

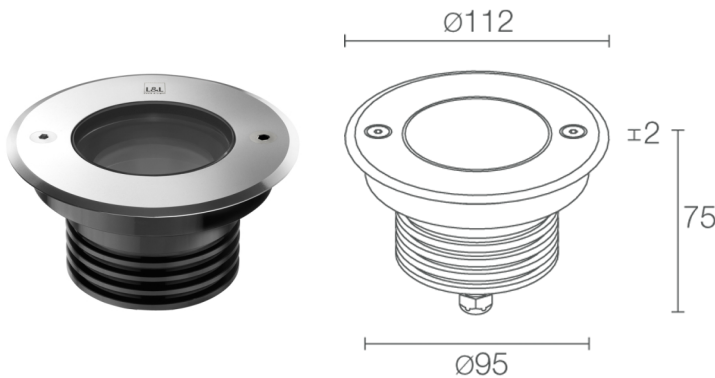


Made in Italy

 **Bright 3.F**, code: CB3F000010F0MI  
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: 2700K; 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°; 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: anti-glare screen, 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	2700K
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

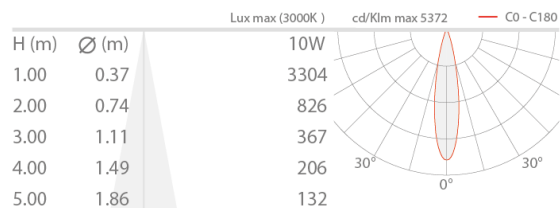
Dimensions	Ø112x75 mm
Weight	780 g
Mounting	with outer casing
Body material	body in black-anodized anticorrosional aluminium, trim in AISI 316L stainless steel
Screen material	screen in serigraphed-grey and transparent, tempered extra-clear glass
Cutout dimensions	Ø96 mm
Volume of thermal heatsink	Ø220x150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

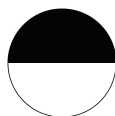
### Installation Accessories



WC0105  
Outer casing

WG0400  
Retaining spring clip Ø100mm

### Optical Accessories



#### anti-glare screen

half transparent and half serigraphed black  
Can be fitted on all optics except for diffuse optics  
Add the optical accessory in the code generator

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