







Made in Italy


 **Bright 3.F**, code: CB3F00000190MI
Recessed for outdoor applications














DESCRIPTION

recessed for outdoor applications (not suitable for use in immersion in swimming pools or fountains); drive-over up to 5000 kg; recessed (ceiling, wall, floor); Power consumption: 10W; Power supply: 24Vdc; Lumen output at source: 1115 lm (3000K, 10W, CRI 80); Delivered lumen output: 845 lm (3000K, 55°, 10W, CRI 80); 1 high power density COB LED, 3-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 4000K; Optics: 21°: 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, IP68, IP69; Impact resistance: IK10; 16°x69° optics adjustable through 360° using the magnet provided; 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: 780 g; Dimensions: Ø112x75 mm; Cutout dimensions: Ø96 mm; Volume of thermal heatsink: Ø220x150 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: honeycomb louvre, WC0105 Outer casing, WG0400 Retaining spring clip 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	10W
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 L95 B10 (Ta 25°C)
LED colour	4000K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	21°
Lumen output at source	1115 lm (3000K, 10W, CRI 80)
Delivered lumen output	845 lm (3000K, 55°, 10W, CRI 80)

MECHANICAL CHARACTERISTICS

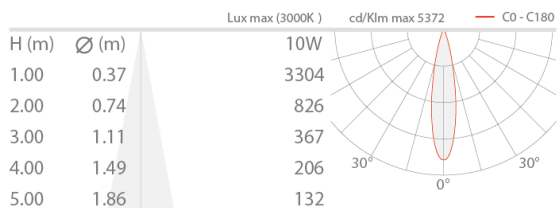
Dimensions	Ø112x75 mm
Weight	780 g
Mounting	with outer casing
Body material	body in black-anodized anticorrosion aluminium, trim in AISI 316L stainless steel
Screen material	screen in serigraphed-grey and transparent, tempered extra-clear glass
Cutout dimensions	Ø96 mm
Volume of thermal heatsink	Ø220x150 mm

GENERAL CHARACTERISTICS

Ingress protection	IP65, IP68, IP69
Operating temperature	-20°C — +45°C
Impact resistance	IK10
Features	16°x69° optics adjustable through 360° using the magnet provided
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	Casambi control using the Casambi app with dedicated electronics

PHOTOMETRIC DATA

M - 21° CRI 80



ACCESSORIES

Installation Accessories



WC0105
Outer casing



WG0400
Retaining spring clip Ø100mm

Anti-glare



honeycomb louvre

built into the lighting fixture

The honeycomb louvre can be fitted on all fixed optics except for the sharp, diffuse and elliptical optics

Add the optical accessory in the code generator

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