Made in Italy

16/11/2026 Rev. 09/2024

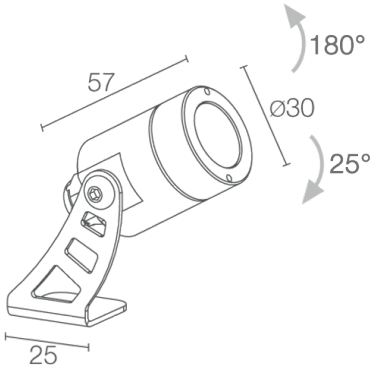
Spot 1.0, code: CF1012FMAI

Projectors for outdoor applications

on request kg 0,40 IP68 IK10

180°
25°





DESCRIPTION

projector for outdoor applications (not suitable for use in immersion in swimming pools or fountains); surface mounted (ceiling, wall, ground, spike, strap); Power consumption: max 2W; Power supply: max 500mA; Lumen output at source: 145 lm (3000K, 500mA); Delivered lumen output: 88 lm (3000K, 500mA, 20°); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 2700K; Optics: 20°; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; RAL finish on request; Screen material: screen in tempered, transparent glass; 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: IP68; Impact resistance: IK10; version with elliptical optics 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; Glow wire test: 960°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 400 g; Dimensions: Ø30x57mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WB0320I Standard snoot - stainless steel, WB0321I Asymmetrical snoot - stainless steel, WH0101 Honeycomb louvre, WP0100 Spike for in-ground installation, WP1004 Fastener strap - 5 m; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

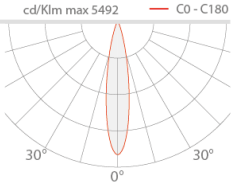
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	max 2W
Power supply	max 500mA
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 L90 B10 (Ta 25°C)
LED colour	2700K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	20°
Lumen output at source	145 lm (3000K, 500mA)
Delivered lumen output	88 lm (3000K, 500mA, 20°)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø30x57mm
Weight	400 g
Mounting	with bracket and screws
Body material	body and trim in AISI 316L stainless steel
Screen material	screen in transparent, tempered glass
GENERAL CHARACTERISTICS	
Ingress protection	IP68
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
Appliance class	class III
Walkover	no
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 elliptical optics available on request

PHOTOMETRIC DATA

M - 20°

H (m)	∅ (m)	Lux max (3000K) 2W
1.00	0.34	483
2.00	0.69	121
3.00	1.03	54
4.00	1.38	30
5.00	1.72	19



ACCESSORIES

Installation Accessories





WP0100
Spike for in-ground installation

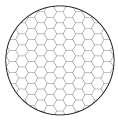
Anti-glare



WB0320I
Standard snoot - stainless steel



WB0321I
Asymmetrical snoot - stainless steel



WH0101
Honeycomb louvre
built into the lighting fixture
The honeycomb louvre can be fitted on all fixed optics, except for sharp optics
Order together with the lighting fixture

Other



WP1004
Fastener strap - 5 m

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