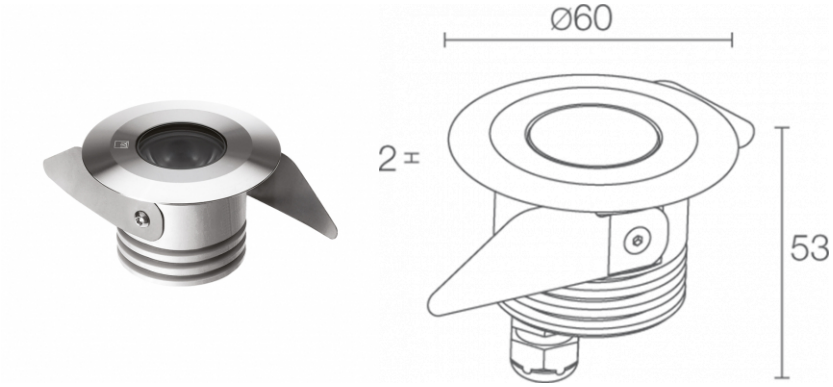
Made in Italy

05/10/2021 Rev. 23

Beam 1.0, code: CD1013FSAI

Recessed for outdoor applications

on request kg 0,28 IP67 IK08 T max 50°C A A+ A++



DESCRIPTION

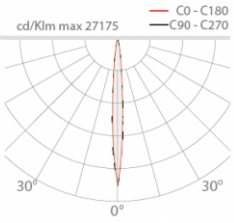
recessed for outdoor applications; walkover; recessed (ceiling, wall, floor); Power consumption: max 3W; Power supply: max 700mA; Lumen output at source: 184 lm (3000K, 700mA); Delivered lumen output: 114 lm (3000K, 700mA, 26°); 1 power LED, 1/4 ANSI BIN, 50 000h L80 B10 (Ta 25°C); LED colour: 2700K; 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 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Control system: dimming via dimmable driver; Ingress protection: IP67; Impact resistance: IK08; version with 24Vdc power supply available on request; 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: 280 g; Dimensions: Ø60x53 mm; Cutout dimensions: Ø45 mm; Volume of thermal heatsink: Ø80x100 mm; Energy efficiency class: A / A+ / A++ (integrated LED module) in accordance with UE 874/2012; Accessories: WC1501 Outer casing; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

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	IP67
Operating temperature	-20°C — +45°C
Impact resistance	IK08
Energy efficiency class	A / A+ / A++ (integrated LED module) in accordance with UE 874/2012
Glow wire test	960°
Maximum device temperature	50°C (Ta 25°C)
Appliance class	class III
Walkover	yes
Drive-over	no
Power cables	includes 1.5 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

PHOTOMETRIC DATA

S - 8°

H (m)	∅ (m)	Lux max (3000K) 3W	cd/Klm max 27175
1.00	0.14	3098	
2.00	0.28	774	
3.00	0.41	344	
4.00	0.55	194	
5.00	0.69	124	



ACCESSORIES

Installation Accessories

WC1501
Outer casing

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