Made in Italy

20/11/2026 Rev. 13/2024

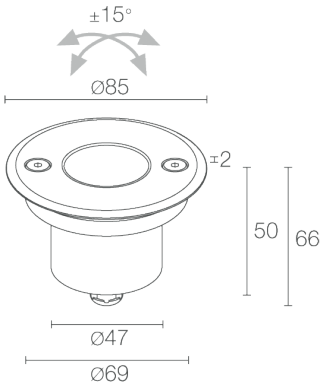
Bright 2.8, code: CB280105LF

Recessed for outdoor applications

kg 2000 - kN 20 kg 0,40 | kg 0,50 IP65 IP68 IP69 IK10

T max 55°C F





DESCRIPTION

recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); drive-over up to 2000 kg; recessed (ceiling, wall, floor); Power consumption: 3,5W; Power supply: 24Vdc; Lumen output at source: 184 lm (3000K, 3.5W); Delivered lumen output: 143 lm (3000K, 20°, 3.5W); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 41° tiltable ±15°; CRI Colour Rendering Index: 80; Body material: body in black-anodized anticorodal aluminium, trim in aluminium; Finishes: grey (RAL 9006); Screen material: screen in tempered, transparent extra-clear glass; Thickness of installation surface: min 0 mm, max 25 mm; power supply unit not included; includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP65, IP68, IP69; Impact resistance: IK10; version with LED colour 2200K and honeycomb louvre available on request; Protection systems: IPS (Intelligent Protection System) protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit; Operating temperature: -20°C — +45°C; Maximum device temperature: 55°C (Ta 25°C); Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: stainless steel trim: 500 g, aluminium trim: 400 g; Dimensions: Ø85x66 mm; Cutout dimensions: Ø70 mm; Volume of thermal heatsink: Ø180x120 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0100 Outer casing, WC0103 Outer casing, WC0150 Outer casing, WE0400S Anti-glare screen, half transparent and half serigraphed black, WG0100 Retaining spring clip for installation on plasterboard Ø70mm; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

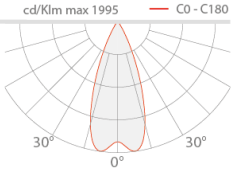
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	3,5W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	1 power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	41° tiltable ±15°
Lumen output at source	184 lm (3000K, 3.5W)
Delivered lumen output	143 lm (3000K, 20°, 3.5W)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø85x66 mm
Weight	stainless steel trim: 500 g, aluminium trim: 400 g
Finishes	grey RAL 9006
Mounting	with fixing springs or outer casing
Body material	body in black-anodized anticorodal aluminium, trim in aluminium
Screen material	screen in transparent, tempered extra-clear glass
Cutout dimensions	Ø70 mm
Volume of thermal heatsink	Ø180x120 mm
GENERAL CHARACTERISTICS	
Ingress protection	IP65, IP68, IP69
Operating temperature	-20°C — +45°C
Impact resistance	IK10
Energy efficiency class	F (light source) in accordance with EU 2019/2015
Glow wire test	960°C
Maximum device temperature	55°C (Ta 25°C)
Appliance class	class III
Walkover	yes
Drive-over	up to 2000 kg
Power cables	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
Protection systems	IPS (Intelligent Protection System)
Photobiological safety	in accordance with IEC TR 62778:2014
Notes	version with LED colour 2200K and honeycomb louvre available on request

PHOTOMETRIC DATA

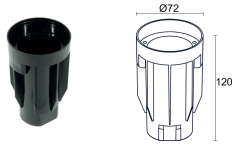
L - 41°

H (m)	∅ (m)	Lux max (3000K) 3.5W	cd/Klm max 1995
1.00	0.75	288	
2.00	1.51	72	
3.00	2.26	32	
4.00	3.01	18	
5.00	3.76	12	

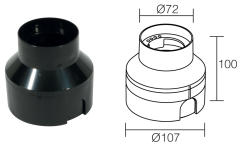


ACCESSORIES

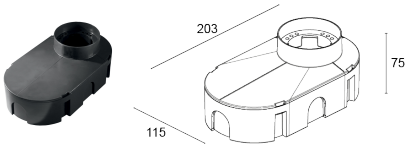
Installation Accessories



WC0100
Outer casing



WC0103
Outer casing

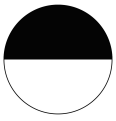


WC0150
Outer casing



WG0100
Retaining spring clip for installation on plasterboard Ø70mm

Optical Accessories



WE0400S
Anti-glare screen, half transparent and half serigraphed black
built into the lighting fixture
Order together with the lighting fixture

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.