Made in Italy

20/11/2026 Rev. 12/2024

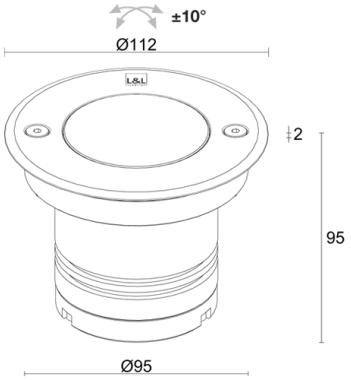
Bright 3.G, code: CB3G00000050MI

Recessed for outdoor applications

kg 5000 - kN 50 kg 0,95 IP65 IP67 IP69 IK10

IPS T max 50°C F





DESCRIPTION

recessed for outdoor applications; drive-over up to 5000 kg; recessed (ceiling, wall, floor); Power consumption: 5W; Power supply: 24Vdc; Lumen output at source: 440 lm (3000K, 5W, CRI 80); Delivered lumen output: 282 lm (3000K, 5W, 35°, CRI 80); 1 power LED High Intensity, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 20° 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 0 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: IK10; the pad-printed graduations on the body enable the light beam to be tilted by ±10°; 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: 950 g; Dimensions: Ø112x95 mm; Cutout dimensions: Ø96 mm; Volume of thermal heatsink: Ø220x150 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC0105 Outer casing, WG0400 Retaining spring clip for installation on plasterboard Ø100mm; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

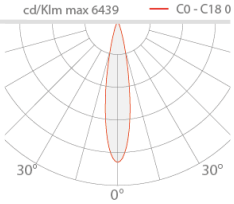
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	5W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	1 power LED High Intensity
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	20° tiltable ±10°
Lumen output at source	440 lm (3000K, 5W, CRI 80)
Delivered lumen output	282 lm (3000K, 5W, 35°, CRI 80)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø112x95 mm
Weight	950 g
Mounting	with outer casing
Body material	body in black-anodized anticorodal aluminium, trim in AISI 316L stainless steel
Screen material	screen in serigraphed-grey and transparent, tempered extra-clear glass
Cutout dimensions	Ø96 mm
Volume of thermal heatsink	Ø220x150 mm
GENERAL CHARACTERISTICS	
Ingress protection	IP65, IP67, 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	50°C (Ta 25°C)
Appliance class	class III
Walkover	yes
Drive-over	up to 5000 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°

PHOTOMETRIC DATA

M - 20° CRI 80

H (m)	∅ (m)	5W
1.00	0.35	1719
2.00	0.69	430
3.00	1.04	191
4.00	1.39	107
5.00	1.73	69



ACCESSORIES

Installation Accessories



WC0105
Outer casing



WG0400
Retaining spring clip for installation on plasterboard Ø100mm

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