

DOTBOX Light Dot 100 COLOR - OPAL lens

Dotbox, the "focal point" of visible implants. Designed for both modern and historic environments, it is a versatile product capable of integrating sockets, switches and can also become a luminous body, thus offering the freedom to express your creativity and tracing new constellations. The DOTBOX system is an aluminum alloy product obtained by die-casting with IP40 grade of protection. Along the perimeter it is possible to make up to eight punctures, with increments of 45°, following the traces of the mask supplied. In the Light Dot configuration the system becomes a ceiling light with the possibility of being integrated into the system or used as a light point.

TECHNICAL SPECIFICATIONS

LDG1000-Color

Ø 100 - H 58

Standard	IEC/EN 602208 IEC/EN 60670-1
Material	Aluminum alloy Opal lens in borosilicate glass
Treatment	Powder coating (protective treatment on request)
Protection grade IP	IP40
Impact resistance	IK08
Isolation class	I
Hole fitting*	Ø 26 to drill for Ø 22 tube
Storage temperature	-50°C - +90°C
Operating temperature	-40°C - +90°C
Bulb fitting	GX53 LED Module



Black



White



Blue



Green



Coral

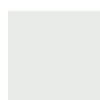


Sand

RAL COLOR



RAL 9005



RAL 9010



RAL 5001



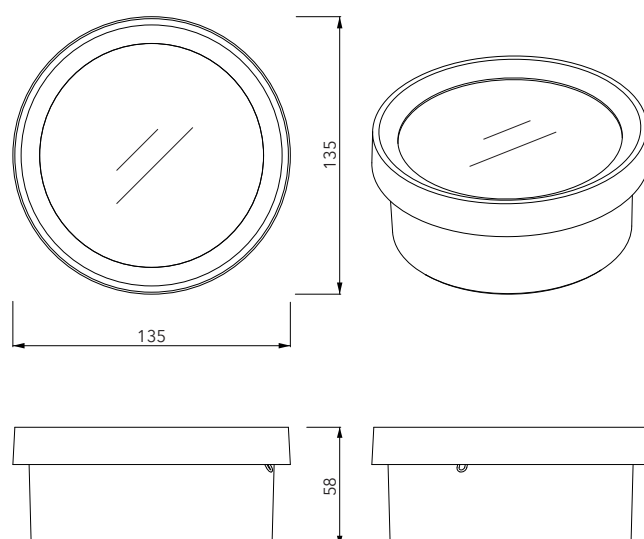
RAL 6016



RAL 2012



RAL 6016



*Quick-action coupling included

DOTBOX Light Dot 100 COLOR - FRESNEL lens

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TECHNICAL SPECIFICATIONS

Standard	IEC/EN 602208 IEC/EN 60670-1
Material	Aluminum alloy, Fresnel lens in borosilicate glass
Treatment	Powder coating (protective treatment on request)
Protection grade IP	IP40
Impact resistance	IK08
Isolation class	I
Hole fitting*	Ø 26 to drill for Ø 22 tube
Storage temperature	-50°C - +90°C
Operating temperature	-40°C - +90°C
Bulb fitting	GX53 LED Module

