

Made in Italy

- Bright 5.G, code: CB5G01000050SI
Recessed for outdoor applications

26/06/2025 Rev. 12/2024



DESCRIPTION

recessed for outdoor applications; drive-over up to 4000 kg; recessed (ceiling, wall, floor); Power consumption: 16W; Power supply: 24Vdc; Lumen output at source: 1564 lm (3000K, 16W, CRI 80); Delivered lumen output: 1235 lm (3000K, 16W, 55°, CRI 80); 1 high power density COB LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 12° tiltable ±10°: ±10°-tiltable optical system consisting of a high-efficiency TIR lens combined with a high-quality technical filter; CRI Colour Rendering Index: 80; Body material: body made of ANTICORODAL 6082 aluminium alloy, made entirely on a CNC lathe and then electro-coloured black. Trim in AISI 316L stainless steel, made with a CNC lathe; Screen material: 10-mm-thick transparent extra-clear glass, high transmittance to ensure chromatic uniformity of light, serigraphed grey and tempered for excellent resistance to knocks and scratches; Seals: the silicone rubber gaskets guarantee maximum resistance to UV rays and unchanging mechanical characteristics over time; Thickness of installation surface: min 5 mm, max 25 mm; power supply unit not included; includes 1.50 m neoprene cable, H05RN-F 2x0.75/0.75 Ø6.3 mm; Ingress protection: IP65, IP67, IP69; Impact resistance: IK09; the pad-printed graduations on the body enable the light beam to be tilted by ±10°; Casambi control using the Casambi app with dedicated electronics; 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: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 1650 g; Dimensions: Ø148x107 mm; Cutout dimensions: Ø125 mm; Volume of thermal heatsink: Ø260x150 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0601 Outer casing, WC0701 Outer casing, WG0200 Retaining spring clip Ø130mm; 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	16W
Power supply	24Vdc
Power supply unit	power supply unit not included

LIGHTING CHARACTERISTICS

Number and type of LED	1 high power density COB LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	12° tiltable ±10°
Lumen output at source	1564 lm (3000K, 16W, CRI 80)
Delivered lumen output	1235 lm (3000K, 16W, 55°, CRI 80)

MECHANICAL CHARACTERISTICS

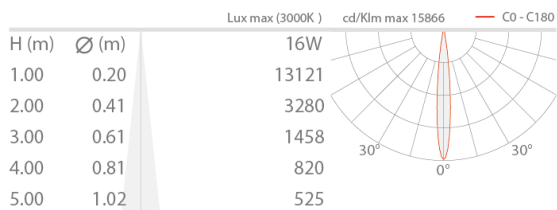
Dimensions	Ø148x107 mm
Weight	1650 g
Mounting	with outer casing
Body material	body in black-anodized anticorrosion aluminium, trim in AISI 316L stainless steel
Screen material	screen in serigraphed-grey and transparent, tempered extra-clear glass
Cutout dimensions	Ø125 mm
Volume of thermal heatsink	Ø260x150 mm

GENERAL CHARACTERISTICS

Ingress protection	IP65, IP67, IP69
Operating temperature	-20°C — +45°C
Impact resistance	IK09
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
Walkover	yes
Drive-over	up to 4000 kg
Power cables	includes 1.50 m neoprene cable, H05RN-F 2x0.75/0.75 Ø6.3 mm
Protection systems	IPS (Intelligent Protection System)
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	the pad-printed graduations on the body enable the light beam to be tilted by ±10°; Casambi control using the Casambi app with dedicated electronics

PHOTOMETRIC DATA

S - 12° CRI 80



ACCESSORIES

Installation Accessories



WC0601
Outer casing



WC0701
Outer casing



WG0200
Retaining spring clip Ø130mm

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