50/60	40	5-8	20-30	-40...50	75	OK	1400	38,00

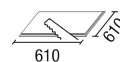
Per versione LED Syros RR Opal - Only for LED Syros RR Opal version



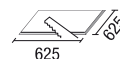
**Cod. 000116 - Euro: 13,00**  
"Kit staffe da incasso" per installazione in controsoffitti in cartongesso  
"Recessed bracket kit" for installation in cardboard false ceiling



**Cod. 000101 - Euro: 50,40**  
Telaio per controsoffitti in cartongesso, dimensioni esterne.  
Frame for plasterboard false ceilings external dimensions.  
625x625x H98 (mm)



**Cod. 000119 - Euro: 90,00**   
Per modello mercato tedesco, dimensioni esterne.  
German market models external dimensions.  
655 x 655 x H98 (mm)



Referenze - *Reference*: Palestra Ke Body - Via Torino - Milano (Italy)



Incassi - Sistemi tecnici  
Recessed - Technical systems

Technical  
system

# Nettuno - Spirit

HID

HALO



La serie di incassi Down Light è costituita da vari modelli di incassi con sorgenti a ioduri metallici, ideali per ambiti commerciali. Le varie forme e finiture permettono di soddisfare qualsiasi scelta e di illuminare tanto con il minimo consumo energetico.

Disponibili sia ad ottica fissa che ad ottica orientabile.

**Può essere applicato a:** incasso

**Corpo:** alluminio pressofuso UNI5076 sabbiato e chiusure in acciaio

**Orientabilità:** fisso (Nettuno), verticale 65°, orizzontale 350° (Spirit)

**Riflettore:** alluminio anodizzato e brillantato

**Verniciatura:** di tipo poliestere, eseguita a polvere

**Schermo:** vetro serigrafato temperato, resistente agli shock termici e agli urti

**Portalamпада:** ceramica

**Cablaggio:** completo di alimentazione convenzionale o elettronica, dotato di morsettiera a 3 poli sul primario e connessione rapida sul secondario

The series of Down Light flush mountings consists of various flush mounting models with metal halide sources, ideal for commercial environments. The various shapes and finishes satisfy any choice and provide excellent illuminations with minimal energy consumption.

Available in both fixed and adjustable optic.

**It can be applied to:** flush mounting

**Body:** die cast aluminium UNI5076 sandblasted and steel closure

**Adjustable:** fixed (Nettuno), verticale 65°, orizzontale 350° (Spirit)

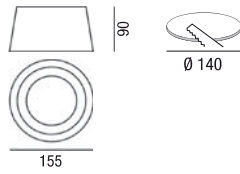
**Reflector:** polished and anodised aluminium

**Coating:** coated with powder polyester

**Shield:** tempered glass resistant against thermal shocks and collisions, with serigraphy

**Lamp holder:** ceramic


**Wiring:** complete with conventional or electronic power supply, equipped with 3 pole terminal board on the primary side and quick connection on the secondary side




Alimentazione convenzionale  
Conventional power supply



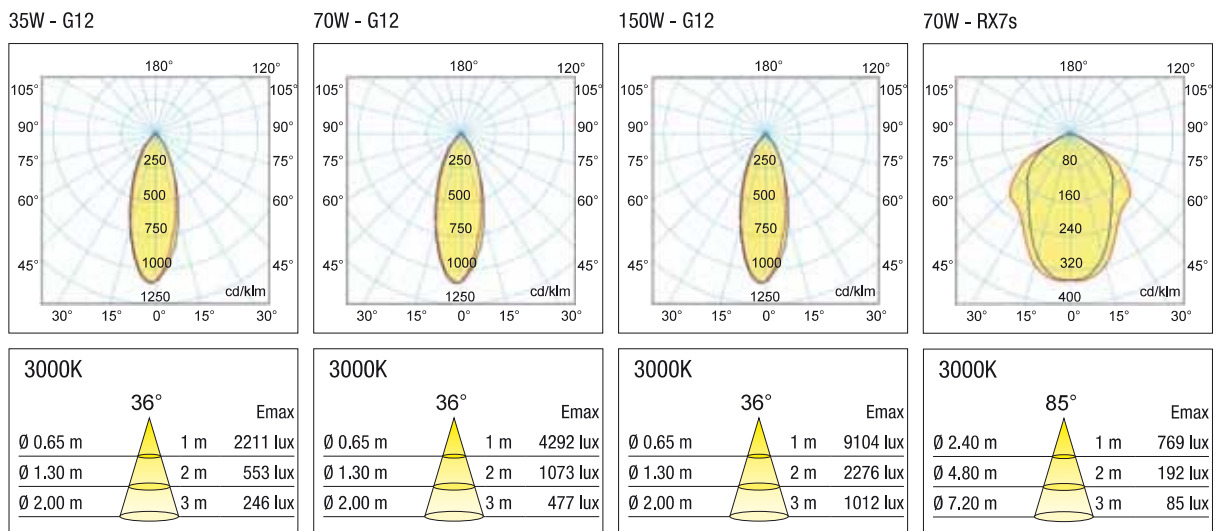
A richiesta:  
alimentazione elettronica  
Upon request:  
electronic power supply

colour	W		K	pcs	Kg	CNL	Euro
B	35	G12	3000	001	1.85	32055	80,00
G	35	G12	3000	001	1.88	32057	80,00
B	70	G12	3000	001	2.28	32059	80,00
G	70	G12	3000	001	2.28	32065	80,00
B	150	G12	3000	001	2.88	32067	80,00
G	150	G12	3000	001	2.88	32069	80,00

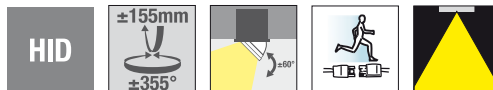
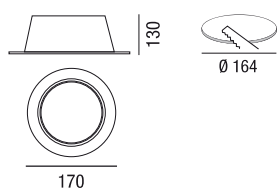
colour	W		K	pcs	Kg	CNL	Euro
B	70	RX7s	3000	001	2.28	32051	76,00
G	70	RX7s	3000	001	2.28	32061	76,00

**Dati fotometrici - Photometric data**






**Spirit**




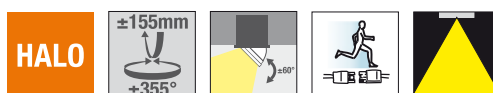
Alimentazione convenzionale  
Conventional power supply




Alimentazione elettronica  
Electronic power supply

colour	W		K	pcs	Kg	CNL	Euro
B	35	G12	3000	001	2.10	24646	80,00
B	70	G12	3000	001	2.60	24604	80,00
B	150	G12	3000	001	3.50	24608	80,00

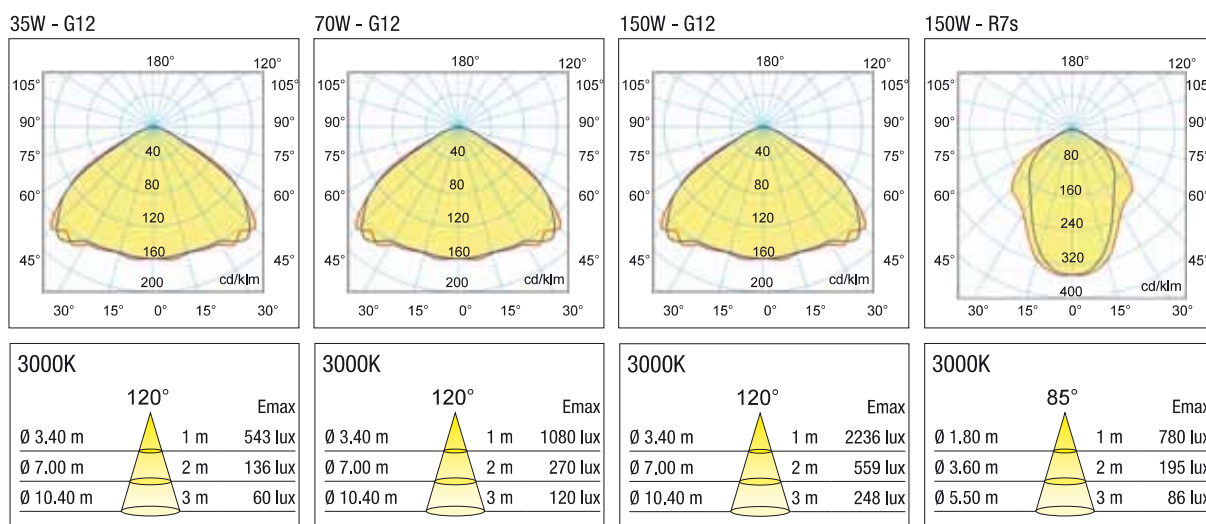
colour	W		K	pcs	Kg	CELL	Euro
B	35	G12	3000	001	1.10	24639	86,00
B	70	G12	3000	001	1.10	24643	86,00
B	150	G12	3000	001	1.10	24647	86,00



Alogeni  
Halogen

colour	W		K	pcs	Kg	S+L	Euro
G	150	R7s	3000	001	0.70	24683	34,65

**Dati fotometrici - Photometric data**



**Accessori - Accessories**



**Cod. 24644/GLASS - Euro 0,74**  
Vetro di ricambio serigrafato (70/150W)  
Exchange glass with serigraphy (70/150W)

**Cod. 24644/UV - Euro 9,45**  
Filtro UV, protezione contro i raggi ultravioletti (70/150W)  
UV Filter, protection against ultra violet rays (70/150W)



Modello da incasso con sorgenti a fluorescenza compatta ideale per ambienti commerciali, uffici, sale d'attesa, zone di passaggio. Le varie forme e finiture permettono di soddisfare qualsiasi scelta e di illuminare tanto con il minimo consumo energetico.

**Può essere applicato a:** incasso

**Corpo:** alluminio pressofuso UNI5076 sabbiato e chiusure in acciaio

**Orientabilità:** fisso

**Riflettore:** alluminio metallizzato sotto vuoto

**Verniciatura:** di tipo poliestere, eseguita a polvere

**Schermo:** vetro temperato, resistente agli shock termici e agli urti.

**Portalamпада:** materiale termoplastico

**Cablaggio:** completo di alimentazione convenzionale, elettronica o elettronica in emergenza, dotato di morsettiera a 3 poli sul primario e connessione rapida sul secondario

*Model with compact fluorescent sources ideal for commercial environments, offices, waiting rooms, passage ways. The various shapes and finishes satisfy any choice and provide excellent illuminations with minimal energy consumption.*

**It can be applied to:** flush mounting

**Body:** die cast aluminium UNI5076 sandblasted and steel closure

**Adjustable:** fixed

**Reflector:** metallic aluminium vacuum packed

**Coating:** coated with powder polyester

**Shield:** tempered glass resistant against thermal shocks and collisions.

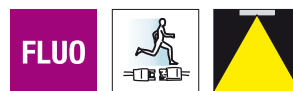
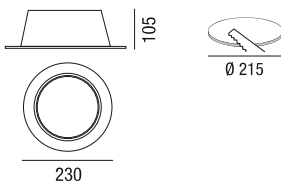
**Lamp holder:** thermoplastic material

**Wiring:** complete with conventional, electronic or emergency electronic power supply, equipped with 3 pole terminal board on the primary side and quick connection on the secondary side

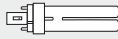


Sistema di  
connessione rapida  
*Quick connection  
systeme*

**Life plus**





Alimentazione convenzionale  
Conventional power supply

colour	W		K	pcs	Kg	CNL	Euro
<b>G</b>	2x18	G24d-2	3000	008	2.40	24942	35,00
<b>G</b>	2x18	G24d-2	4000	008	2.40	24914	35,00




Alimentazione elettronica  
Electronic power supply

colour	W		K	pcs	Kg	CELL	Euro
<b>B</b>	2x18	G24q-2	3000	008	1.50	24350	40,00
<b>B</b>	2x18	G24q-2	4000	008	1.50	24351	40,00
<b>B</b>	2x26	G24q-3	3000	008	1.50	24364	40,00
<b>B</b>	2x26	G24q-3	4000	008	1.50	24353	40,00

colour	W		K	pcs	Kg	CEL	Euro
<b>B</b>	2x18	G24q-2	-	008	1.30	25002	35,00
<b>B</b>	2x26	G24q-3	-	008	1.30	25006	35,00



Alimentazione elettronica + gruppo di emergenza SA  
Electronic power supply with emergency

colour	W		K	pcs	Kg	time/flux	CEL-EML	Euro
<b>B</b>	2x18	G24q-2	3000	001	3.20	2h30-27%	24924	60,00
<b>B</b>	2x18	G24q-2	4000	008	1.15	2h30-27%	24925	60,00
<b>B</b>	2x26	G24q-3	4000	008	1.15	2h30-27%	24929	60,00

**Accessori - Accessories**

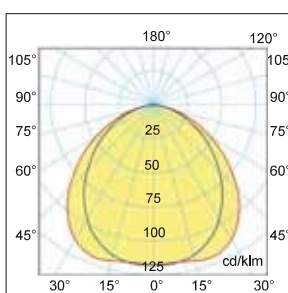


**Cod. 24066/GLASS - Euro 1,16**  
Vetro di ricambio standard - *Standard exchange glass*

**Cod. 24916/GLASS - Euro 1,47**  
Vetro neutro - *Neutral glass*

**Cod. 24150 - Euro 1,37**  
Vetro satinato - *Satin glass*

**Dati fotometrici - Photometric data**



2x18W

3000 - 4000K			100°		Emax
Ø 2.40 m	1 m	280 lux			
Ø 4.80 m	2 m	70 lux			
Ø 7.20 m	3 m	31 lux			

2x26W

3000 - 4000K			100°		Emax
Ø 2.40 m	1 m	420 lux			
Ø 4.80 m	2 m	106 lux			
Ø 7.20 m	3 m	47 lux			

# LED Otto



Plafoniere (tonde o quadre) per ambienti comuni, corridoi, scale, laboratori, sale riunioni, negozi, ecc. Adatta per controsoffitti con struttura in vista. Lo schermo opale dà alla lampada una luce omogenea di gradevole effetto sia estetico che funzionale oltre a ridurre del 80% il consumo energetico.

Gli apparecchi Led sono dotati nella parte superiore di un dissipatore termico che favorisce lo smaltimento del calore emesso dalla sorgente luminosa e sono di facile applicazione.

Otto LED è una plafoniera con tecnologia LED SMD, i circuiti indipendenti permettono il funzionamento della lampada anche se uno dei led dovesse non funzionare.

**Installazione:** montaggio a incasso

**Corpo:** alluminio

**Diffusore:** lastra in tecnopolimero opale spessore 3mm

**Cornice:** in alluminio verniciato Bianco RAL 9010 di tipo poliestere eseguita a polvere (su richiesta per quantità cornice Argento satinato)

**Sorgente:** Led di potenza Bianco neutro 4000K o Bianco caldo 3000K

**A richiesta:** regolazione della luminosità

**Driver:** > 50.000h

Ceiling lights (round or square) for common areas, corridors, stairways, laboratories, meeting rooms, shops, etc. Suitable for false ceilings with visible structure.

The opal shield gives the lamp a pleasantly pretty and practical even light as well as reducing energy consumption by 80%.

The upper part of the LED equipment is fitted with a heat dissipater that helps dispel the heat emitted by the light source and is easy to apply.

Otto LED is a ceiling light using LED SMD technology. Its independent circuits enable the lamp to function even if one of the LEDs should cease functioning.

**Installation:** recessed fitting

**Body:** aluminium

**Diffuser:** 2mm thick opal technical polymer sheet

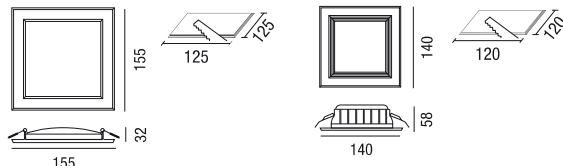
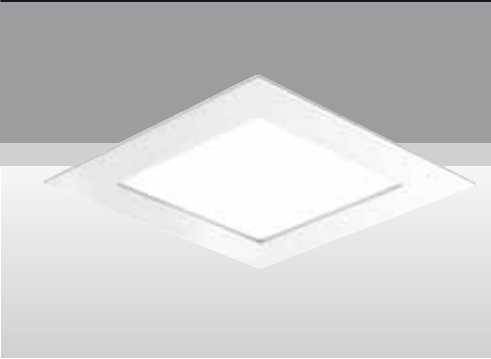
**Frame:** aluminium in a White RAL 9010 powder polyester coating (on request for quantities, satin-finished Silver frame also available)

**Source:** neutral 4000K White LED or warm 3000K White LED

**Upon request:** lighting regulation

**Driver:** > 50.000h

### LED Otto Q1 - Q2



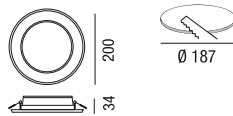
Otto Led Q1  
13W

Otto Led Q2  
21W

> 50,000 h 13W LED	10,000 h 18W	> 50,000 h 21W LED	10,000 h 32W
		Dimmerabile Dimmable 0÷10V	

colour	W	V		mA		lm	K	pcs	Kg	CELL	Euro
[B]	13	24	110°	500	[B] 90 LED	630	4000	001	0,60	25918	40,00
[B]	13	24	110°	500	[B] 90 LED	620	3000	001	0,60	25918/3000	40,00
[B]	21	24	110°	700	[B] 174 LED	1130	4000	001	1,35	25919	45,00
[B]	21	24	110°	700	[B] 174 LED	1030	3000	001	1,35	25919/3000	45,00

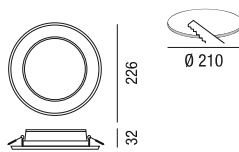
### LED Otto T 1



	Dimmerabile Dimmable 0÷10V		> 50,000 h 14W LED	10,000 h 26W
--	----------------------------------	--	-----------------------	-----------------

colour	W	V		mA		lm	K	pcs	Kg	CELL	Euro
[B]	14	18-22	110°	350	[B] 108 LED	900	4000	001	0,50	25916	28,00
[B]	14	18-22	110°	350	[B] 108 LED	825	3000	001	0,50	25916/3000	28,00

### LED Otto T 2



	Dimmerabile Dimmable 0÷10V		> 50,000 h 22W LED	10,000 h 32W
--	----------------------------------	--	-----------------------	-----------------

colour	W	V		mA		lm	K	pcs	Kg	CELL	Euro
[B]	22	24-28	110°	350	[B] 138 LED	1440	4000	001	0,70	25917	35,00
[B]	22	24-28	110°	350	[B] 138 LED	1320	3000	001	0,70	25917/3000	35,00



La lampada LED Otto è fornita con Driver incluso  
LED Otto lamp is equipped with driver included



Fissaggio con molle  
Fixing with springs

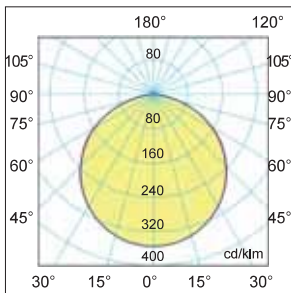


Pack LED Otto R



Pack LED Otto Q

### Dati fotometrici - Photometric data



13W - 4000K		
	110°	Emax
Ø 3,00 m	1 m	224 lux
Ø 6,00 m	2 m	56 lux
Ø 9,00 m	3 m	25 lux

21W - 4000K		
	110°	Emax
Ø 3,00 m	1 m	401 lux
Ø 6,00 m	2 m	100 lux
Ø 9,00 m	3 m	45 lux

14W - 4000K		
	110°	Emax
Ø 3,00 m	1 m	319 lux
Ø 6,00 m	2 m	80 lux
Ø 9,00 m	3 m	35 lux

22W - 4000K		
	110°	Emax
Ø 3,00 m	1 m	511 lux
Ø 6,00 m	2 m	128 lux
Ø 9,00 m	3 m	57 lux

13W - 3000K		
	110°	Emax
Ø 3,00 m	1 m	220 lux
Ø 6,00 m	2 m	55 lux
Ø 9,00 m	3 m	24 lux

21W - 3000K		
	110°	Emax
Ø 3,00 m	1 m	366 lux
Ø 6,00 m	2 m	91 lux
Ø 9,00 m	3 m	41 lux

14W - 3000K		
	110°	Emax
Ø 3,00 m	1 m	293 lux
Ø 6,00 m	2 m	73 lux
Ø 9,00 m	3 m	33 lux

22W - 3000K		
	110°	Emax
Ø 3,00 m	1 m	468 lux
Ø 6,00 m	2 m	117 lux
Ø 9,00 m	3 m	52 lux

# LED Life IP44

Questi prodotti non sono di produzione Cinese  
This product not made in China



LED Life è una serie di incassi utilizzabili in vari ambienti (commerciali, magazzini, zone di passaggio, uffici) dove è necessaria un'illuminazione diffusa senza abbagliamento.

