













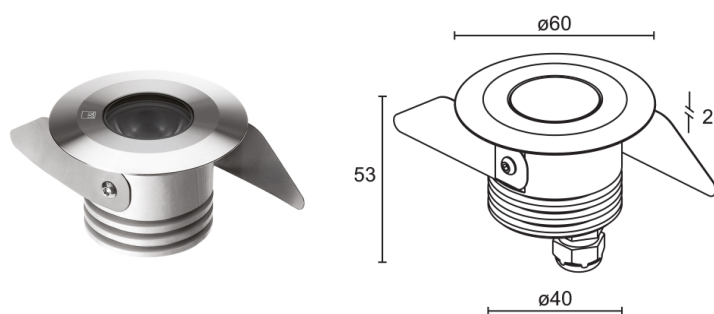


Made in Italy

 **Beam 1.0, code: CD1013FSAI**  
Recessed for outdoor applications

31/08/2025 Rev. 15/2024





 on request
 

 kg 500 - kN 5
  kg 0,28
  Ø45 mm
 IP65 IP67  
 IK08   T max 50°C 



## DESCRIPTION

recessed for outdoor applications; walkover up to 500 kg; recessed (ceiling, wall, floor); Power consumption: max 3W; Power supply: max 700mA; Lumen output at source: 184 lm (3000K, 700mA); Delivered lumen output: 114 lm (3000K, 700mA, 26°); 1 power LED, 1/4 ANSI BIN, 50 000h L80 B10 (Ta 25°C); LED colour: 2700K; Optics: 8°; CRI Colour Rendering Index: 80; Body material: body in anodized aluminium, trim in AISI 316L stainless steel; Finishes: stainless steel; RAL finish on request; Screen material: screen in transparent extra-clear glass; Thickness of installation surface: min 5 mm, max 30 mm; power supply unit not included; Wiring: series; includes 1.50 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Control system: dimming via dimmable driver; Ingress protection: IP65, IP67; Impact resistance: IK08; version with 24Vdc power supply available on request; 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: 280 g; Dimensions: Ø60x53 mm; Cutout dimensions: Ø45 mm; Volume of thermal heatsink: Ø80x100 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC1501 Outer casing; 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	max 3W
Power supply	max 700mA
Power supply unit	power supply unit not included
Control system	dimming via dimmable driver
Wiring	series

## LIGHTING CHARACTERISTICS

Number and type of LED	1 power LED
Average LED life	50 000h L80 B10 (Ta 25°C)
LED colour	2700K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	8°
Lumen output at source	184 lm (3000K, 700mA)
Delivered lumen output	114 lm (3000K, 700mA, 26°)

## MECHANICAL CHARACTERISTICS

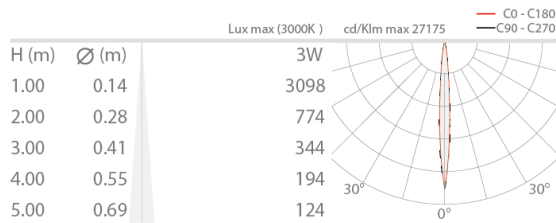
Dimensions	Ø60x53 mm
Weight	280 g
Finishes	stainless steel
Mounting	with fixing springs or outer casing
Body material	body in anodized aluminium, trim in AISI 316L stainless steel
Screen material	screen in transparent extra-clear glass
Cutout dimensions	Ø45 mm
Volume of thermal heatsink	Ø80x100 mm

## GENERAL CHARACTERISTICS

Ingress protection	IP65, IP67
Operating temperature	-20°C — +45°C
Impact resistance	IK08
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 1.50 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm
Protection systems	IPS (Intelligent Protection System)
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	version with 24Vdc power supply available on request; Casambi control using the Casambi app with dedicated electronics

PHOTOMETRIC DATA

S - 8°



ACCESSORIES

Installation Accessories



WC1501  
Outer casing

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