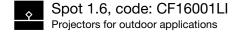
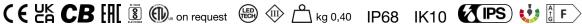




Made in Italy















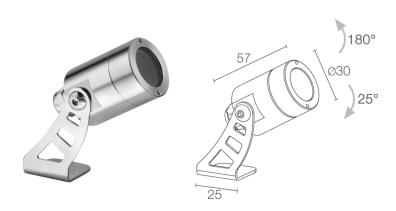












DESCRIPTION

projector for outdoor applications (not suitable for use in immersion in swimming pools or fountains); surface mounted (ceiling, wall, ground, spike, strap); Power consumption: 2W; Power supply: 24Vdc; Lumen output at source: 145 lm (3000K); Delivered lumen output: 88 lm (3000K, 20°); 1 power LED, 50 000h L90 B10 (Ta 25°C); LED colour: blue; Optics: 40°; 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; includes 1.5 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; 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; 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

DATASHEET TECHNICAL DATA



Power consumption 2W		
Power supply unit 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 blue Optics 40° Lumen output at source 145 Im (3000K) Delivered lumen output 88 Im (3000K, 20°) MECHANICAL CHARACTERISTICS Dimensions 030x57mm Weight 400 g Mounting with bracket and screws Body material body and trim in AISI 316L stainless steel screen material screen material 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 06,3 mm Protection systems IPS (Intelligent Protection System) Protoction seversion with elliptical optics available on request; Casambi control	ELECTRICAL CHARACTERISTICS	
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 blue Optics 40° Lumen output at source 145 Im (3000K) Delivered lumen output 88 Im (3000K, 20°) MECHANICAL CHARACTERISTICS Dimensions 030x57mm Weight 400 g Mounting with bracket and screws Body material body and trim in AISI 316L stainless steel screen material screen material screen in transparent, tempered glass GENERAL CHARACTERISTICS Ingress protection IP68 Operating temperature IK10 Energy efficiency class F (light source) in accordance with EU 2019/2015 Glow wire test 960°C Appliance class Ili Walkover no Drive-over no Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 06,3 mm Protection systems IPS (Intelligent Protection System) Photobiological safety, risk group 1 according to EN 62471:2006 Notes version with elliptical optics available on request; Casambi control	Power consumption	2W
LIGHTING CHARACTERISTICS Number and type of LED 1 power LED Average LED life 50 000h L90 B10 (Ta 25°C) LED colour blue Optics 40° Lumen output at source 145 Im (3000K) Delivered lumen output 88 Im (3000K, 20°) MECHANICAL CHARACTERISTICS Dimensions 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 06,3 mm Protection systems IPS (Intelligent Protection System) Photobiological safety	Power supply	24Vdc
Number and type of LED 1 power LED Average LED life 50 000h L90 B10 (Ta 25°C) LED colour blue Optics 40° Lumen output at source 145 Im (3000K) Delivered lumen output 88 Im (3000K, 20°) MECHANICAL CHARACTERISTICS Weight 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 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 II Walkover no Prive-over no Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 06,3 mm Protection systems IPS (Intelligent Protection System) Photobiological	Power supply unit	power supply unit not included
Average LED life 50 000h L90 B10 (Ta 25°C) LED colour blue Optics 40° Lumen output at source 145 Im (3000K) Delivered lumen output 88 Im (3000K, 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 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 Prive-over no Power cables includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 06,3 mm Protection systems IPS (intelligent Protection System) Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006	LIGHTING CHARACTERISTICS	
LED colour blue Optics 40° Lumen output at source 145 Im (3000K) 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; Casambi control	Number and type of LED	1 power LED
Optics 40° Lumen output at source 145 Im (3000K) Delivered lumen output 88 Im (3000K, 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 IP68 Ingress protection IP68 Operating temperature -20°C - +45°C Inpact 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; Casambi control	Average LED life	50 000h L90 B10 (Ta 25°C)
Lumen output at source 145 Im (3000K) Delivered lumen output 88 Im (3000K, 20°) MECHANICAL CHARACTERISTICS Dimensions 030x57mm 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 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; Casambi control	LED colour	blue