La serie consta di incassi con grado di protezione aumentato (LED Life IP44) ideale per luoghi umidi (cucine, bagni).

Un apparecchio semplice sia con cornice tonda che quadrata bianca o grigia e diffusore ideale per sostituire apparecchi con sorgenti fluorescenti compatte da 2x18W e 2x26W o a ioduri metallici da 35W e 70W.

Il bassissimo consumo di energia e la durata di oltre 50.000 ore rendono la linea LED Life ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

**Corpo:** faretto fisso in alluminio pressofuso con molle per incasso.

**Riflettore:** ottica dark light in alluminio speculare antiriflesso che permette di ottimizzare l'efficienza luminosa (LED Life R DL).

**Diffusore:** tecnopolimero opale o trasparente.

**Sorgente:** LED CREE 30W o da 14W a 27W.

**Colori:** Disponibile nei colori Bianco e Grigio

**Alimentazione:** elettronica Relco non inclusa (Vedi Pag. 82)

*LED Life is a series of flush mountings usable in various environments (commercial, warehouses, passage ways, offices), where diffused lighting is required without dazzling.*

*The series consists of flush mountings with increased protection degree (LED Life IP44) ideal for humid places (kitchens, bathrooms).*

*A simple appliance with white or grey square or round frame and diffuser ideal for replacing 35W and 70W metal halide or 2x18W and 2x26W compact fluorescent light sources.*

*The very low energy consumption and a duration exceeding 50,000 hours, make the LED Life line ideal for economic illumination. In fact, it is possible to save about 50% of energy, eliminate maintenance costs and create greater cost savings. Life LED lights-up your life.*

**Body:** spot light in die cast aluminium equipped with fixing springs.

**Reflector:** dark light optics in aluminium, specular and anti-glare that optimises luminous flux efficiency (LED Life R DL).

**Diffuser:** transparent or opal technopolymer.

**Source:** LED CREE 30W or from 14W to 27W.

**Colours:** Available in painted white and grey

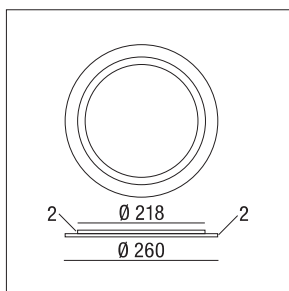
**Power supply:** electronic by Relco not included (See Page 82)



Possibile fornire LED Life IP44 con Kit di emergenza - Cod. RP0709 (Vedi pag. 422)

*The LED Life IP44 can also be provided with Emergency Kit - Cod. RP0709 (See page 422)*

## Accessori non inclusi - Accessories not included



**Cod. 24398 - Euro: 32,00**

Anello riduttore Bianco per LED Life R IP44.  
È adatto per fori da Ø 210mm a Ø 250mm max

*White reduction ring for LED Life R IP44.  
It is suitable for hole diameter from Ø 210mm to Ø 250mm max*

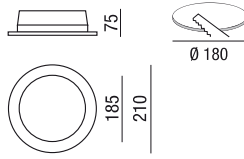
220-240V 50/60Hz



IK07

IP44

LED Life R IP44



Dimmerabile 0-10V a richiesta  
Dimmable 0-10V on request



> 50,000 h  
10W LED

10,000 h  
2x13W

10,000 h  
20W G12

> 50,000 h  
14W LED

10,000 h  
2x18W

10,000 h  
35W G12

**CRI >80**

A richiesta  
**CRI >90**  
On request

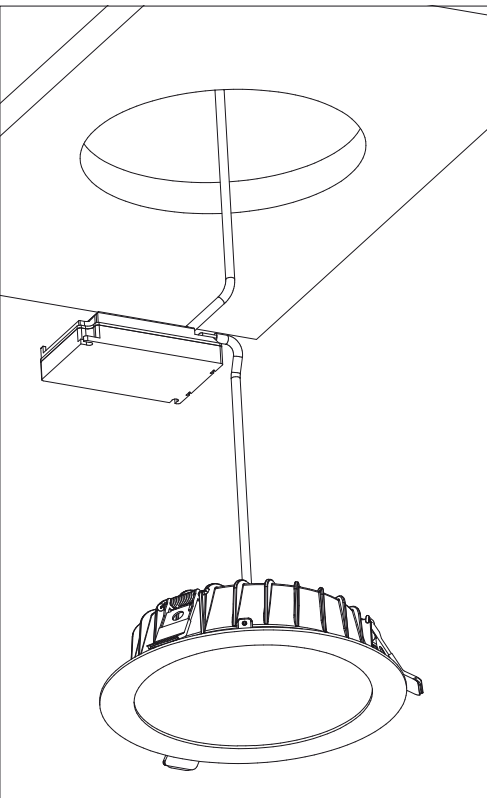
Pag. 81



> 50,000 h  
27-30W LED

10,000 h  
2x26W

10,000 h  
70W G12



Schema di montaggio - Mounting diagram

colour	W	mA			lm	K	pcs	Kg	S+L	Euro
	10	350		100°	890					
B	14	500	1 x Vega lamp	100°	1240	3000	001	0.57	24363	70,00
	27	700		100°	1680					
	10	350		100°	950					
B	14	500	1 x Vega lamp	100°	1310	4000	001	0.57	24365	70,00
	27	700		100°	1780					
	10	350		100°	1015					
B	14	500	1 x Vega lamp	100°	1400	6000	001	0.57	24366	70,00
	27	700		100°	1880					
	10	350		100°	890					
G	14	500	1 x Vega lamp	100°	1240	3000	001	0.57	24381	70,00
	27	700		100°	1680					
	10	350		100°	950					
G	14	500	1 x Vega lamp	100°	1310	4000	001	0.57	24383	70,00
	27	700		100°	1780					

colour	W	mA			lm	K	pcs	Kg	S+L	Euro	
					S4	U2 **					
B	30	700	1 x Meissa lamp	100°	2430	2790	3000	001	0.57	24363/30	80,00
B	30	700	1 x Meissa lamp	100°	-	2790	4000	001	0.57	24365/30	80,00
G	30	700	1 x Meissa lamp	100°	2430	2790	3000	001	0.57	24381/30	80,00
G	30	700	1 x Meissa lamp	100°	-	2790	4000	001	0.57	24383/30	80,00

\*\* A richiesta possibilità di flusso luminoso di valore maggiore  
On request possibility of luminous flux of greater value

220-240V 50/60Hz



IK07

IP44

**CRI >80**

A richiesta  
**CRI >90**  
On request

**NO DRIVER**



> 50,000 h  
17,5W LED

3,000 h  
50W G53

colour	W			lm	K	pcs	Kg	S+L	Euro
B	17,5	1 x Syrma lamp	100°	1300	3000	001	0.57	24363/SYRMA	60,00



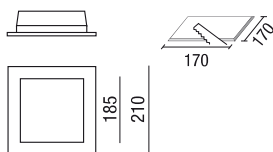
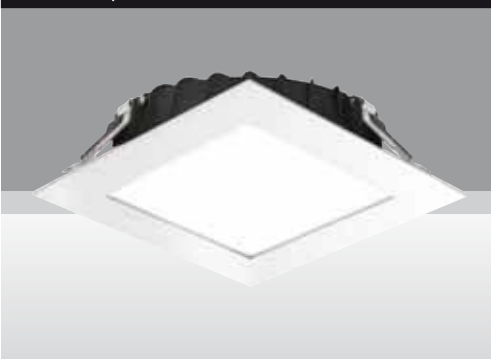
220-240V 50/60Hz



IK07

IP44

**LED Life Q IP44**



Dimmerabile 0=10V  
a richiesta  
Dimmable 0=10V on request



> 50.000 h  
10W LED

10.000 h  
2x13W

10.000 h  
20W G12

> 50.000 h  
14W LED

10.000 h  
2x18W

10.000 h  
35W G12

**CRI >80**

A richiesta  
**CRI >90**  
On request

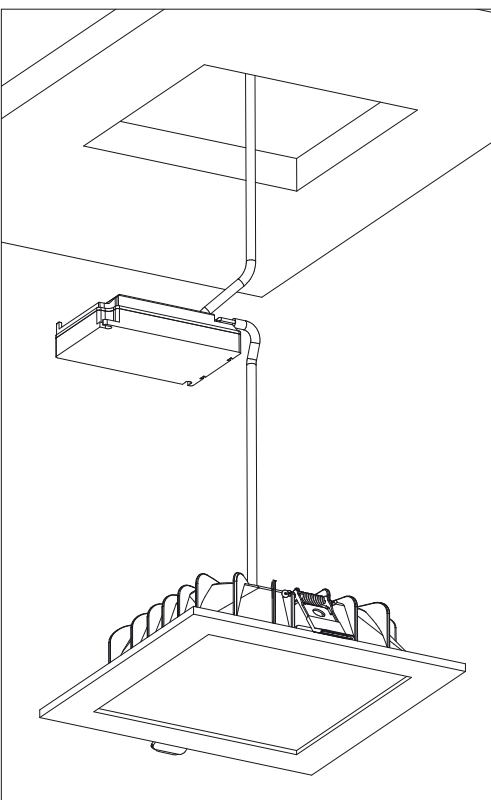
Pag. 82



> 50.000 h  
27=30W LED

10.000 h  
2x26W

10.000 h  
70W G12



Schema di montaggio - Mounting diagram

colour	W	mA			lm	K	pcs	Kg	S+L	Euro
	10	350		100°	890					
<b>B</b>	14	500	1 x Vega lamp	100°	1240	3000	001	0.57	24393	70,00
	27	700		100°	1680					
	10	350		100°	950					
<b>B</b>	14	500	1 x Vega lamp	100°	1310	4000	001	0.57	24395	70,00
	27	700		100°	1780					
	10	350		100°	890	3000				
<b>G</b>	14	500	1 x Vega lamp	100°	1240	3000	001	0.57	24397	70,00
	27	700		100°	1680					
	10	350		100°	950					
<b>G</b>	14	500	1 x Vega lamp	100°	1310	4000	001	0.57	24399	70,00
	27	700		100°	1780					

colour	W	mA			lm	K	pcs	Kg	S+L	Euro	
					<b>S4</b>	<b>U2 **</b>					
<b>B</b>	30	700	1 x Meissa lamp	100°	2430	2790	3000	001	0.57	24393/30	80,00
<b>B</b>	30	700	1 x Meissa lamp	100°	-	2790	4000	001	0.57	24395/30	80,00
<b>G</b>	30	700	1 x Meissa lamp	100°	2430	2790	3000	001	0.57	24397/30	80,00
<b>G</b>	30	700	1 x Meissa lamp	100°	-	2790	4000	001	0.57	24399/30	80,00

\*\* A richiesta possibilità di flusso luminoso di valore maggiore  
On request possibility of luminous flux of greater value

220-240V 50/60Hz



IK07

IP44

**CRI >80**

A richiesta  
**CRI >90**  
On request

**NO DRIVER**



> 50.000 h  
17,5W LED

3.000 h  
50W G53

colour	W			lm	K	pcs	Kg	S+L	Euro
<b>B</b>	17,5	1 x Syrma lamp	100°	1300	3000	001	0.57	24393/SYRMA	60,00

**NEW**

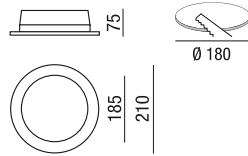
220-240V 50/60Hz



**IK07**

**IP44**

**LED Life R DL IP44**



Dimmerabile 0=10V  
a richiesta  
*Dimmable 0=10V on request*

> 50.000 h  
30W LED

10.000 h  
2x26W

10.000 h  
70W G12

**CRI >80**

A richiesta  
**CRI >90**  
*On request*



colour	W	mA	Lamp	Beam	lm		K	pcs	Kg	S+L	Euro
					S4	U2 **					
B	30	700	1 x Meissa lamp	100°	2430	2790	3000	001	0,57	24363/30/DL	80,00
B	30	700	1 x Meissa lamp	100°	-	2790	4000	001	0,57	24363/30/DL	80,00

\*\* A richiesta possibilità di flusso luminoso di valore maggiore  
*On request possibility of luminous flux of greater value*

**Incassi: alcuni esempi - Recessed: some examples**

**IP44**
**IP44**

**IP66**

**NEW - LED New York**  
(Work in progress)

**LED Occhio**  
(Pag. 103)

**LED Nota**  
(Pag. 108)

Incassi - Sistemi tecnici  
Recessed - Technical systems

Technical system

**Accessori non inclusi - Accessories not included**



Articolo - Article	Codice Code	(mm)	Vdc IN	DIM	Vac IN	DIM	Hz	W		N° Led Min Max	ta °C	tc °C	Iout mA	Vout Vdc	Euro	
								110V	240V							
	JOLLY POWERMINILED DIM 35	PTDCMD/35	103x67x21	176-264	P R S10	110-240	P R S10	50/60	15	15	1-12	-20...40	70	350	45	33,54
									22	22	1-12			500	45	
									25	35	1-11			700	50	
	JOLLY POWERMINILED 35	PTDCM/35	103x67x21	176-264	-	110-240	-	50/60	15	15	1-12	-20...40	70	350	45	26,25
									22	22	1-12			500	45	
									25	35	1-11			700	50	

**PTDCMD/35**

Regolazione della luminosità 0-10V con interfaccia Jolly Omega - 0-10V brightness adjustment with Jolly Omega interface

Funzione PUSH tramite pulsanti NA; con una pressione breve si ottengono l'accensione e lo spegnimento, con una pressione prolungata si ottiene la regolazione  
 PUSH function with NO push button; a short push to turn on and off, a longer push to increase or decrease light intensity



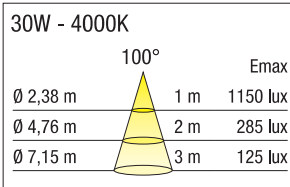
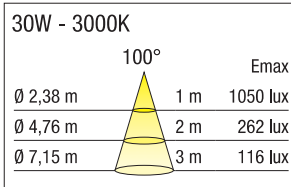
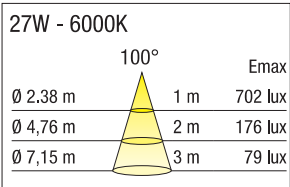
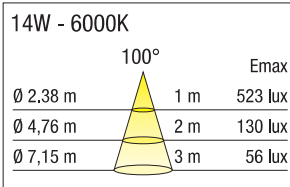
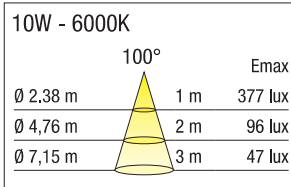
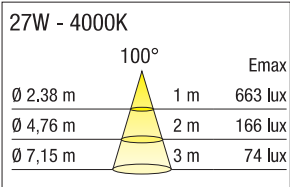
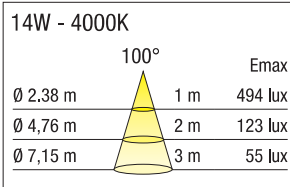
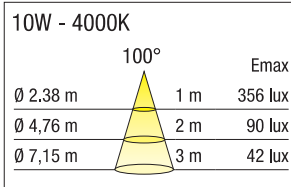
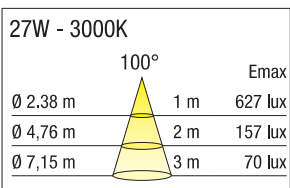
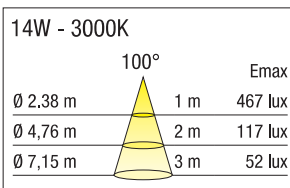
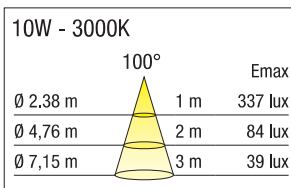
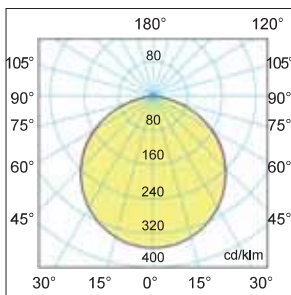
Articolo - Article	Codice Code	(mm)	Vdc IN	DIM	Vac IN	DIM	Hz	W		N° Led Min Max	ta °C	tc °C	PFC	Iout mA	Vout Vdc	Euro
								110V	240V							
	PTDCMD/35/SL	PTDCMD/35/SL	170x41x35	176-264	P	220-240	L C P	50/60	15	1-12	-20...40	75	OK	350	47	33,20
									22	1-12				500	47	
									35	1-12				700	46	
									8	-				1000	10	
									10	-				900	12	
									20	-				900	24	



Funzione PUSH tramite pulsanti NA; con una pressione breve si ottengono l'accensione e lo spegnimento, con una pressione prolungata di ottiene la regolazione - Tramite dimmer tradizionali a taglio di fase con tecnologia a TRIAC (Leading edge "L") oppure IGBT (Trailing edge "C").  
 PUSH function, with NO push button; a short push to turn on and off; a longer push to increase or decrease light intensity.  
 Traditional TRIAC dimmer (Leading edge technology "L") or IGBT dimmer (Trailing edge technology "C")

A richiesta dimmerabile con sistema DALI  
 On request dimmable with DALI system

**Dati fotometrici - Photometric data**



# LED Hidden



L'arretrata posizione della sorgente luminosa consente un'emissione a basso indice di abbagliamento ed elevato comfort visivo; particolarmente indicato in applicazioni residenziali e terziarie quali l'illuminazione di corridoi, saloni, sale comuni, aree di servizio e reception. Il bassissimo consumo di energia elettrica e la durata superiore alle 50.000 ore rendono questo modello ideale in tutte quelle applicazioni dove serve un corretto livello di illuminamento dell'ambiente e dei piani di lavoro con al quasi totale assenza di abbagliamento combinati ad un elevato risparmio energetico, ideale per la sostituzione di apparecchi con sorgenti fluorescenti compatte da 2x13W, 2x18W e 2x26W oppure di apparecchi che utilizzino sorgenti a ioduri da 20W, 35W o 70W. La tecnologia LED consente di eliminare i costi relativi alla manutenzione ordinaria (sostituzione delle sorgenti luminose) e di quella straordinaria lasciando al committente i soli costi di installazione e (a fine vita) rimozione e smaltimento degli articoli esausti.

