DOTBOX Light Dot 100 COPPER - OPAL Lens

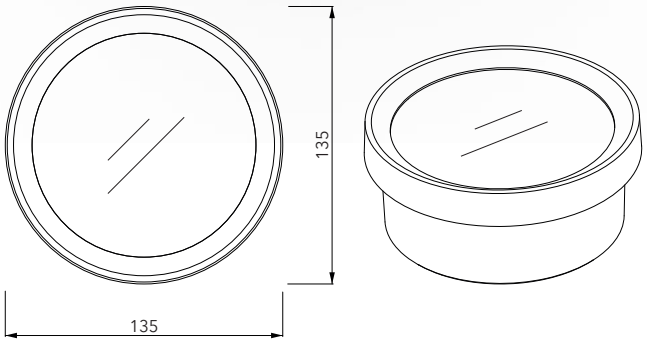
Dotbox, the "focal point" of visible implants. Designed for both modern and historic environments, it is a versatile product capable of integrating sockets, switches and can also become a luminous body, thus offering the freedom to express your creativity and tracing new constellations. The DOTBOX system 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.

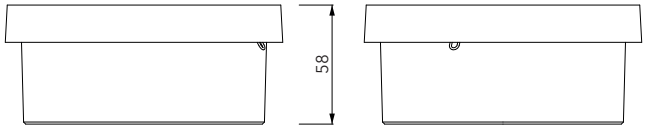
TECHNICAL SPECIFICATIONS

Standard	IEC/EN 602208 IEC/EN 60670-1
Material	Aluminum alloy Opal lens in borosilicate glass
Treatment	Electrolytic deposition of high-thickness copper (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

LDG100O-Copper

Ø 100 - H 58





*Quick-action coupling included

DOTBOX Light Dot 100 COPPER - FRESNEL Lens

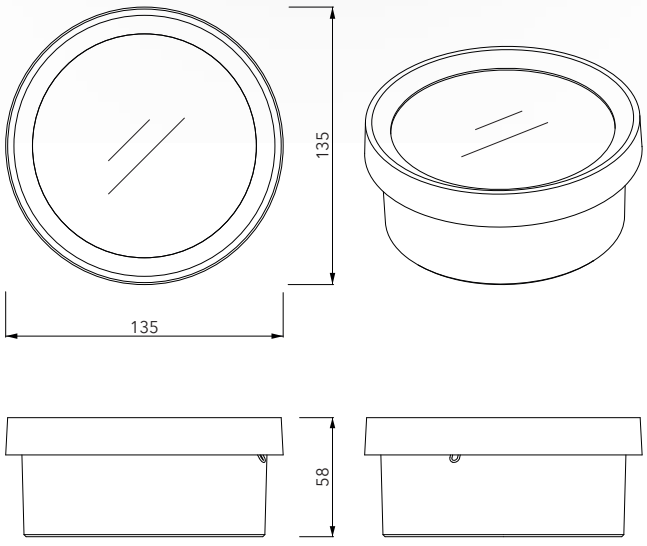
Dotbox, the "focal point" of visible implants. Designed for both modern and historic environments, it is a versatile product capable of integrating sockets, switches and can also become a luminous body, thus offering the freedom to express your creativity and tracing new constellations. The DOTBOX system 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

Standard	IEC/EN 602208 IEC/EN 60670-1
Material	Aluminum alloy, Fresnel lens in borosilicate glass
Treatment	Electrolytic deposition of high-thickness copper (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-Copper

Ø 100 - H 58



*Quick-action coupling included

LED MODULE Ø46

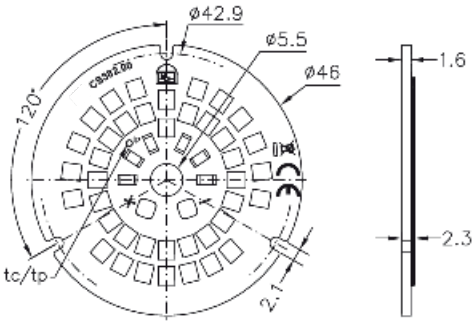
Constant voltage LED board, 24Vdc
Max power 9W
Max lumen 1348 lm
Dimmable with Dali, Triac, Push, 0-10V, 1-10V technology
Designed for micro push connectors for quick connection of cables. Not self dissipate.

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)

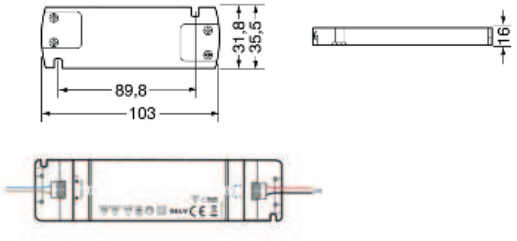


TECHNICAL SPECIFICATIONS

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

AVAILABLE DRIVERS

AL20	*LED 24V - 20W*
AL30	*LED 24V - 30W*



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

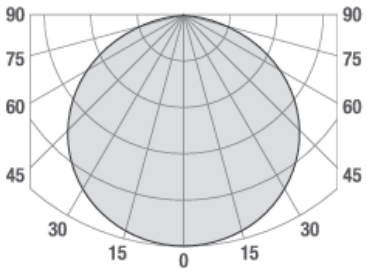
**Illustrative images only.*
Please note that Genuit does not assume responsibility in the event that the lamps and/or drivers supplied are not the same as the above figures.

Vdc Input (V)	Power Typ (W)
24	9

CCT	Power Typ (W)	CRI>80			
		lm Typ	lm/W	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:* ±10%

Curva tipica di distribuzione della luce
Luminous intensity distribution



CV Tensione costante
Constant voltage

120° Angolo del fascio luminoso
Beam angle

Dimmerabile
Dimmable