LDG100F-Color

Ø 100 - H 58



Black



White



Blue



Green



Coral

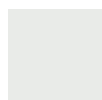


Sand

RAL COLOR



RAL 9005



RAL 9010



RAL 5001



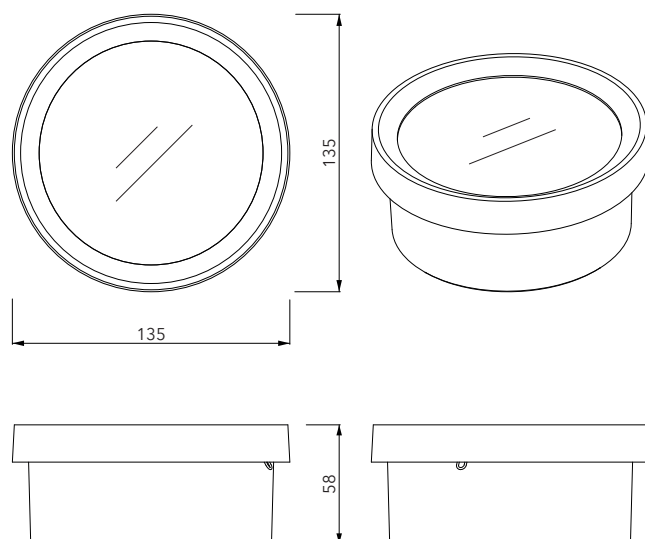
RAL 6016



RAL 2012



RAL 6016



*Quick-action coupling included

LED MODULE Ø46

Constant voltage LED board, 24Vdc
Max power 9W
Max lumen 1348 lm
Dimmable with Dali, Triac, Push, 0-10V, 1-10V technology
Designed for micro push connectors for quick connection of cables. Not self dissipate.

TECHNICAL SPECIFICATIONS

Standard	EN62031 EN62471 IEC TR62778
LED module	With PWM Current Input Input to DC Current
Temperature	2700 K 3000 K
Lumen	1825 lm 1920 lm
Voltage	CV 24V
Printed circuit material	IMS
Printed circuit board	UL
Protection grade	IP20
Dimmerable	With standard power supply with Dali, Triac technology, Push, 0-10V, 1-10V
Beam angle	120°
LED numbers	40
Watt	9
PCB	IMS 1.6 mm
LED Type	OSRAM 2835
RA/CRI	Standard CRI>80
Sep MacAdam (SDCM)	3
R9	CRI 80 ≥ 0
Factor of Safety (FoS)	1
Lumen maintenance factor	@10000h/tc 85°C =0.95 EPREL:@3000h/tc 85°C=0.96
Maximum operating voltage of insulation	60V

RICL4627

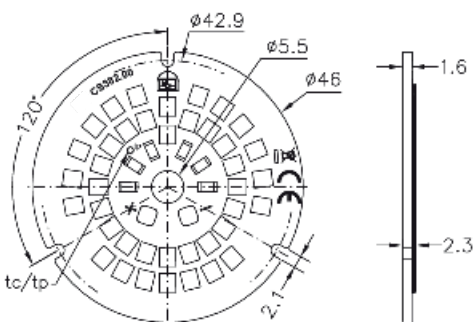
2700K

Dimensions (mm)
Ø 46 - H 2.3 mm
(With micro push)

RICL4630

3000K

Dimensions (mm)
Ø 46 - H 2.3 mm
(With micro push)



Cablaggio / Wiring

Conduttore rigido - Solid conductor
Conduttore flessibile - Flexible conductor
0.25-0.75mm² / AWG24-AWG18



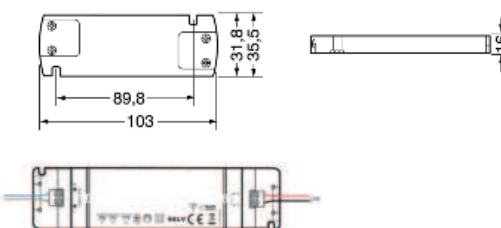
AVAILABLE DRIVERS

AL20

LED 24V - 20W

AL30

LED 24V - 30W



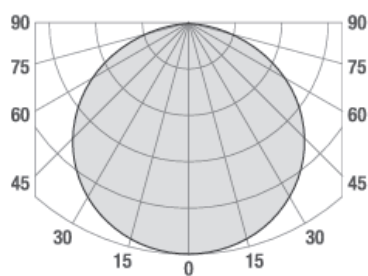
*Module RICL4627 or RICL4630, RICL7027 or RICL7030, integrated depending on the model chosen.

*Illustrative images only.
Please note that Genuit does not assume responsibility in the event that the lamps and/or drivers supplied are not the same as the above figures.

Vdc Input (V)		Power Typ (W)			
24		9			
CCT	Power Typ (W)	Im Typ	Im/W	CRI>80 Energy efficiency	Photometric code
2700K	9	1210	134	A G E	827/359
3000K		1279	142	A G E	830/359

Tolleranza valori / Values tolerances: $\pm 10\%$

Curva tipica di distribuzione della luce *Luminous intensity distribution*



Tensione costante
Constant voltage



Angolo del fascio luminoso
Beam angle



Dimmerabile
Dimmable