**Può essere applicato a:** incasso

**Sorgente:**

**LED Hidden:** 3x9 LED CREE (700mA), 14W (500mA)

**LED Hidden 230V:** Modulo LED Acrich 2 SEOL SEMICONDUCTOR

**Riflettore:** in alluminio tornito in lastra con finitura verniciata nei tre colori bianco, argento ed oro tutti con finitura matt,

**Supporto:** in acciaio tranciato e piegato a freddo con finitura zincata

**Supporto sorgente:** in lastra armonico tranciato e piegato a freddo

**Alimentazione:** inclusa. Alimentatore dimmerabile con pulsante NA o con interfaccia 1-10Vdc (non fornito).

*The regressive position of the luminous source consents a low index emission of the body trimming and of an elevated visual comfort; particularly appropriate for devices of domestic and tertiary usage such as illumination of corridors, living rooms, common rooms, service areas and receptions. The low electric energy consumption and the duration of over 50.000 hours makes this model ideal for all devices where a correct and discrete level of lighting is required for the ambience with a low level of body trimming, coupled with an elevated energy consumption level, ideal for the replacement of equipment with compact fluorescent lamps from 2x13W, 2x18W and 2x26W or devices that use halide lamps 20W, 35W or 70W. The LED technology consents to eliminate the relative costs of standard maintenance (substitution of luminous sources) and that of additional maintenance, only leaving the costumer the cost of the installment and (at the end of his life time) of the removal and dissipation of extinguished articles.*

**Application:** recessed

**Source:**

**LED Hidden:** 3x9 27W LED CREE (700mA), 14W (500mA)

**LED Hidden 230V:** LED Module Acrich 2 SEOL SEMICONDUCTOR

**Reflector:** in turned aluminum in glass sheet with varnished zinc texture in three colors which are white, silver and gold all in matt texture.

**Support:** in sheared steel and bent when cold with texture in zinc

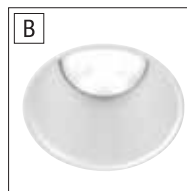
**Source support:** in sheared harmonic glass sheet and cold when bent.

**Power Supply:** Included. Dimmable with NO button/or interface 1-10Vdc (not supplied).

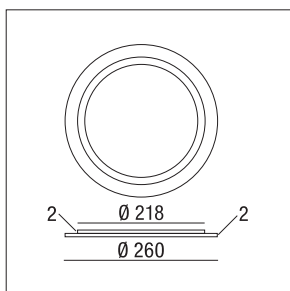


Possibile fornire LED Hidden con Kit di emergenza - Cod. RP0709 (Vedi pag. 422)

*The LED Hidden can also be provided with Emergency Kit Cod. RP0709 (See page 422)*



## Accessori non inclusi - Accessories not included



**Cod. 24410 - Euro: 35,00**

Anello riduttore Bianco per LED Hidden.

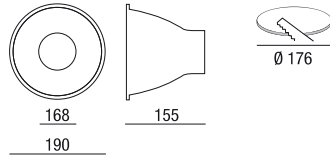
È adatto per fori da Ø 200mm a Ø 250mm max



*White reduction ring for LED Hidden.*


*It is suitable for hole diameter from Ø 200mm to Ø 250mm max*


110-240V 50/60HZ     **IK04** **IP20**


**LED Hidden**





Pag. 115  > 50,000 h  14W LED


10,000 h  2x18W


10,000 h  35W G12


> 50,000 h  27W LED


10,000 h  2x26W


10,000 h  70W G12



 **A richiesta  
On request  
CRI >90**

 Dimmerabile  
Dimmable  
0÷10V

 **FIX  
±0°**

**INCLUSO** 



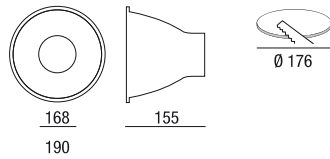
colour	W	mA			K	lm	pcs	Kg	CELL	Euro
B	14	500	1 x Vega lamp	40°	6000	1500	001	0.57	30750	128,00
	27	700				2100				
B	14	500	1 x Vega lamp	40°	3000	1400	001	0.57	30751	128,00
	27	700				2000				
G	14	500	1 x Vega lamp	40°	6000	1500	001	0.57	30752	128,00
	27	700				2100				
G	14	500	1 x Vega lamp	40°	3000	1400	001	0.57	30753	128,00
	27	700				2000				
O	14	500	1 x Vega lamp	40°	6000	1500	001	0.57	30754	128,00
	27	700				2100				
O	14	500	1 x Vega lamp	40°	3000	1400	001	0.57	30755	128,00
	27	700				2000				


**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 112)


**A richiesta:** per quantità disponibile nella versione 4000K - **On demand:** for quantity available in the 4000K

220-240V 50/60Hz      **IP20**

**LED Hidden 230V**



> 50,000 h  17W LED



3,000 h  50W G53

 Pag. 119 

 Dimmerabile con Dimmer  
Relco LT1UN o DIM LED...  
Dimmable with LT1UN  
or DIM LED... Relco Dimmer

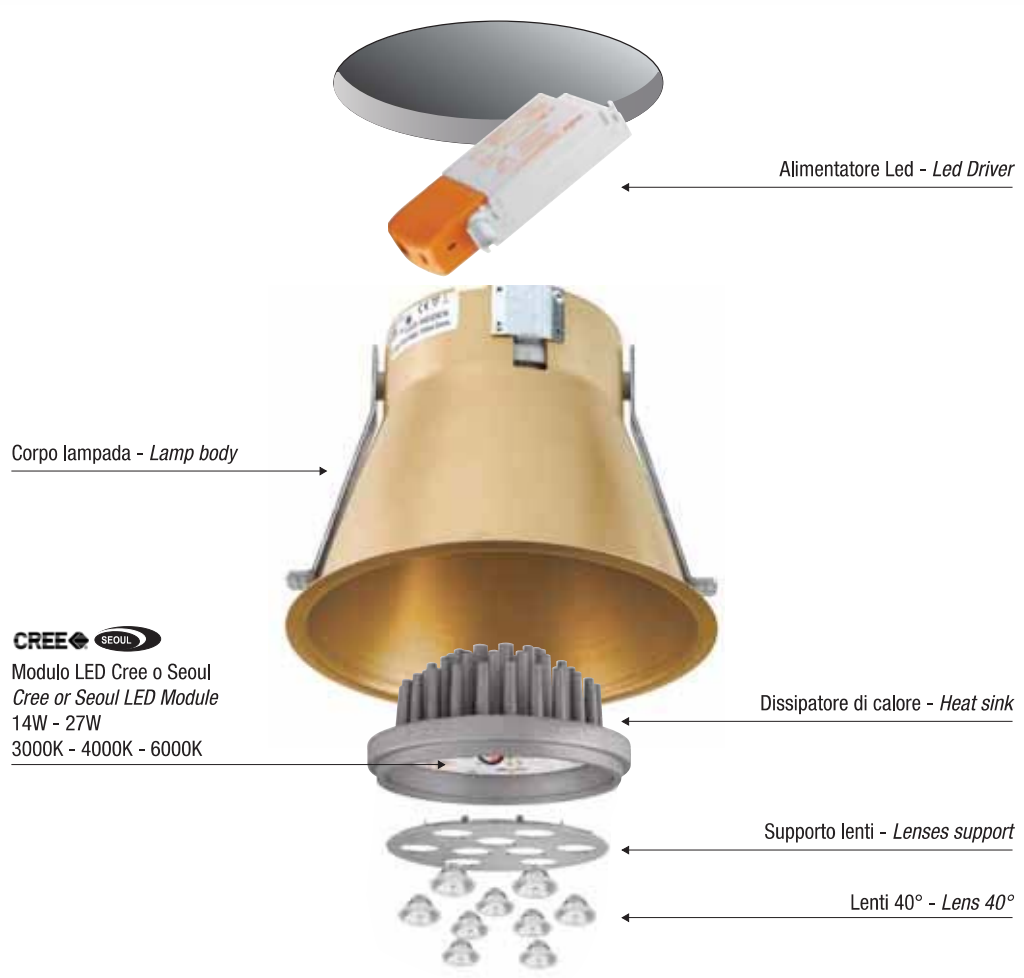
**NO DRIVER** 

**A richiesta  
On request  
CRI >90**

colour	W			K	lm	pcs	Kg	S + L	Euro
B	17	1 x Syrma lamp	45°	6000	1400	001	0.57	30750/SYRMA	120,00
B	17	1 x Syrma lamp	45°	3000	1300	001	0.57	30751/SIRMA	120,00
G	17	1 x Syrma lamp	45°	6000	1400	001	0.57	30752/SYRMA	120,00
G	17	1 x Syrma lamp	45°	3000	1300	001	0.57	30753/SYRMA	120,00
O	17	1 x Syrma lamp	45°	6000	1400	001	0.57	30754/SYRMA	120,00
O	17	1 x Syrma lamp	45°	3000	1300	001	0.57	30755/SYRMA	120,00


**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 112)

**A richiesta:** per quantità disponibile nella versione 4000K - **On demand:** for quantity available in the 4000K



**Accessorio incluso - Accessory included**



Articolo - Article	Codice Code	(mm)	Vdc IN	DIM	Vac IN	DIM	Hz	W		N° Led Min Max	ta °C	tc °C	Iout mA	Vout Vdc	Euro
								110V	240V						
	JOLLY POWERMINILED DIM 35 PTDCMD/35 17	103x67x21	176-264	P R S10	110-240	P R S10	50/60	15	15	1-12	-20...40	70	350	45	33,54
								22	22	1-12		70	500	45	
								25	35	1-11		75	700	50	

Regolazione della luminosità 0-10V con interfaccia Jolly Omega - 0-10V brightness adjustment with Jolly Omega interface

Funzione PUSH tramite pulsanti NA; con una pressione breve si ottengono l'accensione e lo spegnimento, con una pressione prolungata si ottiene la regolazione  
 PUSH function with NO push button; a short push to turn on and off, a longer push to increase or decrease light intensity

# Galileo - LED Galileo

HID

LED  
>50.000h



LED Galileo è l'incasso a LED ideale per gli ambienti commerciali (supermercati, grandi magazzini, retail, ecc.) per uffici e in qualsiasi ambiente dove è necessario un'illuminazione diretta.

Un apparecchio a base tonda con cornice bianca con corpo estraibile ideale per sostituire apparecchi con sorgenti a ioduri metallici da 35W e 70W. Il bassissimo consumo di energia e la durata di oltre 50.000 ore rendono LED Galileo ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

**Applicazione:** incasso

**Corpo:** acciaio galvanizzato

**Orientabilità:** verticale X 60°, orizzontale Y 60°

**Verniciatura:** di tipo poliestere, eseguita a polvere

**Schermo:** vetro trasparente temperato, resistente agli shock termici e agli urti (solo per le versioni G12)

**Portalamпада:** ceramica

**Cablaggio:**

G12: completo di alimentazione elettronica, dotato di morsettiera a 3 poli sul primario e connessione rapida sul secondario

LED: completo di alimentazione elettronica, dotato di morsettiera a 2 poli sul primario e sul secondario

**Driver:** > 50.000 h

*LED Galileo is the LED downlighter for retail spaces (supermarkets, department stores, shops, etc.), offices and any other space that requires direct lighting. It has a round body with white frame and pull-out body, ideal to replace fixtures with 35W and 70W metal halide lamps.*

*The ultra-low energy consumption and the duration of over 50,000 hours make LED Galileo ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.*

**Application:** recessed

**Body:** galvanised steel

**Adjustable:** vertical X 60°, horizontal Y 60°

**Coating:** coated with powder polyester

**Shield:** tempered glass resistant against thermal shocks and collisions (only for G12 version)

**Lamp holder:** ceramic

**Wiring:**

G12: complete with conventional power supply, equipped with 3 pole terminal board on the primary side and quick connection on the secondary side

LED: complete with electronic power supply, equipped with 2 pole terminal board on the primary side

**Driver:** > 50.000 h

## Orientabilità - Adjustability



Apparecchio ad incasso con possibilità di estrazione del gruppo ottico, adatto per l'impiego di lampade a LED e a scarica. L'estrazione del vano lampada a due livelli mediante un sistema di fenditure graduate sulla staffa garantisce il mantenimento del puntamento e l'orientabilità del fascio luminoso senza che esso venga ostruito dal corpo illuminante.

*Recessed device with the possibility of extracting the optic group, finalised for use with LED lamps and discharge lamps. The extraction of the lamp compartment, on two levels by means of a cleft system graduated on the bracket, guarantees the pointing and the adjustability of the light output without obstruction from the light fitting.*

## Accessori - Accessories



**Cod. 31083/GLASS - Euro 3,15**  
**(solo per Galileo G12 - only for Galileo G12)**  
Vetro di ricambio - Exchange glass

**Cod. 31083/UV - Euro 8,40**  
**(solo per Galileo G12 - only for Galileo G12)**  
Filtro UV, protezione contro i raggi ultravioletti  
UV filter, protection against ultra violet rays

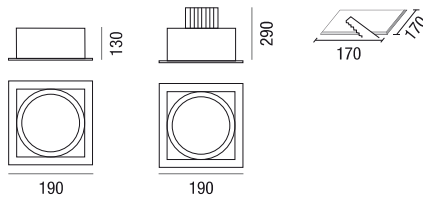


Possibile fornire LED Galileo con Kit di emergenza - Cod. RP0709 (Vedi pag. 422)  
The LED Galileo can also be provided with Emergency Kit - Cod. RP0709 (See page 422)

**LED Galileo**



Vega Lamp



27W - 30W      40W - 50W - 60W



Meissa Lamp

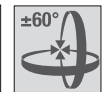


Chameleon Lamp

> 50,000 h 30W LED	> 30,000 h 27W LED	3,000 h 100W G53	10,000 h 70W G12
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<b>A richiesta On request CRI &gt;90</b>	> 50,000 h 40W LED	10,000 h 70W	> 50,000 h 50W LED	10,000 h 100W	> 50,000 h 60W LED	10,000 h 150W
--	-----------------------	-----------------	-----------------------	------------------	-----------------------	------------------

Dimmerabile 0÷10V  
a richiesta  
Dimmable 0÷10V on request



colour	W	mA		K	Lm		pcs	Kg	CELL	Euro	
				XP-G2    XP-L**							
B	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	1.60	31072	136,00
B	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30° (15°-45°)	001	1.60	31074	136,00
B	27 (10-14)	700	1 x Vega lamp	4000	2000	(2600)	30° (15°-45°)	001	1.60	31082	136,00
N	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	1.60	31060	136,00
N	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30° (15°-45°)	001	1.60	31062	136,00
C	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	1.60	31064	136,00
C	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30° (15°-45°)	001	1.60	31070	136,00

colour	W	mA		lm	K		pcs	Kg	CELL	Euro	
				S4    U2**							
B	30	700	1 x Meissa lamp	-	3100	4000	40° (25°-60°)	001	1.50	31230	136,50
N	30	700	1 x Meissa lamp	-	3100	4000	40° (25°-60°)	001	1.50	31228	136,50
C	30	700	1 x Meissa lamp	-	3100	4000	40° (25°-60°)	001	1.50	31301	136,50
B	30	700	1 x Meissa lamp	2700	-	3000	60° (40°-25°)	001	1.50	31094	136,50
B	30	700	1 x Meissa lamp	-	3100	3000	60° (40°-25°)	001	1.50	31245	150,15

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro
B	1x40 *	1000	1 x Chameleon lamp	3000	3700	60° (20°-40°)	001	1.60	31239	264,60
	1x50 *	1400			4800					
	1x60	1600			5400					
N	1x40 *	1000	1 x Chameleon lamp	3000	3700	60° (20°-40°)	001	1.60	31240	264,60
	1x50 *	1400			4800					
	1x60	1600			5400					
C	1x40 *	1000	1 x Chameleon lamp	3000	3700	60° (20°-40°)	001	1.60	31241	294,00
	1x50 *	1400			4800					
	1x60	1600			5400					

\* Con alimentatore multipower - With Multipower power supply  
 \*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value

**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**Upon request:** is possible to replace the LED Lamp provided for by the required code with a model with different characteristics (Page 112)

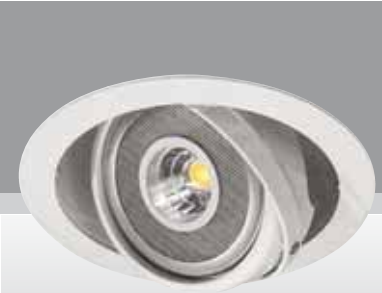


**LED Galileo round**



Pag. 116  


Vega Lamp



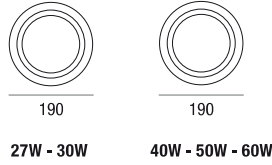
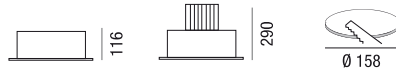
Pag. 120  


Meissa Lamp



Pag. 123  








Chameleon Lamp







27W - 30W



40W - 50W - 60W

> 50,000 h 30W LED	> 30,000 h 27W LED	3,000 h 100W G53	10,000 h 70W G12
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<b>A richiesta On request CRI &gt;90</b>	> 50,000 h 40W LED	10,000 h 70W	> 50,000 h 50W LED	10,000 h 100W	> 50,000 h 60W LED	10,000 h 150W
 Dimmerabile 0-10V a richiesta Dimmable 0-10V on request		 ±60°	 ±60°	 INCLUDED		

colour	W	mA		K	Lm			pcs	Kg	CELL	Euro
					XP-G2	XP-L**					
<b>B</b>	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	1.60	31072/R	136,00
<b>B</b>	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30° (15°-45°)	001	1.60	31074/R	136,00
<b>N</b>	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	1.60	31060/R	136,00
<b>N</b>	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30° (15°-45°)	001	1.60	31062/R	136,00

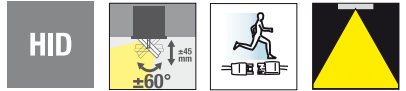
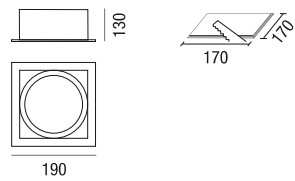
colour	W	mA		lm		K		pcs	Kg	CELL	Euro
				S4	U2**						
<b>B</b>	30	700	1 x Meissa lamp	-	3100	4000	40° (25°-60°)	001	1.50	31230/R	136,50
<b>N</b>	30	700	1 x Meissa lamp	-	3100	4000	40° (25°-60°)	001	1.50	31228/R	136,50
<b>C</b>	30	700	1 x Meissa lamp	-	3100	4000	40° (25°-60°)	001	1.50	31301/R	136,50
<b>B</b>	30	700	1 x Meissa lamp	2700	-	3000	60° (40°-25°)	001	1.50	31094/R	136,50
<b>B</b>	30	700	1 x Meissa lamp	-	3100	3000	60° (40°-25°)	001	1.50	31245/R	150,15