Delivered lumen output 88 Im (3000K, 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; Casambi control	Optics	40°
MECHANICAL CHARACTERISTICSDimensionsØ30x57mmWeight400 gMountingwith bracket and screwsBody materialbody and trim in AISI 316L stainless steelScreen materialscreen in transparent, tempered glassGENERAL CHARACTERISTICSIngress protectionIP68Operating temperature-20°C - +45°CImpact resistanceIK10Energy efficiency classF (light source) in accordance with EU 2019/2015Glow wire test960°CAppliance classclass IIIWalkovernoDrive-overnoPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006Notesversion with elliptical optics available on request; Casambi control	Lumen output at source	145 lm (3000K)
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: risk group 1 according to EN 62471:2006 Notes version with elliptical optics available on request; Casambi control	Delivered lumen output	88 lm (3000K, 20°)
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; Casambi control	MECHANICAL CHARACTERISTICS	
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 Notes version with elliptical optics available on request; Casambi control	Dimensions	Ø30x57mm
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 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	Weight	400 g
Screen material 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 Protection systems IPS (Intelligent Protection System) Photobiological safety Notes version with elliptical optics available on request; Casambi control	Mounting	with bracket and screws
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 Protection systems Photobiological safety Notes version with elliptical optics available on request; Casambi control	Body material	body and trim in AISI 316L stainless steel
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 Notes version with elliptical optics available on request; Casambi control	Screen material	screen in transparent, tempered glass
Operating temperature Impact resistance Ikt 10	GENERAL CHARACTERISTICS	
Impact resistance 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 Notes version with elliptical optics available on request; Casambi control	Ingress protection	IP68
Energy efficiency class Glow wire test Appliance class Walkover Drive-over Power cables Protection systems Photobiological safety Notes F (light source) in accordance with EU 2019/2015 F	Operating temperature	-20°C — +45°C
Glow wire test 960°C Appliance class 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 Notes version with elliptical optics available on request; Casambi control	Impact resistance	IK10
Appliance class Valkover no Drive-over no Power cables Protection systems IPS (Intelligent Protection System) Photobiological safety Notes request; Casambi control	Energy efficiency class	F (light source) in accordance with EU 2019/2015
WalkovernoDrive-overnoPower cablesincludes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mmProtection systemsIPS (Intelligent Protection System)Photobiological safetyphotobiological safety: risk group 1 according to EN 62471:2006Notesversion with elliptical optics available on request; Casambi control	Glow wire test	960°C
Drive-over no no 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; Casambi control	Appliance class	class III
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 risk group 1 according to EN 62471:2006 Notes version with elliptical optics available on request; Casambi control	Walkover	no
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; Casambi control	Drive-over	no
Photobiological safety photobiological safety: risk group 1 according to EN 62471:2006 Notes version with elliptical optics available on request; Casambi control	Power cables	includes 1.5 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm
Notes version with elliptical optics available on request; Casambi control	Protection systems	IPS (Intelligent Protection System)
• • •	Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
	Notes	·

SPOT 1.6, CODE: CF16001LI

PHOTOMETRIC DATA AND ACCESSORIES



PHOTOMETRIC DATA

L - 40°

		Lux max (3000K)	cd/Klm max 2139	— C0 - C180
H (m)	Ø (m)	2W	1+3/	H
1.00	0.71	181		XXX.
2.00	1.42	45	XX	
3.00	2.13	20	\wedge	
4.00	2.84	11	30°	30°
5.00	3.55	7	0°	

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



DATASHEET SPOT 1.6, CODE: CF16001LI

PHOTOMETRIC DATA AND ACCESSORIES



WP1004

Fastener strap - 5 m

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