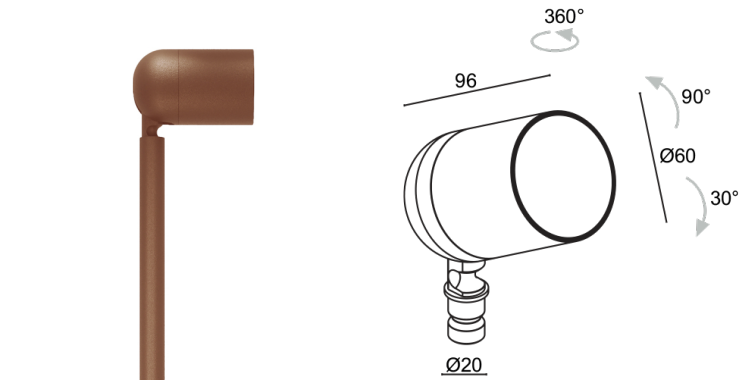
Made in Italy

Pivot 2.9, code: CP290110005R3T

Bollards for outdoor applications

kg 0,56 IP66 IK08



DESCRIPTION

bollard for outdoor applications; surface mounted (spike); Power consumption: 14W; Power supply: 24Vdc; Lumen output at source: 1173 lm (3000K, 14W, CRI >90); Delivered lumen output: 862 lm (3000K, 25°, 14W, CRI >90); 1 COB LED, 3-step MacAdam, 50 000h L95 B10 (Ta 25°C); LED colour: 3000K; Optics: optical range 15°—43°; 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: cor-ten 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: 3-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 NBR nitrile rubber O-rings ensure the fixture's IP rating is preserved, guaranteeing continued protection; 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: IK08; 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: 560 g; Dimensions: Ø60x96 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WB1001T Standard snoot - cor-ten, WB1002T Asymmetrical snoot - cor-ten, WB1003N Barn doors - black, WPA00T Spike for in-ground installation - h 500 mm - cor-ten, WPA01T Spike for in-ground installation - h 800 mm - cor-ten, WPA02T Spike for in-ground installation - h 1100 mm - cor-ten, WPA03T Dual-fixture spike for in-ground installation - h 500 mm - cor-ten, WPA04T Dual-fixture spike for in-ground installation - h 800 mm - cor-ten, WPA11T Dual-fixture spike for in-ground installation - h 1100 mm - cor-ten; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

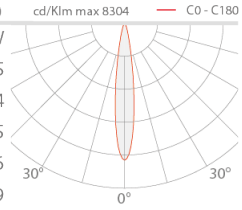
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	14W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	1 COB LED
Average LED life	50 000h L95 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	>90
Binning	3-step MacAdam
Optics	optical range 15°—43°
Lumen output at source	1173 lm (3000K, 14W, CRI >90)
Delivered lumen output	862 lm (3000K, 25°, 14W, CRI >90)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø60x96 mm
Weight	560 g
Finishes	cor-ten
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	IK08
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

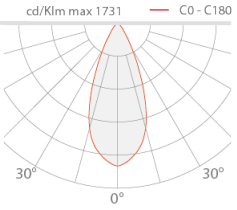
R3 - zoom 15° (15°-43°) CRI80

H (m)	∅ (m)	Lux max (3000K) 10W	14W
1.00	0.27	5480	6975
2.00	0.54	1370	1744
3.00	0.81	609	775
4.00	1.08	343	436
5.00	1.35	219	279



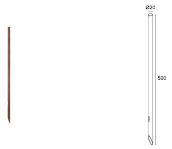
R3 - zoom 43° (15°-43°) CRI80

H (m)	∅ (m)	Lux max (3000K) 10W	14W
1.00	0.78	1089	1387
2.00	1.56	272	347
3.00	2.35	121	154
4.00	3.13	68	87
5.00	3.91	44	55

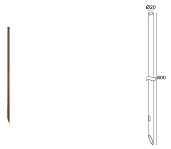


ACCESSORIES

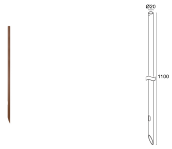
Installation Accessories



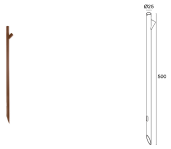
WPA00T
Spike for in-ground installation - h 500 mm - cor-ten
Order together with the lighting fixture
Required installation accessories, not included



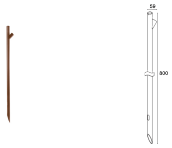
WPA01T
Spike for in-ground installation - h 800 mm - cor-ten
Order together with the lighting fixture
Required installation accessories, not included



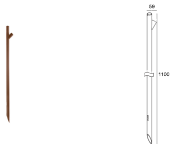
WPA02T
Spike for in-ground installation - h 1100 mm - cor-ten
Order together with the lighting fixture
Required installation accessories, not included



WPA03T
Dual-fixture spike for in-ground installation - h 500 mm - cor-ten
Order together with two lighting fixtures
Required installation accessories, not included



WPA04T
Dual-fixture spike for in-ground installation - h 800 mm - cor-ten
Order together with two lighting fixtures
Required installation accessories, not included



WPA11T
Dual-fixture spike for in-ground installation - h 1100 mm - cor-ten
Order together with two lighting fixtures
Required installation accessories, not included

Anti-glare





WB1001T
Standard snoot - cor-ten

WB1002T
Asymmetrical snoot - cor-ten



WB1003N
Barn doors - black

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