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro
	1x50*	1400	4800							
	1x60*	1800	5800							
<b>N</b>	1x40*	1000	1 x Chameleon lamp	3000	3700	60° (20°-40°)	001	1.60	31240/R	264,60
	1x50*	1400			4800					
	1x60*	1800			5800					
<b>C</b>	1x40*	1000	1 x Chameleon lamp	3000	3700	60° (20°-40°)	001	1.60	31241/R	294,00
	1x50*	1400			4800					
	1x60*	1800			5800					

\* Con alimentatore multipower - With Multipower power supply

\*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value















**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**Upon request:** is possible to replace the LED Lamp provided for by the required code with a model with different characteristics (Page 112)



Alimentazione convenzionale  
Conventional power supply



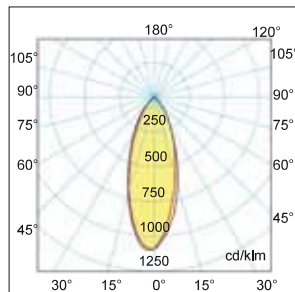
A richiesta:  
alimentazione elettronica  
**On request:**  
Electronic power supply

colour	W		K	pcs	Kg	CNL	Euro	
<b>B</b> *	35	G12	3000	001	1.40	31081	80,00	
<b>B</b> *	70	G12	3000	001	1.90	31083	80,00	
<b>B</b> *	150	G12	3000	001	2.80	31085	80,00	
<b>B</b> ■	35	G12	3000	001	1.40	31231	80,00	
<b>B</b> ■	70	G12	3000	001	1.90	31233	80,00	
<b>B</b> ■	150	G12	3000	001	2.80	31235	80,00	
<b>N</b>	35	G12	3000	001	1.40	31061	80,00	
<b>N</b>	70	G12	3000	001	1.90	31063	80,00	
<b>N</b>	150	G12	3000	001	2.80	31065	80,00	
<b>C</b>	35	G12	3000	001	1.40	31071	80,00	
<b>C</b>	70	G12	3000	001	1.90	31073	80,00	
<b>C</b>	150	G12	3000	001	2.80	31075	80,00	

\* RAL 9013  
■ RAL 9010

**Dati fotometrici - Photometric data**

Galileo G12



Beam angle	Distance	Emax lux
36°	1 m	3600 lux
36°	2 m	900 lux
36°	3 m	400 lux

Beam angle	Distance	Emax lux
36°	1 m	7260 lux
36°	2 m	1815 lux
36°	3 m	806 lux

Beam angle	Distance	Emax lux
36°	1 m	15400 lux
36°	2 m	3850 lux
36°	3 m	1710 lux

# LED Effect



Effect LED è l'incasso a LED ideale per gli ambienti commerciali (supermercati, grandi magazzini, retail, ecc.) per uffici e in qualsiasi ambiente dove è necessario un'illuminazione diretta.

Un apparecchio a base tonda con cornice bianca con corpo estraibile ideale per sostituire apparecchi con sorgenti a ioduri metallici da 35W e 70W. Il bassissimo consumo di energia e la durata di oltre 50.000 ore rendono Effect LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

**Applicazione:** incasso

**Corpo:** alluminio pressofuso UNI5076 sabbiato e viteria in acciaio

**Orientabilità:** verticale 65°, orizzontale 350°

**Riflettore:** alluminio anodizzato e brillantato

**Verniciatura:** di tipo poliestere, eseguita a polvere

**Schermo:** vetro serigrafato temperato, resistente agli shock termici e agli urti

**Cablaggio:** completo di alimentazione elettronica, dotato di morsettieria a 2 poli sul primario e sul secondario

**Driver:** > 50.000 h

*Effect LED is the LED downlighter ideal for retail spaces (supermarkets, department stores, shops, etc.), offices and any other space that requires direct lighting. It has a round body with white frame and pull-out body, ideal to replace fixtures with 35W and 70W metal halide lamps.*

*The ultra-low energy consumption and the duration of over 50,000 hours make Effect LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.*

**Application:** recessed

**Body:** sandblasted die cast aluminium UNI5076 and steel screws

**Adjustable:** vertical 65°, horizontal 350°

**Reflector:** polished and anodised aluminium

**Coating:** coated with powder polyester

**Shield:** tempered glass resistant against thermal shocks and collisions, with serigraphy

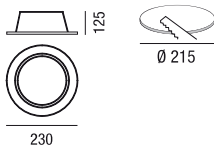
**Wiring:** complete with electronic power supply, equipped with 2 pole terminal board on the primary side

**Driver:** > 50.000 h

## Orientabilità - Adjustability




**LED Effect**



> 50.000 h 30W LED	> 50.000 h 27W LED	3.000 h 100W G53	10.000 h 70W G12
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A richiesta  
On request  
**CRI >90**



 Dimmerabile 0÷10V  
a richiesta  
Dimmable 0÷10V on request

±155mm  
±355°





**INCLUDED**



colour	W	mA			K	Lm		pcs	Kg	CELL	Euro
						XP-G2	XP-L**				
<b>B</b>	27 (10-14)	700	1 x Vega lamp	30° (15°-45°)	6000	2100	(2800)	001	1.50	24106	136,50
<b>B</b>	27 (10-14)	700	1 x Vega lamp	30° (15°-45°)	3000	2100	(2600)	001	1.50	24107	136,50

colour	W	mA			K	lm		pcs	Kg	CELL	Euro
						S4	U2**				
<b>B</b>	30	700	1 x Meissa lamp	40° (25°-60°)	4000	-	3100	001	1.50	24175	136,50
<b>B</b>	30	700	1 x Meissa lamp	40° (25°-60°)	3000	2700	(3100)	001	1.50	24176	136,50

\*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value

**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**Upon request:** is possible to replace the LED Lamp provided for by the required code with a model with different characteristics (Page 112)



**Referenze - Reference:**  
Trony - Via Torino - Milano - Italy

Referenze - *Reference*: Trony - Via Torino - Milano - Italy



Incassi - Sistemi tecnici  
Recessed - Technical systems

Technical  
system

## Moon - Serie da incasso - Interlocking units

					<b>G12</b> Pag. 95 <b>Moon G12</b>
					<b>G53+G12</b> Pag. 96 <b>Moon Mix</b>
					<b>LED</b> Pag. 98 <b>LED Moon</b>
					<b>G12</b> Pag. 99 <b>Moon Black G12</b>

## Occhio - Serie da incasso - Interlocking units

					<b>G12</b> Pag. 102 <b>Occhio G12</b>
					<b>LED</b> Pag. 103 <b>LED Occhio</b>
					<b>G12</b> Pag. 105 <b>Occhio Black G12</b>
					<b>G53</b> Pag. 106 <b>Occhio Black TBT</b>
					<b>LED</b> Pag. 107 <b>LED Occhio Black</b>

# Moon serie

HID

HALO

LED  
>50.000h



**Referenze - Reference:** Touring Auto - Milano - Italy

Moon LED è l'incasso multilampada a LED ideale per gli ambienti commerciali (supermercati, grandi magazzini, retail, ecc.) per uffici e in qualsiasi ambiente dove è necessario un'illuminazione diretta.

Un apparecchio orientabile a base quadrata con cornice grigia o senza cornice ideale per sostituire apparecchi con sorgenti a ioduri metallici da 35W, 70W e 150W. Disponibili diverse potenze a LED sia con sorgenti Leuci che con multichip. A richiesta per quantità nelle colorazioni bianco RAL 9010. Il bassissimo consumo di energia e la durata di oltre 50.000 ore rendono Moon LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

**Applicazione:** incasso

**Corpo:** metallo galvanizzato

**Orientabilità:** verticale X 60°, orizzontale Y 60°

**Verniciatura:** di tipo poliestere, eseguita a polvere

**Schermo:** vetro trasparente temperato, resistente agli shock termici e agli urti (solo per le versioni G12)

**Portalamпада:** ceramica

**Cablaggio:** G12: completo di alimentazione convenzionale, dotato di morsetti a 3 poli sul primario e connessione rapida sul secondario

LED: completo di alimentazione elettronica, dotato di morsetti a 2 poli sul primario e sul secondario

**Driver:** 30W - 40W - 50W > 50.000 h

27W - 65W > 30.000 h

*Moon LED is the LED multilamp downlighter ideal for retail spaces (supermarkets, department stores, shops, etc.), offices and any other space that requires direct lighting. It is an adjustable fixture with square body available with grey frame or in frameless version, ideal to replace fixtures with 35W, 70W and 150W metal halide lamps. Available with different LED wattages, both with Leuci and multichip light sources. Upon request, available with RAL 9010 white colour according to quantity. The ultra-low energy consumption and the duration of over 50,000 hours make Moon LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.*

**Application:** recessed

**Body:** galvanised metal

**Adjustable:** vertical X 60°, horizontal Y 60°

**Coating:** coated with powered polyester

**Shield:** transparent glass resistant to shocks and sudden increases in temperature (only for G12 versions)

**Lamp holder:** ceramic

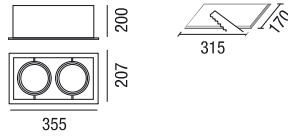
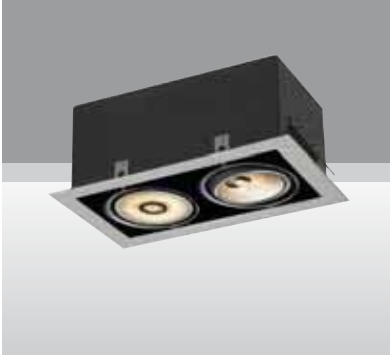
**Wiring:** G12: complete with conventional power supply, equipped with 3 pole terminal board on the primary and quick connection on the secondary






LED: complete with electronic power supply, equipped with 2 pole terminal board on primary

**Driver:** 30W - 40W - 50W > 50.000 h

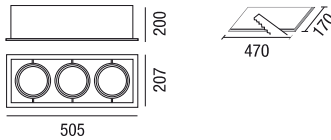
27W - 65W > 30.000 h






### Moon G12 2



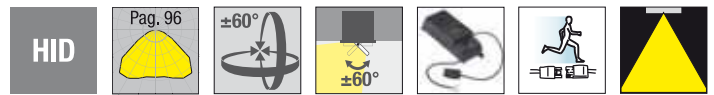
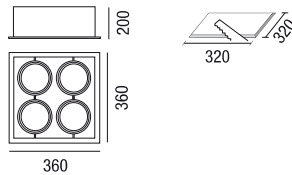
colour	W		K	pcs	Kg	CNL	Euro	
<b>G</b>	2x35	G12	3000	001	6.70	31031	160,00	
<b>G</b>	2x70	G12	3000	001	7.60	31033	160,00	
<b>G</b>	2x150	G12	3000	001	9.00	31035	160,00	






### Moon G12 3



colour	W		K	pcs	Kg	CNL	Euro	
<b>G</b>	3x35	G12	3000	001	8.60	31037	240,00	
<b>G</b>	3x70	G12	3000	001	10.0	31039	240,00	
<b>G</b>	3x150	G12	3000	001	12.3	31041	240,00	

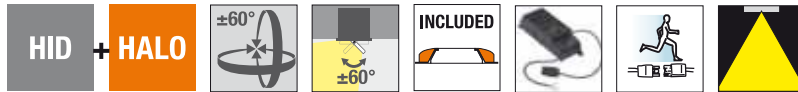
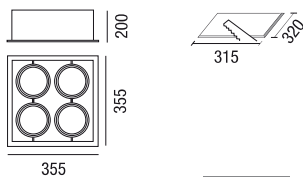
### Moon G12 4












colour	W		K	pcs	Kg	CNL	Euro	
<b>G</b>	4x35	G12	3000	001	13.1	31043	320,00	
<b>G</b>	4x70	G12	3000	001	15.4	31045	320,00	
<b>G</b>	4x150	G12	3000	001	18.8	31047	320,00	



### Moon mix 4





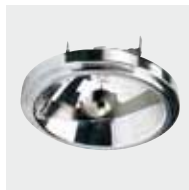
colour	W	 	K	pcs	Kg	CNL+CELL	Euro	
	2x35+2x50	G12+G53	3000	001	8.30	30607	328,65	
	2x70+2x50	G12+G53	3000	001	9.70	30593	331,80	
	2x150+2x50	G12+G53	3000	001	11.3	30595	338,10	

### Accessori - Accessories

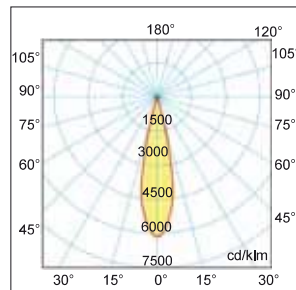
A richiesta si possono utilizzare le nuove lampade Leuci HL111 Super. A parità di intensità luminosa consumano il 40% in meno.

*The new Leuci HL111 Super lamps can also be supplied on request. These lamps are just as bright, but consume 40% less energy.*

	
<b>&gt; 3.000 h</b> <b>G53 HL111 SUPER</b>	<b>2.000 h</b> <b>G53 HL111 ALOGENA</b>
35W	50 W
50W	≈ 75 W
60W	100 W



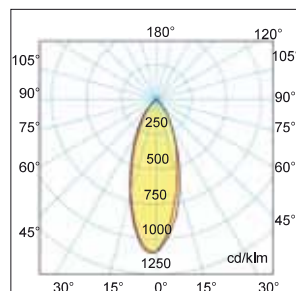
### Dati fotometrici - Photometric data



3000K - 50W - G53		
	24°	Emax
Ø 0,40 m	1 m	4240 lux
Ø 0,80 m	2 m	875 lux
Ø 1,20 m	3 m	385 lux

3000K - 75W - G53		
	24°	Emax
Ø 0,40 m	1 m	6400 lux
Ø 0,80 m	2 m	1400 lux
Ø 1,20 m	3 m	590 lux

3000K - 100W - G53		
	24°	Emax
Ø 0,40 m	1 m	8500 lux
Ø 0,80 m	2 m	2120 lux
Ø 1,20 m	3 m	940 lux



3000K - 35W - G12		
	36°	Emax
Ø 0,65 m	1 m	3600 lux
Ø 1,30 m	2 m	900 lux
Ø 2,00 m	3 m	400 lux

3000K - 75W - G12		
	36°	Emax
Ø 0,65 m	1 m	7260 lux
Ø 1,30 m	2 m	1815 lux
Ø 2,00 m	3 m	806 lux

3000K - 150W - G12		
	36°	Emax
Ø 0,65 m	1 m	15400 lux
Ø 1,30 m	2 m	3850 lux
Ø 2,00 m	3 m	1710 lux

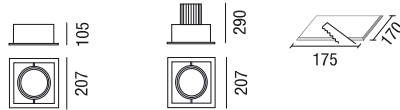
Referenze - *Reference*: Chateau D'Ax C.so Francia (TO) - Italy



Incassi - Sistemi tecnici  
Recessed - Technical systems

Technical  
system

### LED Moon 1



27W



40W - 50W - 60W

> 50,000 h 27W LED	3,000 h 100W G53	10,000 h 70W G12
-----------------------	---------------------	---------------------

A richiesta On request <b>CRI &gt;90</b>	> 50,000 h 40W LED	10,000 h 70W	> 50,000 h 50W LED	10,000 h 100W	> 50,000 h 60W LED	10,000 h 150W
--	-----------------------	-----------------	-----------------------	------------------	-----------------------	------------------

<b>LED</b> >50,000h		 Dimmerabile 0÷10V a richiesta Dimmable 0÷10V on request	 ±60°	 ±60°	<b>INCLUDED</b>	
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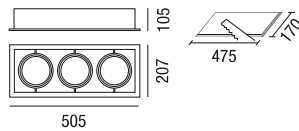






colour	W	mA		K	Lm			pcs	Kg	CELL	Euro
					XP-G2	XP-L**					
G	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	2.90	31051	118,65
G	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30° (15°-45°)	001	2.90	31050	118,65
G	1x40 *	1000	1 x Chameleon lamp	3000	3700		60° (20°-40°)	001	3.00	32479	275,10
	1x50 *	1400			4800						
	1x60 *	1800			5800						



\* Con alimentatore Multipower - With Multipower power supply  
 \*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value  
 A richiesta temperatura di colore 4000K - On request color temperature 4000K

**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 112)

### LED Moon 3

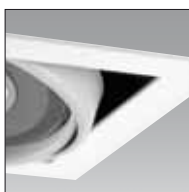


<b>LED</b> >50,000h		 Dimmerabile 0÷10V a richiesta Dimmable 0÷10V on request	 ±60°	 ±60°	<b>INCLUDED</b>	
------------------------	---	---	--	--	-----------------	---

colour	W	mA		K	Lm			pcs	Kg	CELL	Euro
					XP-G2	XP-L**					
G	81	700	3 x Vega lamp	6000	6300	(8400)	30° (15°-45°)	001	4.90	31058	334,95
G	81	700	3 x Vega lamp	3000	6000	(7800)	30° (15°-45°)	001	4.90	31059	334,95

\*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value  
 A richiesta temperatura di colore 4000K - On request color temperature 4000K

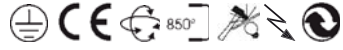
**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 112)



 Disponibile in bianco RAL 9010  
 Available in RAL 9010 white

**/W** Per ordinazioni aggiungere il suffisso /W dopo il codice prodotto Grigio es: 31051/W  
 For orders add /W after the product code Gray es: 31051/W

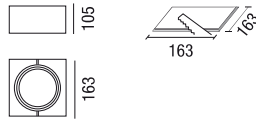
220-240V 50/60Hz



IK07

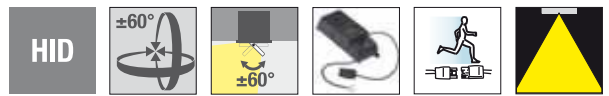
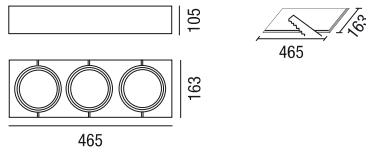
IP20

### Moon black G12 1



colour	W		K	pcs	Kg	CNL	Euro	
<b>N</b>	35	G12	3000	001	3.80	32521	80,00	
<b>N</b>	70	G12	3000	001	4.20	32523	80,00	
<b>N</b>	150	G12	3000	001	5.20	32525	80,00	

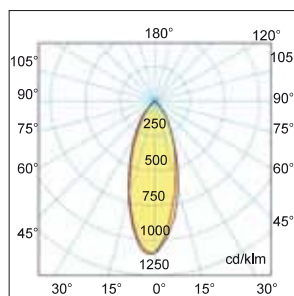
### Moon black G12 3



colour	W		K	pcs	Kg	CNL	Euro	
<b>N</b>	3x35	G12	3000	001	8.60	32533	240,00	
<b>N</b>	3x70	G12	3000	001	10,0	32535	240,00	
<b>N</b>	3x150	G12	3000	001	12.3	32537	240,00	

### Dati fotometrici - Photometric data

Moon Black G12



3000K - 35W - G12		36°		E <sub>max</sub>	
∅ 0.65 m	1 m	3600 lux			
∅ 1.30 m	2 m	900 lux			
∅ 2.00 m	3 m	400 lux			

3000K - 75W - G12		36°		E <sub>max</sub>	
∅ 0.65 m	1 m	7260 lux			
∅ 1.30 m	2 m	1815 lux			
∅ 2.00 m	3 m	806 lux			

3000K - 150W - G12		36°		E <sub>max</sub>	
∅ 0.65 m	1 m	15400 lux			
∅ 1.30 m	2 m	3850 lux			
∅ 2.00 m	3 m	1710 lux			

Referenze - *Reference*: Euronics - Limbiate (MI) - Italy



# Serie Occhio

HID

HALO

LED  
>50.000h



## Referenze - Reference:

Supermarket Leclerc - Bourgoin-Jallieu - Lyon (France)

Occhio LED è l'incasso multilampada a LED ideale per gli ambienti commerciali (supermercati, grandi magazzini, retail, ecc.) per uffici e in qualsiasi ambiente dove è necessario un'illuminazione diretta. Un apparecchio orientabile ed estraibile a base quadrata con cornice (grigia o bianca) o senza cornice ideale per sostituire apparecchi con sorgenti a ioduri metallici da 35W e 70W. Disponibili diverse potenze a LED con sorgenti Leuci. Il bassissimo consumo di energia e la durata di oltre 50000 ore rendono Moon LED ideale per illuminare tanto senza consumare molto, difatti, è possibile risparmiare circa il 50% di energia annullando anche i costi per la manutenzione e quindi permettendo un maggiore risparmio economico.

