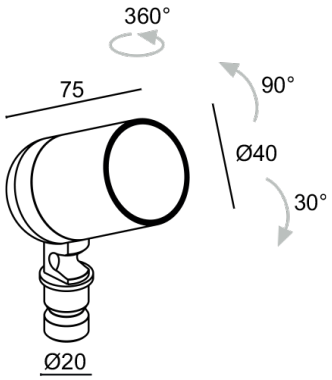
Made in Italy

Pivot 1.9, code: CP1900100190SH

Bollards for outdoor applications

kg 0,24 IP66 IK07





DESCRIPTION

bollard for outdoor applications; surface mounted (spike); Power consumption: 7W; Power supply: 24Vdc; Lumen output at source: 608 lm (3000K, 7W, CRI >90); Delivered lumen output: 374 lm (3000K, 34°, 7W, CRI >90); 1 high-intensity power LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 4000K; Optics: 17°; CRI Colour Rendering Index: >90; Body material: body made of ANTICORODAL EN AW 6082 low-copper-content aluminium alloy for excellent resistance to corrosion, made entirely on a CNC lathe; Finishes: anthracite finish obtained through an initial treatment with a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance of more than 1000 hours of salt spray; RAL finish on request; Screen material: 4-mm-thick transparent extra-clear glass with vitrified serigraphy, high transmittance to ensure chromatic uniformity of light and tempered for excellent resistance to knocks and scratches; Seals: the silicone rubber gaskets guarantee maximum resistance to UV rays and unchanging mechanical characteristics over time; Installation: Two installation options: spike with single lighting fixture, or spike with additional arm for a second lighting fixture. The pivot at the base of the lighting fixture enables great flexibility in aiming the light output.; power supply unit not included; includes 1.50 m neoprene cable, H05RN-F 2x0,35/0,75 Ø6,3 mm; Ingress protection: IP66; Impact resistance: IK07; 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: 240 g; Dimensions: Ø40x70 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: honeycomb louvre, WB0310H Standard snoot - anthracite, WB0311H Asymmetrical snoot - anthracite, WPA00H Spike for in-ground installation - h 500 mm - anthracite, WPA01H Spike for in-ground installation - h 800 mm - anthracite, WPA02H Spike for in-ground installation - h 1100 mm - anthracite, WPA03H Dual-fixture spike for in-ground installation - h 500 mm - anthracite, WPA04H Dual-fixture spike for in-ground installation - h 800 mm - anthracite, WPA11H Dual-fixture spike for in-ground installation - h 1100 mm - anthracite; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

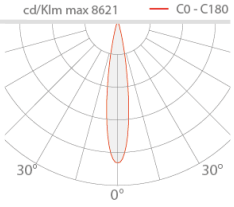
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	7W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	1 high-intensity power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	4000K
CRI Colour Rendering Index	>90
Binning	3-step MacAdam
Optics	17°
Lumen output at source	608 lm (3000K, 7W, CRI >90)
Delivered lumen output	374 lm (3000K, 34°, 7W, CRI >90)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø40x70 mm
Weight	240 g
Finishes	anthracite
Body material	body in anticorodal aluminium
Screen material	screen in serigraphed, transparent, tempered extra-clear glass
GENERAL CHARACTERISTICS	
Ingress protection	IP66
Operating temperature	-20°C — +45°C
Impact resistance	IK07
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 1.50 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

PHOTOMETRIC DATA

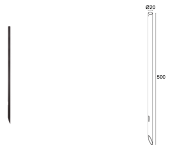
S - 17° CRI 80

H (m)	∅ (m)	Lux max (3000K) 7W	cd/Klm max 8621
1.00	0.30	3845	
2.00	0.61	961	
3.00	0.91	427	
4.00	1.21	240	
5.00	1.52	154	

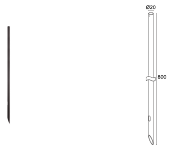


ACCESSORIES

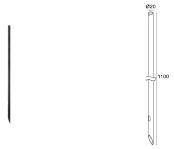
Installation Accessories



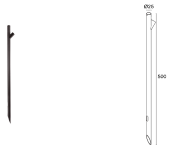
WPA00H
Spike for in-ground installation - h 500 mm - anthracite
Order together with the lighting fixture
Required installation accessories, not included



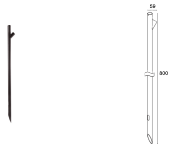
WPA01H
Spike for in-ground installation - h 800 mm - anthracite
Order together with the lighting fixture
Required installation accessories, not included



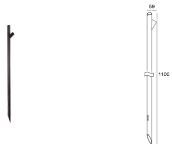
WPA02H
Spike for in-ground installation - h 1100 mm - anthracite
Order together with the lighting fixture
Required installation accessories, not included



WPA03H
Dual-fixture spike for in-ground installation - h 500 mm - anthracite
Order together with two lighting fixtures
Required installation accessories, not included

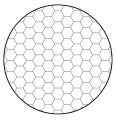


WPA04H
Dual-fixture spike for in-ground installation - h 800 mm - anthracite
Order together with two lighting fixtures
Required installation accessories, not included



WPA11H
Dual-fixture spike for in-ground installation - h 1100 mm - anthracite
Order together with two lighting fixtures
Required installation accessories, not included

Anti-glare



honeycomb louvre

built into the lighting fixture
Add the optical accessory in the code generator



WB0310H
Standard snoot - anthracite



WB0311H
Asymmetrical snoot - anthracite

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