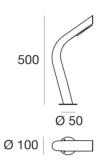
Twig_1

Bollard & Pole | 190-250 V | topLED 2,5 W 60 mA | CRI 80 64201W80



Technical data		
Installation position	Floor	
Installation environment	Outdoor	
Light Source	LED	
Optic	80°	
Power	2.5 W	
Luminous flux (source)	332 lm	
Frequency	50 - 60 Hz	
CCT / Tonalità	3000 K	
Colour rendering index	80 Ra	
AC / DC	DC	
Safety class	2	
IP	IP65	
К	05	
Glow wire test	850°	
Direct mounting on normally flammable surfaces	Yes	
CE	Yes	
ETL	No	
Operating temperature	-40°C / +100°C	
Driver included	Yes	
Induzione	No	
Emergency mode	No	
Directional	No	
Tilting	No	
Walk-over	No	
Drive-over	No	
Cable included	No	
Resin potting	No	



Finishing casing		
Material	Stainless steel	
Colour	steel	
Processing	electropolishing	

Material	PMMA
Colour	sandblasted

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Twig_1

Bollard & Pole | 190-250 V | topLED 2,5 W 60 mA | CRI 80 64201W80

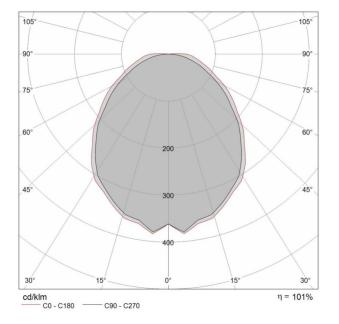
Single emission bollard & pole for outdoor application. The warm white LED light source with a 80° light distribution is composed of 0 topled LED with CCT of 3000 K and a CRI 80; the source luminous flux is 332 lm, with a 166.0 lm/W nominal luminous efficacy.

The device body is made of stainless steel and features a steel finish, processed by means of electropolishing; the diffuser is made of pmma. The ingress protection degree is IP65; the total weight is of 1.35 kg. The power supply driver is included in the delivery.

The total absorbed power is 2,5 W.

The device features protection class II and can be floor-mounted.

Illuminotechnical Features	
Light Output Ratio (LOR)	69 %
Luminous flux (source)	332 lm
Luminaire luminous flux	232 lm
Consumption	2,5 W
Luminaire efficacy	92 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
UGR	
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	> 25
UGR axial	< 25



0.5	1.11 1.19	E(0°) E(C90) 47.9° E(C0) 50.0°	33 5 4
0.5	1.19	E(C0) 50.0*	4
		E(0°)	8
10	2.21 2.38	E(C90) 47.9°	1
1.0	2.38	E(C0) 50.0°	1
		E(0°)	3
	3.32	E(C90) 47.9°	
1.5	3.58	E(C0) 50.0°	
		5(00)	
	4.43	E(0°) E(C90) 47.9°	2
2.0	4.77	E(C0) 50.0°	
	5.53	E(0°) E(C90) 47.9°	1
2.5	5.96	E(C0) 47.9 E(C0) 50.0°	
		-(/	
		E(0°)	
2.0	6.64 7.15	E(C90) 47.9°	
3.0	7.15	E(C0) 50.0°	

C0 - C180 (Hal beam angle: 100.0°) C90 - C270 (Hal beam angle: 95.8°)

nsversal > 25 al < 25

Twig_1 | Bollard & Pole | Accessories 64201W80