**Applicazione:** Incasso.

**Costruzione:** In lamiera di acciaio.

Corpo di colore nero opaco con cornice in colore RAL 9006 per la versione grigia.

Corpo e cornice di colore bianco RAL9010 per la versione bianca.

**Orientabilità:** ruota rispetto all'asse centrale di 355° e può essere inclinato rispetto all'asse verticale di 55° (fuori tutto). Sporgenza massima della parabola da 0 a 130 mm.

**Parabola portalampada:** lamiera tornita in lastra e verniciata a polvere grigio metallizzato RAL 9006 (versione nero) o RAL 9010 (versione bianco).

**Ghiera di chiusura portalampada:** alluminio pressofuso e verniciato a polvere grigio metallizzato RAL 9006 (versione nero) o RAL 9010 (versione bianco).

**Riflettore:** alluminio satinato e brillantato (solo per versione con portalampada G12).

**Vetro di chiusura parabola portalampada:** vetro trasparente temperato, resistente agli shock termici e agli urti (solo per versione G12).

**Portalampada:** ceramico G12

**Cablaggio:** G12: completo di alimentatore convenzionale, dotato di morsetti a 3 poli sul primario e connessione rapida sul secondario.

**G53/LED:** completo di alimentatore elettronico dotato di morsetti a 2 poli sul primario e sul secondario.

*Occhio LED is the LED multilamp downlighter ideal for retail spaces (supermarkets, department stores, shops, etc.), offices and any other space that requires direct lighting. It is a pull-out adjustable fixture with square body available with frame (grey or white) or in frameless version, ideal to replace fixtures with 35W and 70W metal halide lamps. Available in different LED wattages with Leuci light sources. The ultra-low energy consumption and the duration of over 50,000 hours make Moon LED ideal for long-lasting lighting without excessive energy consumption, saving on energy costs by up to 50% and cutting down maintenance costs for higher money saving.*

**Application:** recessed

**Construction:** steel sheet.

*Matte black body with frame in RAL 9006 in the grey version.*

*Body and frame in RAL9010 white in the white version.*

**Orientation:** can rotate in comparison to the central axis of 355° and be tilted in comparison to the vertical axis of 55° (out all). Maximum Prominence of the optic from 0 to 130 mm.

**Lamp holder hood:** powder-coated turned sheet metal, metallic grey RAL 9006 (black version) or RAL 9010 (white version).

**Lamp holder lock ring:** powder-coated die-cast aluminium, metallic grey RAL 9006 (black version) or RAL 9010 (white version).

**Reflector:** satin-finished polished aluminium (only on version G12 lampholder).

**Hood Lamp holder glass:** tempered transparent glass, resistant against thermal shocks and collisions (only for version G12).

**Lamp holder:** ceramic G12

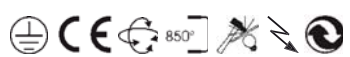
**Wiring:** G12: complete with conventional ballast, 3-pole terminal board on primary circuit and quick connection on secondary circuit.

**G53/LED:** complete with electronic ballast, 2-pole terminal board on primary and secondary circuits

## Orientabilità - Adjustability

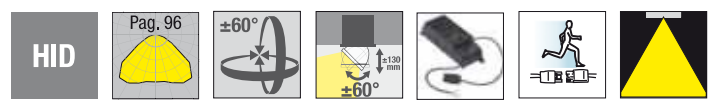
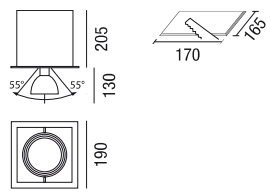


220-240V 50/60Hz

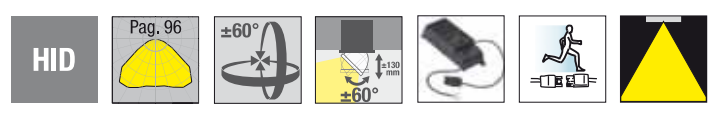
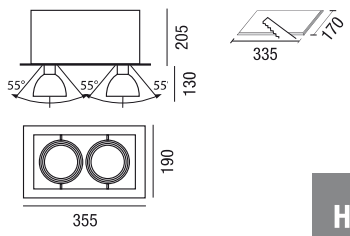


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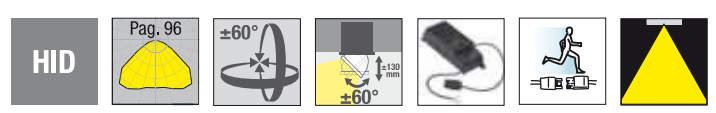
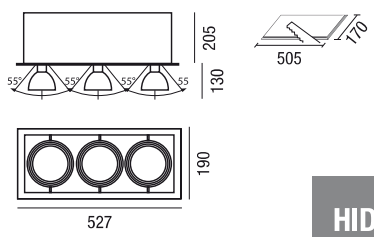
IP20



colour	W		K	pcs	Kg	CNL	Euro	
B	70	G12	3000	001	1,75	25803	80,00	
S	70	G12	3000	001	1,75	25801	80,00	
B	150	G12	3000	001	1,75	25805	80,00	
S	150	G12	3000	001	1,75	25804	80,00	



colour	W		K	pcs	Kg	CNL	Euro	
B	2x70	G12	3000	001	3,00	25808	160,00	
S	2x70	G12	3000	001	3,00	25807	160,00	
B	2x150	G12	3000	001	3,00	25810	160,00	
S	2x150	G12	3000	001	3,00	25809	160,00	



colour	W		K	pcs	Kg	CNL	Euro	
B	3x70	G12	3000	001	4,50	25814	240,00	
S	3x70	G12	3000	001	4,50	25813	240,00	
B	3x150	G12	3000	001	4,50	25817	240,00	
S	3x150	G12	3000	001	4,50	25815	240,00	

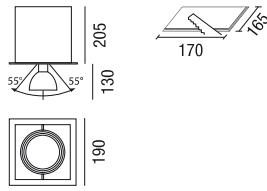
220-240V 50/60Hz



IK07

IP20

**LED Occhio 1**



Dimmerabile 0÷10V a richiesta  
Dimmable 0÷10V on request

> 50.000 h  
27W LED

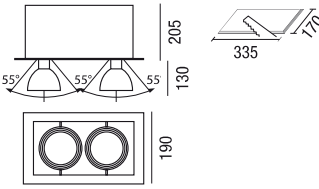
3.000 h  
100W

colour	W	mA	Lamp	K	Lm		Beam	pcs	Kg	CELL	Euro
					XP-G2	XP-L**					
B	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	2.10	31191	126,00
S	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	2.10	31192	126,00
B	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30° (15°-45°)	001	2.10	31193	126,00
S	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30° (15°-45°)	001	2.10	31194	126,00

\*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value

**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 112)

**LED Occhio 2**



Dimmerabile 0÷10V a richiesta  
Dimmable 0÷10V on request

> 50.000 h  
27W LED

3.000 h  
100W

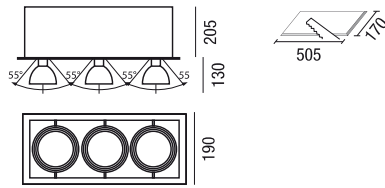
colour	W	mA	Lamp	K	Lm		Beam	pcs	Kg	CELL	Euro
					XP-G2	XP-L**					
B	54	700	2 x Vega lamp	6000	4200	(5600)	30° (15°-45°)	001	3.80	31187	241,50
S	54	700	2 x Vega lamp	6000	4200	(5600)	30° (15°-45°)	001	3.80	31186	241,50
B	54	700	2 x Vega lamp	3000	4000	(5200)	30° (15°-45°)	001	3.80	31184	241,50
S	54	700	2 x Vega lamp	3000	4000	(5200)	30° (15°-45°)	001	3.80	31183	241,50


\*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value


**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 112)





**LED Occhio 3**




 Dimmerabile 0÷10V a richiesta  
 Dimmable 0÷10V on request


 > 50.000 h  
 27W LED


 3.000 h  
 100W


 LED >50.000h


 5 ANNI


A richiesta  
 On request  
**CRI >90**

 Pag. 115 ±60°



 ±60°

 ±60°

 INCLUDED





colour	W	mA		K	Lm			pcs	Kg	CELL	Euro
					XP-G2	XP-L**					
B	81	700	3 x Vega lamp	6000	6300	(8400)	30° (15°-45°)	001	4.80	31197	423,15
S	81	700	3 x Vega lamp	6000	6300	(8400)	30° (15°-45°)	001	4.80	31199	405,30
B	81	700	3 x Vega lamp	3000	6000	(7800)	30° (15°-45°)	001	4.80	31148	407,40
S	81	700	3 x Vega lamp	3000	6000	(7800)	30° (15°-45°)	001	4.80	31149	407,40

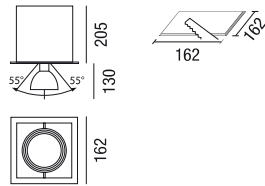
\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value


**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 112)

**Referenze - Reference:** Supermarket Leclerc - Bourgoin-Jallieu - Lyon (France)








### Occhio black G12 1



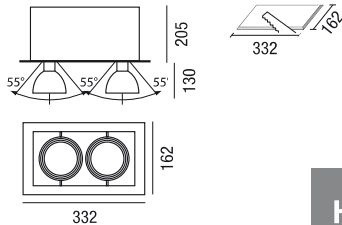





colour	W		K	pcs	Kg	CNL	Euro	
S	70	G12	3000	001	1.50	31168	80,00	
S	150	G12	3000	001	1.50	31169	80,00	

### Occhio black G12 2









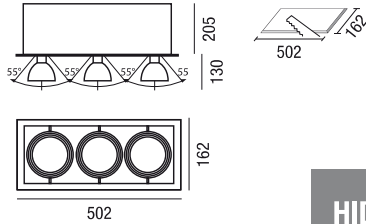

















colour	W		K	pcs	Kg	CNL	Euro	
S	140	G12	3000	001	2.60	31170	160,00	
S	300	G12	3000	001	2.60	31171	160,00	

### Occhio black G12 3



colour	W		K	pcs	Kg	CNL	Euro	
S	210	G12	3000	001	3.80	31172	240,00	
S	450	G12	3000	001	3.80	31173	240,00	

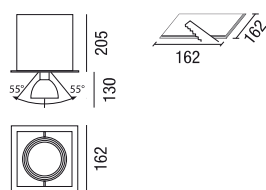
220-240V 50/60Hz



IK07

IP20

### Occhio black TBT 1

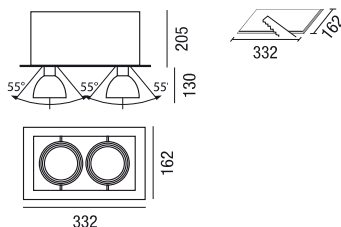


HALO



colour	W		K	pcs	Kg	CELL	Euro
S	75	G53	3000	001	1.45	31175	40,00
S	100	G53	3000	001	1.45	31176	40,00

### Occhio black TBT 2

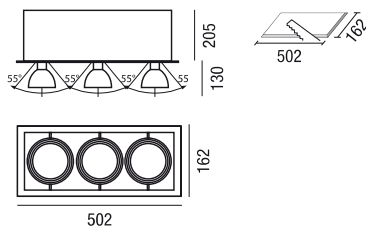


HALO



colour	W		K	pcs	Kg	CELL	Euro
S	150	G53	3000	001	2.50	31178	80,00
S	200	G53	3000	001	2.50	31179	80,00

### Occhio black TBT 3

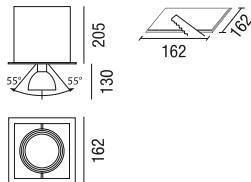


HALO



colour	W		K	pcs	Kg	CELL	Euro
S	225	G53	3000	001	4.35	31181	120,00
S	300	G53	3000	001	4.35	31182	120,00

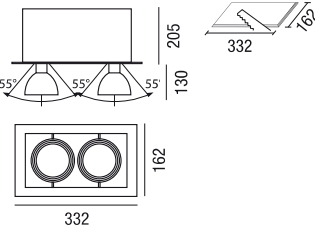
### LED Occhio black 1



Dimmerabile 0-10V a richiesta  
Dimmable 0-10V on request

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro
<b>XP-G XP-L**</b>										
<b>S</b>	27 (10-14)	700	1 x Vega lamp	6000	2100 (2800)	30° (15°-45°)	001	2.00	31195	126,00
<b>S</b>	27 (10-14)	700	1 x Vega lamp	3000	2000 (2600)	30° (15°-45°)	001	2.00	31196	126,00

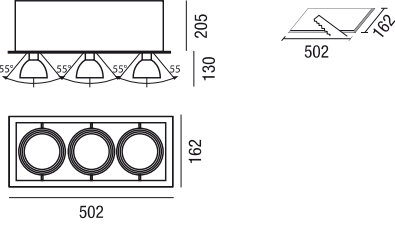
### LED Occhio black 2



Dimmerabile 0-10V a richiesta  
Dimmable 0-10V on request

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro
<b>XP-G2 XP-L**</b>										
<b>S</b>	54	700	2 x Vega lamp	6000	4200 (5600)	30° (15°-45°)	001	3.40	31188	241,50
<b>B</b>	54	700	2 x Vega lamp	3000	4000 (5200)	30° (15°-45°)	001	3.40	31185	241,50

### LED Occhio black 3



Dimmerabile 0-10V a richiesta  
Dimmable 0-10V on request

colour	W	mA		K	Lm		pcs	Kg	CELL	Euro
<b>XP-G2 XP-L**</b>										
<b>S</b>	81	700	3 x Vega lamp	6000	6300 (5600)	30° (15°-45°)	001	4.00	31198	346,50
<b>S</b>	81	700	3 x Vega lamp	3000	6000 (5200)	30° (15°-45°)	001	4.00	31206	346,50

\*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value

**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 112)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 112)

# LED Nota RC

LED  
>50.000h



Sistema di faretti orientabili da incasso. Struttura in acciaio verniciato nero opaco. Questi LED sono consigliati per illuminare quadri esposti in musei e gallerie d'arte perchè non producono nessuna emissione di raggi UV o infrarossi (non scoloriscono o scaldano gli oggetti). L'impiego dei LED rende possibile la realizzazione di sistemi di illuminazione molto efficienti con drastica riduzione dei consumi energetici. La durata di oltre 50.000 ore consente l'abbattimento dei costi di manutenzione e sostituzione delle lampadine.

Per il montaggio di LED Nota RC è indispensabile l'accessorio cornice (Nota FR 1/2/3) da fissare preventivamente nel foro del cartongesso per facilitarne l'installazione ed evitare imperfezioni.

Tutti i modelli sono provvisti di lampade Leuci e alimentatori elettronici Relco.

**Corpo:** metallo galvanizzato

**Orientabilità:** verticale  $\pm 45^\circ$ , orizzontale  $\pm 355^\circ$

**Verniciatura:** di tipo poliestere, eseguita a polvere, Nero RAL9005.

**Diffusore:** in policarbonato opaco (non incluso).

**Cablaggio:** completo di alimentazione elettronica, dotato di morsettiera a 2 poli sul primario e sul secondario.

**Cornice:** disponibile (a richiesta) cornice esterna facilmente applicabile a prodotto già installato, in due finiture, argento o con finitura pretrattata per vernice murale.

*System of adjustable spot-lights recessed. Lamp-bearing structure in matt black. Steel structure with matt black finish. These LEDs are recommended for lighting pictures in museums and art galleries as they do not emit any UV or infra-red rays (they do not discolour or transmit heat to the objects). The use of LEDs makes it possible to set up highly efficient lighting systems that consume minimal energy. The LEDs also have a lifespan of more than 50,000 hours, with no costs associated with maintenance or replacing the bulbs.*

*The recessed versions come with a frame accessory (Nota FR) which can be set into a wall or integrated into plasterboard to ease installation and prevent imperfections. All the models come with Leuci bulbs and Relco electronic power supplies.*

**Body:** galvanised metal

**Adjustable:** vertical  $\pm 45^\circ$ , horizontal  $\pm 355^\circ$

**Coating:** coated with powered polyester

**Diffuser:** in opal polycarbonate (not included).

**Wiring:** complete with electronic power supply, equipped with 2 pole terminal board on primary.

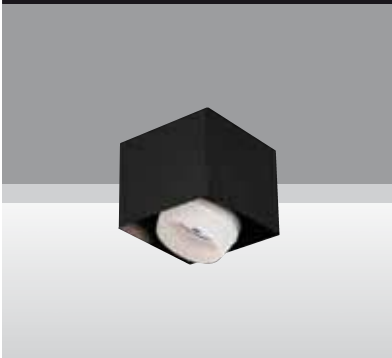
**Frame:** available (on request) external frame, easy to apply when the product is installed in two finishes, silver or finished in pre-treated to paint mural.





