Made in Italy

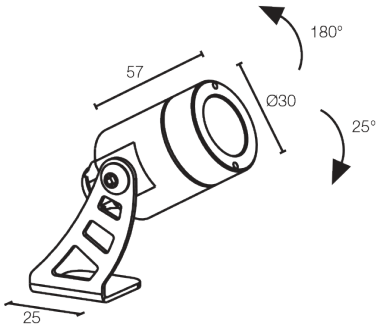
14/11/2026 Rev. 10/2024

Spot 1.6 316L, code: PW1600FLI

Projectors for outdoor and underwater applications

kg 0,48 IP68 IK10





DESCRIPTION

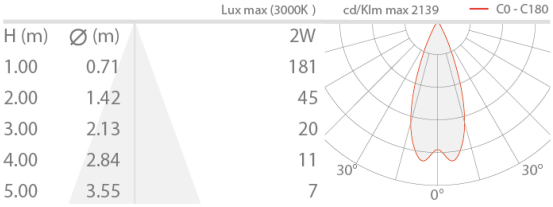
projector for outdoor and underwater applications; surface mounted (ceiling, wall, ground, spike), max depth 10 m; Power consumption: 2W; Power supply: 24Vdc; Lumen output at source: 145 lm (3000K); Delivered lumen output: 88 lm (3000K, 20°); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 2700K; Optics: 40°; CRI Colour Rendering Index: 80; Body material: body and trim in AISI 316L stainless steel; Screen material: screen in tempered, transparent glass; power supply unit not included; includes 5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm; 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 (installation outdoors), 0°C — +45°C (installation underwater); Glow wire test: 960°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 480 g; Dimensions: Ø30x57mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WP0100 Spike for in-ground installation; 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	2W
Power supply	24Vdc
Power supply unit	power supply unit not included
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	40°
Lumen output at source	145 lm (3000K)
Delivered lumen output	88 lm (3000K, 20°)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø30x57mm
Weight	480 g
Mounting	with bracket, screws and plugs
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 (installation outdoors), 0°C — +45°C (installation underwater)
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 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

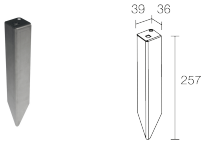
PHOTOMETRIC DATA

L - 40°



ACCESSORIES

Installation Accessories



WP0100
Spike for in-ground installation

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