Made in Italy

30/10/2026 Rev. 15/2024

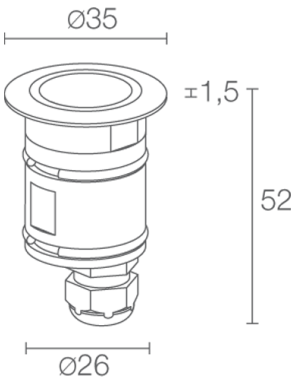
Bright 1.6, code: CB16005DI

Recessed for outdoor applications

on request kg 500 - kN 5 kg 0,20 IP65 IP68 IK10

T max 50°C F





DESCRIPTION

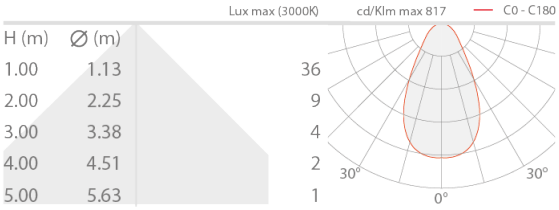
recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); walkover up to 500 kg; recessed (ceiling, wall, floor); Power consumption: 2W; Power supply: 24Vdc; Lumen output at source: 195 lm (3000K); Delivered lumen output: 127 lm (3000K, 21°); 1 power LED, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: diffuse; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; Finishes: die-cast body painted with an initial treatment of a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance of more than 1500 hours of salt spray. Paints compliant with the Qualicoat standard (automotive standard); RAL finish on request; Screen material: screen in tempered, acid-etched glass; Thickness of installation surface: min 5 mm, max 30 mm; power supply unit not included; includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Ingress protection: IP65, IP68; Impact resistance: IK10; 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: 50°C (Ta 25°C); Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: 200 g; Dimensions: Ø35x52 mm; Cutout dimensions: Ø30 mm; Volume of thermal heatsink: Ø80x100 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0202 Outer casing, WG0301 Retaining spring clip for installation on plasterboard Ø30mm; 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	2W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	1 power LED
Average LED life	60 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	2-step MacAdam
Optics	diffuse
Lumen output at source	195 lm (3000K)
Delivered lumen output	127 lm (3000K, 21°)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø35x52 mm
Weight	200 g
Finishes	stainless steel
Mounting	with fixing springs or outer casing
Body material	body and trim in AISI 316L stainless steel
Screen material	screen in tempered, acid-etched glass
Cutout dimensions	Ø30 mm
Volume of thermal heatsink	Ø80x100 mm
GENERAL CHARACTERISTICS	
Ingress protection	IP65, IP68
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	50°C (Ta 25°C)
Appliance class	class III
Drive-over	no
Walkover	up to 500 kg
Power cables	includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm
Protection systems	IPS (Intelligent Protection System)
Photobiological safety	in accordance with IEC TR 62778:2014

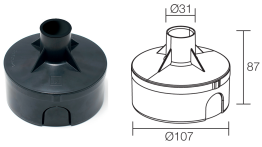
PHOTOMETRIC DATA

D – Diffuse / Diffuso



ACCESSORIES

Installation Accessories



WC0202
Outer casing



WG0301
Retaining spring clip for installation on plasterboard Ø30mm

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