A richiesta con sorgente luminosa da 30W LED Multichip:  
3000K (2040 lm), 4000K (2040 lm), 6000K (2400 lm).  
Con riflettore da 25° o 40°

*On request with 30W multichip LED light source:  
3000K (2040 lm), 4000K (2040 lm), 6000K (2400 lm).  
With reflector 25° or 40°*

### LED Nota RC 1



 Dimmerabile 0÷10V a richiesta  
Dimmable 0÷10V on request



 > 50.000 h  
27W LED

 3.000 h  
100W



A richiesta  
On request  
**CRI >90**



colour	W	mA		K	Lm			pcs	Kg	CELL	Euro
					XP-G	XP-L**					
<b>S</b>	27 (10-14)	700	1 x Vega lamp	6000	2100	(2800)	30° (15°-45°)	001	2.05	362224	113,00
<b>S</b>	27 (10-14)	700	1 x Vega lamp	4000	2000	(2600)	30° (15°-45°)	001	2.05	363624	113,00
<b>S</b>	27 (10-14)	700	1 x Vega lamp	3000	2000	(2600)	30°	001	2.05	362124	113,00

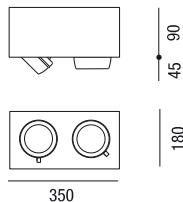
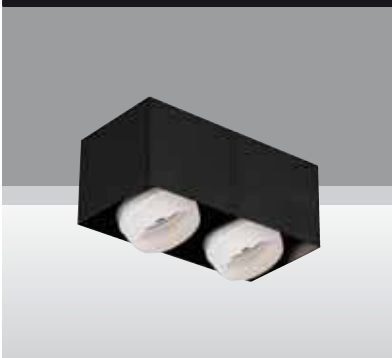
\*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value


**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 113)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 113)


A richiesta per quantità, possibilità di avere corpo interno e telaio esterno nel colore Bianco. Per il colore Bianco aggiungere /W dopo il codice

Upon request, for quantities, it is possible to have the internal body and external frame with White. For the White color, add /W after the code.

### LED Nota RC 2



 Dimmerabile 0÷10V a richiesta  
Dimmable 0÷10V on request



 > 50.000 h  
27W LED

 3.000 h  
100W



A richiesta  
On request  
**CRI >90**



colour	W	mA		K	Lm			pcs	Kg	CELL	Euro
					XP-G2	XP-L**					
<b>S</b>	54	700	2 x Vega lamp	6000	4200	(5600)	30° (15°-45°)	001	3.00	361624	214,00
<b>S</b>	54	700	2 x Vega lamp	4000	4000	(5200)	30°	001	3.00	360924	214,00
<b>S</b>	54	700	2 x Vega lamp	3000	4000	(5200)	30° (15°-45°)	001	3.00	361524	214,00

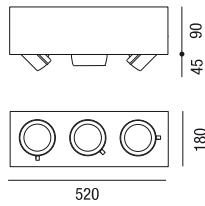
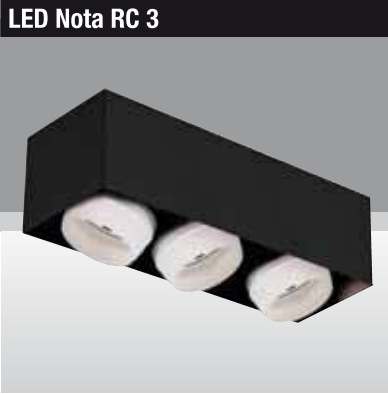
\*\* A richiesta possibilità di flusso luminoso di valore maggiore - On request possibility of luminous flux of greater value


**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 113)  
**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 113)

A richiesta per quantità, possibilità di avere corpo interno e telaio esterno nel colore Bianco. Per il colore Bianco aggiungere /W dopo il codice

Upon request, for quantities, it is possible to have the internal body and external frame with White. For the White color, add /W after the code.

**LED Nota RC 3**



 Dimmerabile 0÷10V  
a richiesta  
*Dimmable 0÷10V on request*



> 50.000 h  
 27W LED

3.000 h  
 100W



A richiesta  
On request  
**CRI >90**



colour	W	mA		K	Lm			pcs	Kg	CELL	Euro
					XP-G2	XP-L**					
<input type="checkbox"/> S	81	700	3 x Vega lamp	6000	6300	(8400)	30° (15°-45°)	001	4.10	362924	322,50
<input type="checkbox"/> S	81	700	3 x Vega lamp	4000	6000	(7800)	30°	001	4.10	363724	322,50
<input type="checkbox"/> S	81	700	3 x Vega lamp	3000	6000	(7800)	30° (15°-45°)	001	4.10	362824	322,50

\*\* A richiesta possibilità di flusso luminoso di valore maggiore - *On request possibility of luminous flux of greater value*

**Su richiesta:** è possibile cambiare la lampada LED prevista dal codice con un modello con caratteristiche diverse (Pag. 113)




**On demand:** is possible to replace de LED Lamp provided for by the required code with a model with different characteristics (Page 113)


A richiesta per quantità, possibilità di avere corpo interno e telaio esterno nel colore Bianco. Per il colore Bianco aggiungere /W dopo il codice

*Upon request, for quantities, it is possible to have the internal body and external frame with White. For the White color, add /W after the code.*

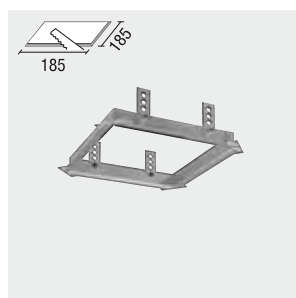


**Accessori non inclusi - Accessories not included**

colour	descrizione - description	pcs	Kg	Cod.	Euro
<b>B</b>	Cornice esterna Bianca per LED Nota 1 - <i>External frame color white to LED Nota 1</i>	001	0.60	366625	7,00
<b>S</b>	Cornice esterna Silver per LED Nota 1 - <i>External frame color silver to LED Nota1</i>	001	0.60	365425	7,00
	Cornice esterna pretrattata per LED Nota 1 - <i>External frame pre-treated to LED Note 1</i>	001	0.60	365525	7,00
<b>B</b>	Cornice esterna Bianca per LED Nota 2 - <i>External frame color white to LED Nota 2</i>	001	0.60	366725	9,00
<b>S</b>	Cornice esterna Silver per LED Nota 2 - <i>External frame color silver to LED Nota 2</i>	001	0.60	365625	9,00
	Cornice esterna pretrattata per LED Nota 2 - <i>External frame pre-treated to LED Note 2</i>	001	0.60	365725	9,00
<b>B</b>	Cornice esterna Bianca per LED Nota 3 - <i>External frame color white to LED Nota 3</i>	001	0.60	366825	11,00
<b>S</b>	Cornice esterna Silver per LED Nota 3 - <i>External frame color silver to LED Nota 3</i>	001	0.60	366425	11,00
	Cornice esterna pretrattata per LED Nota 3 - <i>External frame pre-treated to LED Note 3</i>	001	0.60	366525	11,00

**S**  Cornice esterna, in due finiture, argento o con finitura pretrattata per vernice murale  
*External frame, in two finishes, silver or finished in pre-treated to paint mural*

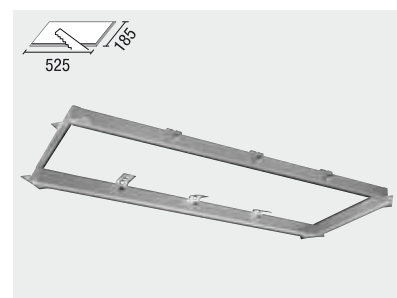
**Cod. 365325 - Euro 16,00**  
**Nota FR1 plaster kit**



**Cod. 365025 - Euro 19,00**  
**Nota FR2 plaster kit**



**Cod. 366325 - Euro 22,00**  
**Nota FR3 plaster kit**

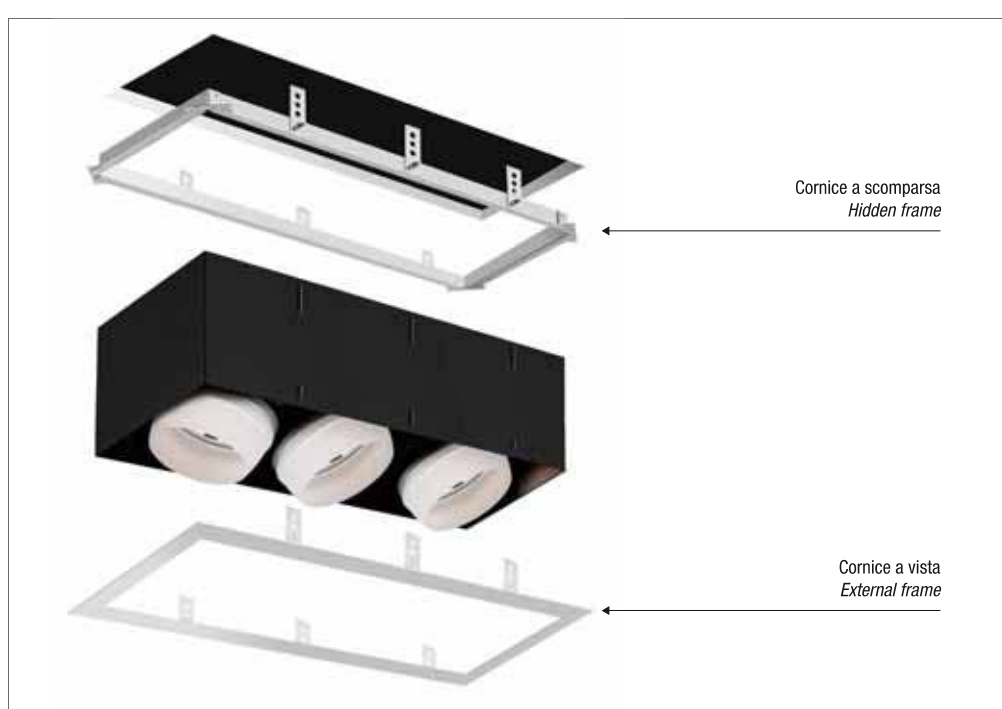


**Cod. 363026 - Euro 8,10**  
**Diffusore/Diffuser**



Accessorio (non incluso) cornice da murare o integrare in cartongesso.  
*Frame accessory (not included) which can be set into a wall or integrated into plasterboard.*

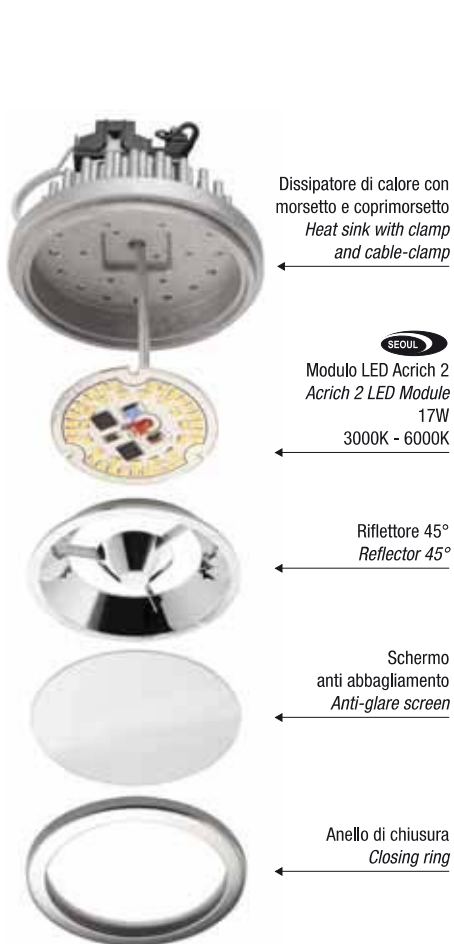
Diffusore in policarbonato (non incluso).  
*Polycarbonate diffuser (not included)*





**SYRMA 230V - R111MC**

**NEW**



Dissipatore di calore con morsetto e coprimorsetto  
*Heat sink with clamp and cable-clamp*



Modulo LED Acrich 2  
*Acrich 2 LED Module*  
17W  
3000K - 6000K

Riflettore 45°  
*Reflector 45°*

Schermo anti abbagliamento  
*Anti-glare screen*

Anello di chiusura  
*Closing ring*

**MEISSA - R111MC**

**CDT**



Dissipatore di calore  
*Heat sink*



Modulo LED  
*LED Module*  
14W - 21W - 30W  
3000K - 4000K - 6000K

Riflettore 25° - 40°  
*Reflector 25° - 40°*

Schermo policarbonato trasparente  
*Transparent polycarbonate screen*

Griglia di ventilazione  
*Ventilation grille*

Anello di chiusura  
*Closing ring*

**CHAMELEON - R111**

**CDT**



Pompa di raffreddamento a membrana  
*Cooling pump diaphragm*

Dissipatore di calore  
*Heat sink*



Modulo LED  
*LED Module*  
40W - 50W - 60W  
3000K - 4000K - 6000K

Diffusore  
*Diffuser*  
20° - 40° - 60°

**A richiesta:** filtri anti-abbagliamento a correzione cromatica  
**On request:** anti-glare filter for chromatic correction

Anello di chiusura  
*Closing ring*

Prodotto - Product		Vega 9 Led R111	Vega 9 Led Opale R111	Mizar - R111	Syrma 230V R111MC	Meissa R111	Chameleon R111	Pag.
	LED Nota	•	•	•	•	•		108
	LED Retail	•	•		•			177
	LED H.I.X.			•				183
	LED Axolute 1	•	•	•	•	•	•	193
	LED Axolute 2	•	•		•	•		194
	LED Phoenix	•	•		•			198



**SYRMA 230V - R111MC**

**NEW**



Dissipateur de chaleur avec borne et couvre-borne  
Kühlkörper mit Klemme und Klemmenabdeckung

**SEOL**  
Module LED Acrich 2  
Acrich 2 LED Modul  
17W  
3000K - 6000K

Riflecteur 45°  
Reflektor 45°

Écran anti-éblouissement  
Anti-Glare-Bildschirm

Anneau de fermeture  
Verschlussring

**MEISSA - R111MC**

**CDT**



Dissipateur de chaleur  
Kühler zum Zerstreuen der Wärme

**CREE**  
Module LED  
LED Modul  
14W - 21W - 30W  
3000K - 4000K - 6000K

Riflecteur 25° - 40° - 60°  
Reflektor 25° - 40° - 60°

Écran en polycarbonate transparente  
Polycarbonat klar Schild

Grille de refroidissement  
Kühlgitter

Anneau de fermeture  
Verschlussring

**CHAMELEON - R111**

**CDT**



Pompe de refroidissement à membrane  
Membrankühlpumpe

Dissipateur de chaleur  
Kühler zum Zerstreuen der Wärme

**CREE**  
Module LED  
LED Modul  
40W - 50W - 60W  
3000K - 4000K - 6000K

Diffuseur  
Diffuser  
20° - 40° - 60°

**Sur demande:** filtres anti-éblouissement et correction chromatique  
**Au Anfrage:** filter für Blendschutts- und Farbkorrektur

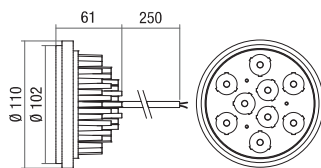
Anneau de fermeture  
Verschlussring

Produit - Produkt		Vega 9 Led R111	Vega 9 Led Opale R111	Mizar - R111	Syrma 230V R111MC	Meissa R111	Chameleon R111	Pag.
	LED Nota	•	•	•	•	•		108
	LED Retail	•	•		•			177
	LED H.I.X.			•				183
	LED Axolute 1	•	•	•	•	•	•	193
	LED Axolute 2	•	•		•	•		194
	LED Phoenix	•	•		•			198



# Vega 9 Led - Optospot R111

## Vega 9 Led



CDT



A richiesta  
On request  
**CRI >90**



Dimmerabile con alimentatore  
a corrente costante  
Dimmable with constant  
current power supply

### Led CREE XP-G2

Cod.	mA			Beam	K	N° LED	Dimmer	V max	ta °C	lm			h.	Pcs	Euro
R111/N/B	350	500	700	15°	6000	9	OK	38	40	1100	1500	2100	50.000	1	50,00
R111/N/BC				15°	3000	9	OK	38	40	950	1400	2000	50.000	1	50,00
R111/M/B				30°	6000	9	OK	38	40	1100	1500	2100	50.000	1	50,00
R111/M/BN	350	500	700	30°	4000	9	OK	38	40	950	1400	2000	50.000	1	50,00
R111/M/BC				30°	3000	9	OK	38	40	950	1400	2000	50.000	1	50,00
R111/W/B	350	500	700	40°	6000	9	OK	38	40	1100	1500	2100	50.000	1	50,00
R111/W/BC				40°	3000	9	OK	38	40	950	1400	2000	50.000	1	50,00

### Led CREE XP-L - High Flux

Cod.	mA			Beam	K	N° LED	Dimmer	V max	ta °C	lm			h.	Pcs	Euro
R111/N/BX	350	500	700	15°	6000	9	OK	38	40	1470	2000	2800	50.000	1	60,00
R111/N/BCX				15°	3000	9	OK	38	40	1360	1850	2600	50.000	1	60,00
R111/M/BX	350	500	700	30°	6000	9	OK	38	40	1470	2000	2800	50.000	1	60,00
R111/M/BNX				30°	4000	9	OK	38	40	1360	1850	2600	50.000	1	60,00
R111/M/BCX				30°	3000	9	OK	38	40	1360	1850	2600	50.000	1	60,00
R111/W/BX	350	500	700	40°	6000	9	OK	38	40	1470	2000	2800	50.000	1	60,00
R111/W/BCX				40°	3000	9	OK	38	40	1360	1850	2600	50.000	1	60,00



Possibile fornire la lampada Vega 9 Led con Kit di emergenza Cod. RP0709 - Batteria a scelta (Vedi Pag. 422)

The LED Vega 9 Led lamp can also be provided with Emergency Kit - Cod. RP0709 - Possibility to choose the battery (See page 422)

#### Modulo Led CREE XP-G2 oppure XP-L

Diametro 111mm analogo lampada alogena AR111 con 9 led di potenza

Lenti da 15°(N), 30°(M) o 40°(W).

Da utilizzarsi con alimentatori elettronici a corrente costante 350mA, 500mA, 700 mA.

Connessione con cavo trasparente di 25cm.

**Colore dissipatore:** grigio satinato.

**Attenzione:** connettere esclusivamente in serie (corrente max 700mA)

**A richiesta:** alimentatore dimmerabile 0-10V o Dali. Per la scelta dell'alimentatore vedi sezione Led Drivers da Pag. 405.

#### CREE XP-G2 Led module or XP-L

Diameter 111mm, similar to AR111 halogen lamp, equipped with 9 power leds

Lens 15°(N), 30°(M) or 40°(W)

To be used with 350mA, 500mA or 700mA constant current power supply

Connection with transparent cable 25cm long.

**Heat sink color:** matt grey.

**Warning:** serial connection only (max current 700mA)

**On demand:** Dimmable power supply 0-10V or Dali.

To choose the power supply unit, please see the LED Drivers section from Pag. 405.



#### Su richiesta / Upon request

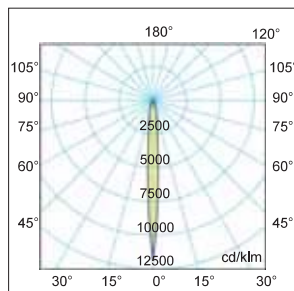
Verniciato Bianco / White painted (BIR111V...)

Verniciato Nero / Black painted (NER111V...)

Verniciato Oro / Gold painted (GLR111V...)

### Led CREE XP-G2

#### Vega 15°



> 50.000 h LED R111		cd - 15°			3,000 h G53		10,000 h G12	
mA	W max	3000K	4000K	6000K	W	W	≈	
350	10	11.240	11.240	13.000	50	-		
500	14	16.560	16.560	17.743	70	35		
700	27	23.658	23.658	24.840	100	50		

6000K - 350mA		Emax	
∅ 0,26 m	1 m	13.000 lux	
∅ 0,52 m	2 m	3.250 lux	
∅ 0,78 m	3 m	1.449 lux	

3000K/4000 - 350mA		Emax	
∅ 0,26 m	1 m	11.240 lux	
∅ 0,52 m	2 m	2.810 lux	
∅ 0,78 m	3 m	1.253 lux	

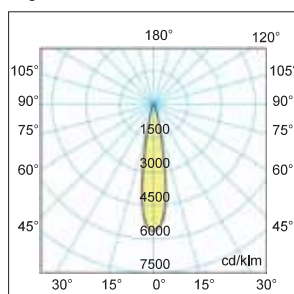
6000K - 500mA		Emax	
∅ 0,26 m	1 m	17.743 lux	
∅ 0,52 m	2 m	4.436 lux	
∅ 0,78 m	3 m	1.978 lux	

3000K/4000K - 500mA		Emax	
∅ 0,26 m	1 m	16.560 lux	
∅ 0,52 m	2 m	4.140 lux	
∅ 0,78 m	3 m	1.846 lux	

6000K - 700mA		Emax	
∅ 0,26 m	1 m	24.840 lux	
∅ 0,52 m	2 m	6.210 lux	
∅ 0,78 m	3 m	2.769 lux	

3000K/4000K - 700mA		Emax	
∅ 0,26 m	1 m	23.658 lux	
∅ 0,52 m	2 m	5.914 lux	
∅ 0,78 m	3 m	2.636 lux	

#### Vega 30°



> 50.000 h LED R111		cd - 30°			3,000 h G53		10,000 h G12	
mA	W max	3000K	4000K	6000K	W	W	≈	
350	10	5.428	5.428	6.285	50	-		
500	14	8.000	8.000	8.571	70	35		
700	27	11.428	11.428	12.000	100	50		

6000K - 350mA		Emax	
∅ 0,53 m	1 m	6.285 lux	
∅ 0,90 m	2 m	1.571 lux	
∅ 1,34 m	3 m	700 lux	

3000K/4000K - 350mA		Emax	
∅ 0,53 m	1 m	5.428 lux	
∅ 0,90 m	2 m	1.357 lux	
∅ 1,34 m	3 m	603 lux	

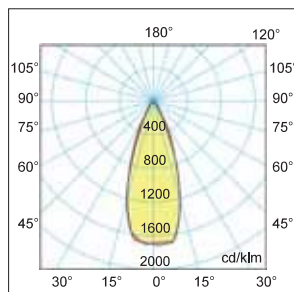
6000K - 500mA		Emax	
∅ 0,53 m	1 m	8.571 lux	
∅ 0,90 m	2 m	2.142 lux	
∅ 1,34 m	3 m	952 lux	

3000K/4000K - 500mA		Emax	
∅ 0,53 m	1 m	8.000 lux	
∅ 0,90 m	2 m	2.000 lux	
∅ 1,34 m	3 m	888 lux	

6000K - 700mA		Emax	
∅ 0,53 m	1 m	12.000 lux	
∅ 0,90 m	2 m	3.000 lux	
∅ 1,34 m	3 m	1.333 lux	

3000K/4000K - 700mA		Emax	
∅ 0,53 m	1 m	11.428 lux	
∅ 0,90 m	2 m	2.857 lux	
∅ 1,34 m	3 m	1.270 lux	

#### Vega 40°



> 50.000 h LED R111		cd - 40°			3,000 h G53		10,000 h G12	
mA	W max	3000K	4000K	6000K	W	W	≈	
350	10	1.634	1.634	1.892	50	-		
500	14	2.408	2.408	2.580	70	35		
700	27	3.440	3.440	3.612	100	50		

6000K - 350mA		Emax	
∅ 0,73 m	1 m	1.892 lux	
∅ 1,46 m	2 m	463 lux	
∅ 2,19 m	3 m	210 lux	

3000K/4000K - 350mA		Emax	
∅ 0,73 m	1 m	1.634 lux	
∅ 1,46 m	2 m	408 lux	
∅ 2,19 m	3 m	151 lux	

6000K - 500mA		Emax	
∅ 0,73 m	1 m	2.580 lux	
∅ 1,46 m	2 m	645 lux	
∅ 2,19 m	3 m	286 lux	

3000K/4000K - 500mA		Emax	
∅ 0,73 m	1 m	2.408 lux	
∅ 1,46 m	2 m	602 lux	
∅ 2,19 m	3 m	267 lux	

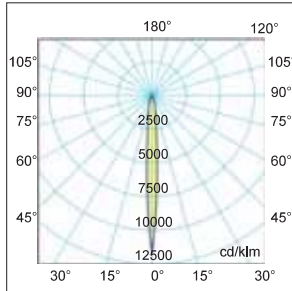
6000K - 700mA		Emax	
∅ 0,73 m	1 m	3.612 lux	
∅ 1,46 m	2 m	903 lux	
∅ 2,19 m	3 m	401 lux	

3000K/4000K - 700mA		Emax	
∅ 0,73 m	1 m	3.440 lux	
∅ 1,46 m	2 m	860 lux	
∅ 2,19 m	3 m	382 lux	

**Dati fotometrici - Photometric data**

**Led CREE XP-L - High Flux**

Vega 15°



> 50.000 h LED R111		cd - 15°			3.000 h		10.000 h	
		3000K	4000K	6000K	W	W		
mA	W max							
350	10	16,087	16,087	17,388	50	-		
500	14	21,883	21,883	23,658	70	35		
700	27	30,755	30,755	33,121	100	50		

**6000K - 350mA** Emax

15°

Ø 0,26 m	1 m	17.388 lux
Ø 0,52 m	2 m	4,347 lux
Ø 0,78 m	3 m	1,932 lux

**3000K/4000K - 350mA** Emax

15°

Ø 0,26 m	1 m	16.087 lux
Ø 0,52 m	2 m	4,022 lux
Ø 0,78 m	3 m	1,787 lux

**6000K - 500mA** Emax

15°

Ø 0,26 m	1 m	23.658 lux
Ø 0,52 m	2 m	5,914 lux
Ø 0,78 m	3 m	2,629 lux

**3000K/4000K - 500mA** Emax

15°

Ø 0,26 m	1 m	21.883 lux
Ø 0,52 m	2 m	5,471 lux
Ø 0,78 m	3 m	2,431 lux

**6000K - 700mA** Emax

15°

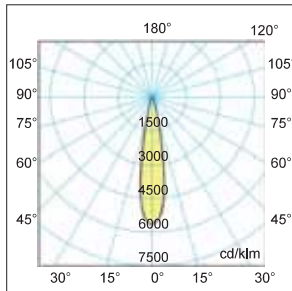
Ø 0,26 m	1 m	33.121 lux
Ø 0,52 m	2 m	8,280 lux
Ø 0,78 m	3 m	3,680 lux

**3000K/4000K - 700mA** Emax

15°

Ø 0,26 m	1 m	30.755 lux
Ø 0,52 m	2 m	7,689 lux
Ø 0,78 m	3 m	3,417 lux

Vega 30°



> 50.000 h LED R111		cd - 30°			3.000 h		10.000 h	
		3000K	4000K	6000K	W	W		
mA	W max							
350	10	7,771	7,771	8,400	50	-		
500	14	10,570	10,570	14,428	70	35		
700	27	14,856	14,856	16,000	100	50		

**6000K - 350mA** Emax

30°

Ø 0,53 m	1 m	8.400 lux
Ø 0,90 m	2 m	2,100 lux
Ø 1,34 m	3 m	930 lux

**3000K/4000K - 350mA** Emax

30°

Ø 0,53 m	1 m	7.771 lux
Ø 0,90 m	2 m	1,943 lux
Ø 1,34 m	3 m	863 lux

**6000K - 500mA** Emax

30°

Ø 0,53 m	1 m	11.428 lux
Ø 0,90 m	2 m	2,857 lux
Ø 1,34 m	3 m	1,270 lux

**3000K/4000K - 500mA** Emax

30°

Ø 0,53 m	1 m	10.570 lux
Ø 0,90 m	2 m	2,642 lux
Ø 1,34 m	3 m	1,174 lux

**6000K - 700mA** Emax

30°

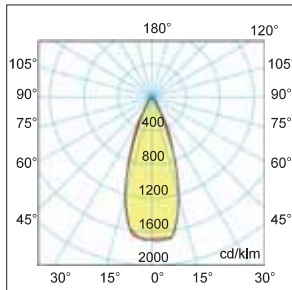
Ø 0,53 m	1 m	16.000 lux
Ø 0,90 m	2 m	4,000 lux
Ø 1,34 m	3 m	1,770 lux

**3000K/4000K - 700mA** Emax

30°

Ø 0,53 m	1 m	14.856 lux
Ø 0,90 m	2 m	3,714 lux
Ø 1,34 m	3 m	1,651 lux

Vega 40°



> 50.000 h LED R111		cd - 40°			3.000 h		10.000 h	
		3000K	4000K	6000K	W	W		
mA	W max							
350	10	2,339	2,339	2,528	50	-		
500	14	3,182	3,182	3,440	70	35		
700	27	4,472	4,472	4,816	100	50		

**6000K - 350mA** Emax

40°

Ø 0,73 m	1 m	2.528 lux
Ø 1,46 m	2 m	632 lux
Ø 2,19 m	3 m	281 lux

**3000K/4000K - 350mA** Emax

40°

Ø 0,73 m	1 m	2.339 lux
Ø 1,46 m	2 m	585 lux
Ø 2,19 m	3 m	260 lux

**6000K - 500mA** Emax

40°

Ø 0,73 m	1 m	3.440 lux
Ø 1,46 m	2 m	860 lux
Ø 2,19 m	3 m	382 lux

**3000K/4000K - 500mA** Emax

40°

Ø 0,73 m	1 m	3.182 lux
Ø 1,46 m	2 m	795 lux
Ø 2,19 m	3 m	353 lux

**6000K - 700mA** Emax

40°

Ø 0,73 m	1 m	4.816 lux
Ø 1,46 m	2 m	1.204 lux
Ø 2,19 m	3 m	535 lux

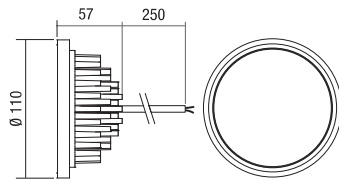
**3000K/4000K - 700mA** Emax

40°

Ø 0,73 m	1 m	4.472 lux
Ø 1,46 m	2 m	1.118 lux
Ø 2,19 m	3 m	497 lux

# Vega 9 Led Opal - Optospot R111

## Vega 9 Led Opal



CDT



A richiesta  
On request  
**CRI >90**

Dimmerabile con alimentatore a corrente costante  
Dimmable with constant current power supply

Cod.	mA			°	K	N° LED	⊖ ⊕	V max	ta °C	lm			h.	Pcs	Euro
R111/OP/W/B	350	500	700	160°	6000	9	OK	38	40	990	1400	1900	50.000	1	50,00
R111/OP/W/BC				160°	3000	9	OK	38	40	860	1300	1800	50.000	1	50,00



Possibile fornire la lampada Vega 9 Led con Kit di emergenza Cod. RP0709 - Batteria a scelta (Vedi Pag. 422)

The LED Vega 9 Led lamp can also be provided with Emergency Kit - Cod. RP0709 - Possibility to choose the battery (See page 422)

### Modulo Led CREE XP-G

L'utilizzo di questa nuova sorgente luminosa con diffusore opalino bianco in ABS permette di illuminare con una luce più omogenea tutta l'area.

Da utilizzarsi con alimentatori elettronici a corrente costante 350mA, 500mA o 700mA.

Particolarmente adatto per installazioni commerciali.

Su richiesta corpo verniciato bianco, nero o oro.

**A richiesta:** alimentatore dimmerabile 0-10V o Dali. Per la scelta dell'alimentatore vedi sezione Led Drivers da Pag. 405.

### CREE XP-G Led module

Using this new lamp with special opal white ABS diffuser it is possible to obtain a more uniform light level on all the enlightened surfaces.

To be used with 350mA, 500mA or 700mA constant current power supply

In particular for commercial installation.

On demand painted body in white, black or gold.

**On demand:** Dimmable power supply 0-10V or Dali. To choose the power supply unit, please see the LED Drivers section from Pag. 405.



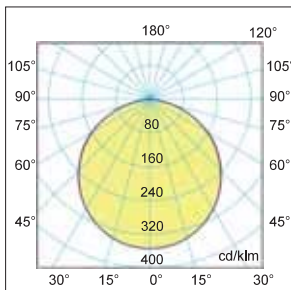
### Su richiesta / Upon request

Verniciato Bianco / White painted (BIR1110P)

Verniciato Nero / Black painted (NER1110P)

Verniciato Oro / Gold painted (GLR1110P)

## Dati fotometrici - Photometric data



⊖ ⊕		cd - 30°			3,000 h G53		10,000 h G12	
mA	W max	3000K	4000K	6000K	W	W	W	W
350	10	305	305	351	50	-	50	-
500	14	462	462	497	70	35	70	35
700	27	639	639	675	100	50	100	50

6000K - 350mA		Emax	
160°			
∅ 3,45 m	1 m	351 lux	
∅ 6,90 m	2 m	88 lux	
∅ 10,34 m	3 m	39 lux	

3000K/4000K - 350mA		Emax	
160°			
∅ 3,45 m	1 m	305 lux	
∅ 6,90 m	2 m	76 lux	
∅ 10,34 m	3 m	34 lux	

6000K - 500mA		Emax	
160°			
∅ 3,45 m	1 m	497 lux	
∅ 6,90 m	2 m	124 lux	
∅ 10,34 m	3 m	52 lux	

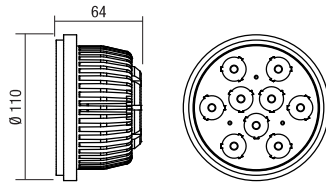
3000K/4000K - 500mA		Emax	
160°			
∅ 3,45 m	1 m	462 lux	
∅ 6,90 m	2 m	116 lux	
∅ 10,34 m	3 m	51 lux	

6000K - 700mA		Emax	
160°			
∅ 3,45 m	1 m	675 lux	
∅ 6,90 m	2 m	169 lux	
∅ 10,34 m	3 m	75 lux	

3000K/4000K - 700mA		Emax	
160°			
∅ 3,45 m	1 m	639 lux	
∅ 6,90 m	2 m	160 lux	
∅ 10,34 m	3 m	71 lux	

# LED Mizar - R111

Mizar



## Led CREE XP-G2

Cod.	W	V dc	◡	K	N° LED	☾	lm	ta °C	⌚	Pcs	Euro
R111Z/W/B/24	24	24	60°	6000	2,6W x 9 Led	NO	2100	40	50.000	1	50,00
R111Z/W/BN/24	24	24	60°	4000	2,6W x 9 Led	NO	2100	40	50.000	1	50,00
R111Z/W/BC/24	24	24	60°	3000	2,6W x 9 Led	NO	2000	40	50.000	1	50,00

## Led CREE XP-L - High Flux

Cod.	W	V dc	◡	K	N° LED	☾	lm	ta °C	⌚	Pcs	Euro
R111Z/W/B	36	24	60°	6000	4W x 9 Led	NO	4300	40	50.000	1	80,00
R111Z/W/BN	36	24	60°	4000	4W x 9 Led	NO	4300	40	50.000	1	80,00
R111Z/W/BC	36	24	60°	3000	4W x 9 Led	NO	4100	40	50.000	1	80,00



### Modulo Led CREE XP-G2 oppure XP-L

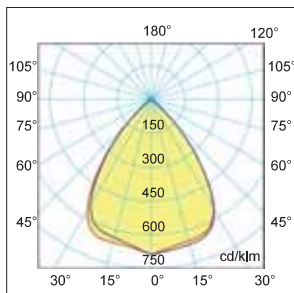
Diametro 111mm analogo lampada alogena AR111 con 9 led di potenza  
Riflettori 60°  
Da utilizzarsi con alimentatori elettronici a tensione costante 24V - 40W con uscita ausiliaria 12Vdc (RN1475)  
**Colore dissipatore:** grigio satinato.  
Raffreddamento dinamico alimentato a 12Vdc - 160mA.

### CREE XP-G2 Led module or XP-L

Diameter 111 mm, similar to AR1111 halogen lamp, with 9 power led  
Reflectors 60°  
To be use with Relco constant voltage power supply units 24V - 40W with auxiliary output 12Vdc (RN1475)  
**Heat sink color:** matt grey.  
Dynamic cooling powered at 12Vd.c. 160mA.

## Dati fotometrici - Photometric data

### Led XP-G2

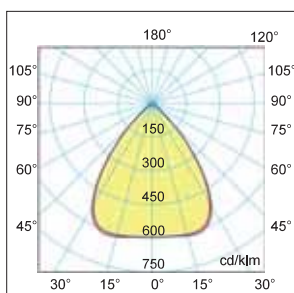


V	W max	cd - 60°			3,000 h G53	10,000 h G12
		3000K	4000K	6000K		
24	24	1,350	1,421	1,421	50	70

4000K/6000K		60°		Emax	
∅ 1,16 m	1 m	1421 lux			
∅ 2,32 m	2 m	355 lux			
∅ 3,47 m	3 m	178 lux			

3000K		60°		Emax	
∅ 1,16 m	1 m	1350 lux			
∅ 2,32 m	2 m	337 lux			
∅ 3,47 m	3 m	168 lux			

### Led XP-L



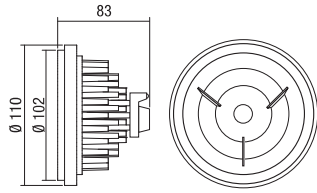
V	W max	cd - 60°			3,000 h G53	10,000 h G12
		3000K	4000K	6000K		
24	36	2,780	2,900	2,900	150	150

4000K/6000K		60°		Emax	
∅ 1,16 m	1 m	2900 lux			
∅ 2,32 m	2 m	705 lux			
∅ 3,47 m	3 m	350 lux			

3000K		60°		Emax	
∅ 1,16 m	1 m	2780 lux			
∅ 2,32 m	2 m	690 lux			
∅ 3,47 m	3 m	330 lux			

# LED Syrma 230V - Optospot R111 MC

Syrma 230V



A richiesta  
On request  
**CRI >90**

**NO DRIVER**

Cod.	W	V ac max	Beam	K	N° LED	OK	V max	lm	mA	cd	ta °C	h.	Pcs	Euro
R111MC230W/B	17	250	45°	6000	1	OK	42	1400	50	2.010	45	50.000	1	60,00
R111MC230W/BC	17	250	45°	3000	1	OK	42	1300	50	2.170	45	50.000	1	60,00
BR111MC230W/B	17	250	45°	6000	1	OK	42	1400	50	2.010	45	50.000	1	60,00
BR111MC230W/BC	17	250	45°	3000	1	OK	42	1300	50	2.170	45	50.000	1	60,00

## Modulo Led ACRICH 2 SEOUL SEMICONDUCTOR

Diametro 111mm con riflettore da 45°, analogo lampada alogena AR111

Da utilizzarsi con collegamento diretto alla tensione di rete 230/240V

**Colore dissipatore:** grigio satinato o bianco.

**Dimmerabile solo con Dimmer Relco serie DIMLED... o LT1UN**

**Collegamento:** tramite morsetti isolata.

## Led Module ACRICH 2 SEOUL SEMICONDUCTOR

Diameter 111mm, with reflector 45°, similar to AR1111 halogen lamp

To be directly connected to line voltage 230/240V

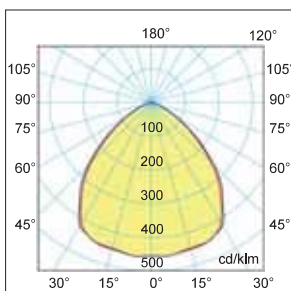
**Heat sink color:** matt grey or White.

**Dimmable with DIMLED.. or LT1UN Relco Dimmers only.**

**Connection:** Through isolated terminal block



## Dati fotometrici - Photometric data



LED R111		cd - 45°		≈		3.000 h G53		10.000 h G12	
V	W max	3000K	6000K	W	W	W	W	W	W
230	17	595	2.900	50	-				

3000K			Emax		
Ø	Beam	lx	Ø	Beam	lx
0,83 m	45°	595 lux	1 m	45°	149 lux
1,67 m	45°	149 lux	2 m	45°	66 lux
3,47 m	45°	66 lux	3 m	45°	-

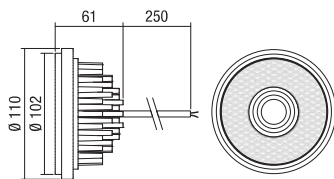
6000K			Emax		
Ø	Beam	lx	Ø	Beam	lx
0,83 m	45°	641 lux	1 m	45°	160 lux
1,67 m	45°	160 lux	2 m	45°	71 lux
3,47 m	45°	71 lux	3 m	45°	-



# LED Meissa - Optospot R111 MC

Meissa

CDT



A richiesta  
On request  
**CRI >90**

Dimmerabile con alimentatore  
a corrente costante  
Dimmable with constant  
current power supply

## Led CREE CXA 1830

Cod.	mA			Beam	K	N° LED	Symbol	V max	ta °C	lm	h.	Pcs	Euro		
R111MC/M/B	350	500	700	25°	6000	1	OK	43	40	1700	2300	3100	50.000	1	50,00
R111MC/M/BC				25°	3000	1	OK	43	40	1450	2050	2700*	50.000	1	50,00
R111MC/W/B				40°	6000	1	OK	43	40	1700	2300	3100	50.000	1	50,00
R111MC/W/BN	350	500	700	40°	4000	1	OK	43	40	1700	2300	3100	50.000	1	50,00
R111MC/W/BC				40°	3000	1	OK	43	40	1450	2050	2700*	50.000	1	50,00
R111MC/60/BC	350	500	700	60°	3000	1	OK	43	40	1450	2050	2700*	50.000	1	50,00

\* Con selezione LED U2 possibilità di arrivare a 3100 Lm - Selecting LED type U2 you can get to 3100 Lumen



Possibile fornire la lampada LED Meissa con Kit di emergenza Cod. RP0709 - Batteria a scelta (Vedi Pag. 422)

The LED Meissa lamp can also be provided with Emergency Kit - Cod. RP0709 - Possibility to choose the battery (See page 422)

### Modulo led CREE CXA 1830

Diametro 111 mm analogo lampada alogena AR111 con 1 led di potenza multichip (MC)

Riflettore da 25°(M), 40°(W) o 60°(60).

Da utilizzarsi con alimentatori elettronici a corrente costante 350/500/700 mA

Connessione con cavo trasparente lunghezza 25 cm.

**Colore dissipatore:** grigio satinato.

**A richiesta:** alimentatore dimmerabile 0-10V o Dali. Per la scelta dell'alimentatore vedi sezione Led Drivers da Pag. 405.

### Led module CREE CXA 1830

Diameter 111 mm, similar to AR1111 halogen lamp, equipped with 1 multichip (MC) power leds

Reflector 25°(M), 40°(W) or 60°(60)

To be used with 350/500/700 mA constant current power supply.

Connection with transparent cable 25 cm long.

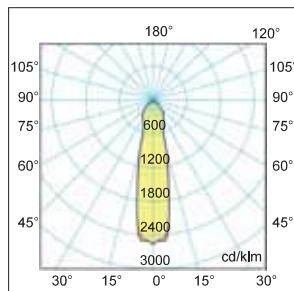
**Heat sink color:** matt grey.

**On demand:** Dimmable power supply 0-10V or Dali.

To choose the power supply unit, please see the LED Drivers section from Pag. 405.

Dati fotometrici - Photometric data

Meissa 25°



> 50.000 h LED R111		cd - 25°			3.000 h		10.000 h	
					W		W	
mA	W max	3000K	4000K	6000K	≈			
350	14	3.726	4.369	4.369		50	-	
500	21	5.268	5.911	5.911		70	35	
700	30	6.939	7.967	7.967		100	50	

4000K/6000K - 350mA		Emax	
25°			
Ø 0,45 m	1 m	4.369 lux	
Ø 0,90 m	2 m	1.092 lux	
Ø 1,34 m	3 m	485 lux	

3000K - 350mA		Emax	
25°			
Ø 0,45 m	1 m	3.726 lux	
Ø 0,90 m	2 m	931 lux	
Ø 1,34 m	3 m	414 lux	

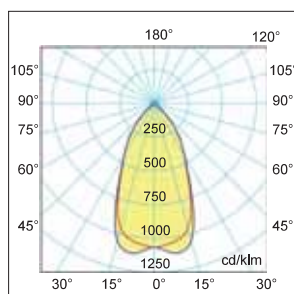
4000K/6000K - 500mA		Emax	
25°			
Ø 0,45 m	1 m	5.911 lux	
Ø 0,90 m	2 m	1.478 lux	
Ø 1,34 m	3 m	657 lux	

3000K - 500mA		Emax	
25°			
Ø 0,45 m	1 m	5.268 lux	
Ø 0,90 m	2 m	1.317 lux	
Ø 1,34 m	3 m	585 lux	

4000K/6000K - 700mA		Emax	
25°			
Ø 0,45 m	1 m	7.967 lux	
Ø 0,90 m	2 m	1.992 lux	
Ø 1,34 m	3 m	885 lux	

3000K - 700mA		Emax	
25°			
Ø 0,45 m	1 m	6.939 lux	
Ø 0,90 m	2 m	1.735 lux	
Ø 1,34 m	3 m	771 lux	

Meissa 40°



> 50.000 h LED R111		cd - 40°			3.000 h		10.000 h	
					W		W	
mA	W max	3000K	4000K	6000K	≈			
350	14	1.625	1.905	1.905		50	-	
500	21	2.298	2.578	2.578		70	35	
700	30	3.026	3.475	3.475		100	50	

4000K/6000K - 350mA		Emax	
40°			
Ø 0,73 m	1 m	1.905 lux	
Ø 1,46 m	2 m	476 lux	
Ø 2,19 m	3 m	212 lux	

3000K - 350mA		Emax	
40°			
Ø 0,73 m	1 m	1.625 lux	
Ø 1,46 m	2 m	406 lux	
Ø 2,19 m	3 m	180 lux	

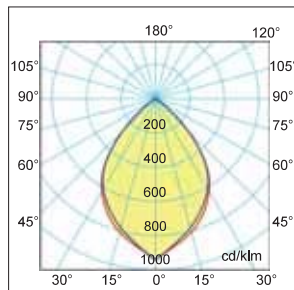
4000K/6000K - 500mA		Emax	
40°			
Ø 0,73 m	1 m	2.578 lux	
Ø 1,46 m	2 m	644 lux	
Ø 2,19 m	3 m	286 lux	

3000K - 500mA		Emax	
40°			
Ø 0,73 m	1 m	2.298 lux	
Ø 1,46 m	2 m	574 lux	
Ø 2,19 m	3 m	255 lux	

4000K/6000K - 700mA		Emax	
40°			
Ø 0,73 m	1 m	3.475 lux	
Ø 1,46 m	2 m	869 lux	
Ø 2,19 m	3 m	386 lux	

3000K - 700mA		Emax	
40°			
Ø 0,73 m	1 m	3.026 lux	
Ø 1,46 m	2 m	754 lux	
Ø 2,19 m	3 m	336 lux	

Meissa 60°



> 50.000 h LED R111		cd - 60°			3.000 h		10.000 h	
					W		W	
mA	W max	3000K	4000K	6000K	≈			
350	14	613	719	719		50	-	
500	21	867	973	973		70	35	
700	30	1.142	1.311	1.311		100	50	

4000K/6000K - 350mA		Emax	
60°			
Ø 1,16 m	1 m	719 lux	
Ø 2,32 m	2 m	180 lux	
Ø 3,47 m	3 m	80 lux	

3000K - 350mA		Emax	
60°			
Ø 1,16 m	1 m	613 lux	
Ø 2,32 m	2 m	153 lux	
Ø 3,47 m	3 m	68 lux	

4000K/6000K - 500mA		Emax	
60°			
Ø 1,16 m	1 m	973 lux	
Ø 2,32 m	2 m	243 lux	
Ø 3,47 m	3 m	108 lux	

3000K - 500mA		Emax	
60°			
Ø 1,16 m	1 m	867 lux	
Ø 2,32 m	2 m	216 lux	
Ø 3,47 m	3 m	96 lux	

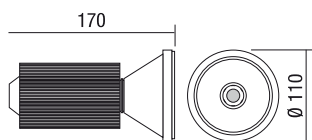
4000K/6000K - 700mA		Emax	
60°			
Ø 1,16 m	1 m	1.311 lux	
Ø 2,32 m	2 m	328 lux	
Ø 3,47 m	3 m	145 lux	

3000K - 700mA		Emax	
60°			
Ø 1,16 m	1 m	1.142 lux	
Ø 2,32 m	2 m	285 lux	
Ø 3,47 m	3 m	127 lux	

# LED Chameleon® - Optospot R111 - TOP

Chameleon

CDT



A richiesta  
On request  
**CRI >90**



Cod.	W max		K	N° LED		mA	lm		Pcs	Euro Cad.
R111CHA/60/BC	25	60° (20°-40°)	3000	1	OK	700	2800	50.000	1	150,00
	40	60° (20°-40°)	3000	1	OK	1000	3700	50.000		
	50	60° (20°-40°)	3000	1	OK	1400	4800	50.000		
	60	60° (20°-40°)	3000	1	OK	1600	5400	50.000		
R111CHA/60/BN	25	60° (20°-40°)	4000	1	OK	700	2800	50.000	1	150,00
	40	60° (20°-40°)	4000	1	OK	1000	3700	50.000		
	50	60° (20°-40°)	4000	1	OK	1400	4800	50.000		
	60	60° (20°-40°)	4000	1	OK	1600	5400	50.000		



Possibile fornire la lampada LED Chameleon con Kit di emergenza Cod. RP0709 - Batteria a scelta (Vedi Pag. 422)

The LED Chameleon lamp can also be provided with Emergency Kit - Cod. RP0709 - Possibility to choose the battery (See page 422)

### Modulo led CREE CXA 3050

Diametro 111 analogo lampada AR111 con un Led di potenza multi chip (MC)

Riflettore da 60° (a richiesta 20 e 40°)

Temperatura di colore 3000K e 4000K (a richiesta 5000K).

Raffreddamento dinamico con pompa a membrana Nuventix®

Da utilizzarsi con alimentatori elettronici multipower a corrente costante (corrente massima 1,8A) a scelta tra dimmerabile (cod. RN9166) e non dimmerabile (cod. RN9165).

Raffreddamento dinamico alimentato a 12Vd.c. 160mA. A disposizione, filtri di correzione cromatica o antiabbagliamento.

**A richiesta:** alimentatore dimmerabile 0-10V o Dali. Per la scelta dell'alimentatore vedi sezione Led Drivers Pag. 405.

### Led module CREE CXA 3050

Diameter 111 diameter like AR111 lamp with a multi chip (MC) power Led

60° reflector (20 and 40° available on request)

With a 3000K and 4000K colour temperature (5000K on request).

Dynamic cooling with Nuventix® diaphragm pump.

To be use with Relco constant electronic power supply units (maximum current 1.8A) choice between dimmable (cod. RN9166) or not dimmable (cod. RN9165).

Dynamic cooling powered at 12Vd.c. 160mA. Colour correction and anti-glare filters available.

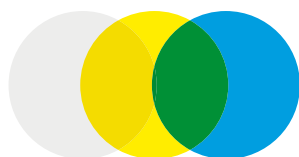
**On demand:** Dimmable power supply 0-10V or Dali.

To choose the power supply unit, please see the LED Drivers section Pag. 405.

### Accessori a richiesta - Accessories upon request



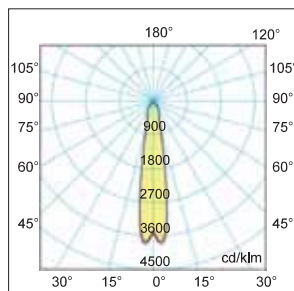
Codice - Code	Descrizione - Description	Euro Cad.
RFT/CH/N	Riflettore 20° - 20° reflector	8,82
RFT/CH/M	Riflettore 40° - 40° reflector	8,82



Codice - Code	Descrizione - Description	Euro Cad.
FLT/CH/AB	Filtro antiabbagliamento - Anti-glare filter	2,62
FLT/CH/B/BN	Filtro correzione 5000K > 4000K - Correction filter 5000K > 4000K	2,62
FLT/CH/B/BC	Filtro correzione 5000K > 3000K - Correction filter 5000K > 3000K	2,62
FLT/CH/B/BCC	Filtro correzione 5000K > 2700K - Correction filter 5000K > 2700K	2,62

Dati fotometrici - Photometric data

Chameleon 20°



 > 30.000 h LED R111		 cd - 20°		≈	 3.000 h G53
mA	W max	3000K	4000K		W
700	25	10.192	10.192	≈	50
1000	40	13.468	13.468		70
1400	50	17.472	17.472		100
1600	60	19.656	19.656		150

3000K - 4000K - 700mA Emax

20°

Ø 0,35 m	1 m	10.192 lux
Ø 0,70 m	2 m	2.548 lux
Ø 1,05 m	3 m	1.132 lux

3000K - 4000K - 1000mA Emax

20°

Ø 0,35 m	1 m	13.468 lux
Ø 0,70 m	2 m	3.367 lux
Ø 1,05 m	3 m	1.496 lux

3000K - 4000K - 1400mA Emax

20°

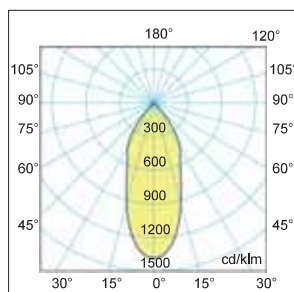
Ø 0,35 m	1 m	17.472 lux
Ø 0,70 m	2 m	4.368 lux
Ø 1,05 m	3 m	1.941 lux

3000K - 4000K - 1600mA Emax

20°

Ø 0,35 m	1 m	19.656 lux
Ø 0,70 m	2 m	4.914 lux
Ø 1,05 m	3 m	2.184 lux

Chameleon 40°



 > 30.000 h LED R111		 cd - 40°		≈	 3.000 h G53
mA	W max	3000K	4000K		W
700	25	3.940	3.940	≈	50
1000	40	5.206	5.206		70
1400	50	6.754	6.754		100
1600	60	7.598	7.598		150

3000K - 4000K - 700mA Emax

40°

Ø 0,73 m	1 m	3.940 lux
Ø 1,46 m	2 m	985 lux
Ø 2,19 m	3 m	438 lux

3000K - 4000K - 1000mA Emax

40°

Ø 0,73 m	1 m	5.206 lux
Ø 1,46 m	2 m	1.301 lux
Ø 2,19 m	3 m	578 lux

3000K - 4000K - 1400mA Emax

40°

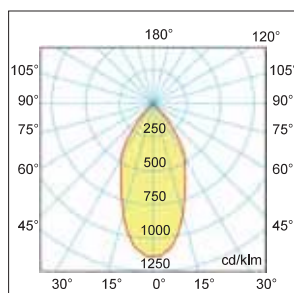
Ø 0,73 m	1 m	6.754 lux
Ø 1,46 m	2 m	1.688 lux
Ø 2,19 m	3 m	750 lux

3000K - 4000K - 1600mA Emax

40°

Ø 0,73 m	1 m	7.598 lux
Ø 1,46 m	2 m	1.900 lux
Ø 2,19 m	3 m	844 lux

Chameleon 60°



 > 30.000 h LED R111		 cd - 60°		≈	 3.000 h G53
mA	W max	3000K	4000K		W
700	25	3.200	3.200	≈	50
1000	40	4.229	4.229		70
1400	50	5.486	5.486		100
1600	60	6.629	6.629		150

3000K - 4000K - 700mA Emax

60°

Ø 1,16 m	1 m	3.200 lux
Ø 3,32 m	2 m	800 lux
Ø 3,47 m	3 m	357 lux

3000K - 4000K - 1000mA Emax

60°

Ø 1,16 m	1 m	4.229 lux
Ø 3,32 m	2 m	1.057 lux
Ø 3,47 m	3 m	471 lux

3000K - 4000K - 1400mA Emax

60°

Ø 1,16 m	1 m	5.486 lux
Ø 3,32 m	2 m	1.371 lux
Ø 3,47 m	3 m	611 lux

3000K - 4000K - 1600mA Emax

60°

Ø 1,16 m	1 m	6.629 lux
Ø 3,32 m	2 m	1.657 lux
Ø 3,47 m	3 m	739 lux

Referenze - *Reference*: Gioielleria Cerrone - Lanciano (Italy)



Incassi - Sistemi tecnici  
Recessed - Technical systems

Technical  
system

Referenze - **Reference:** Chateau D'Ax C.so Francia (TO) - Italy



**FLUSSI LUMINOSI E POTENZA REALE DEGLI APPARECCHI A LED RELCO - LUMINOUS FLUX AND REAL POWER OF RELCO LED FIXTURES**

I flussi luminosi (lumen) degli apparecchi a LED compresi in questo catalogo sono teorici. Come riferimento prendiamo i dati del costruttore del LED. Per avere i lumen e la potenza corretta dovete consultare il nostro sito [www.relcogroup.com](http://www.relcogroup.com) oppure richiedere ai nostri tecnici ([tecnico@relco.it](mailto:tecnico@relco.it)) i valori corretti.

*The luminous flux (lumen) of the LED fittings included in this catalogue are theoretical. As a reference we use the data from the LED producer. To have the correct lumen and wattage consult our website [www.relcogroup.com](http://www.relcogroup.com) or ask our technicians ([tecnico@relco.it](mailto:tecnico@relco.it)) for the correct values.*