DATASHEET

Made in Italy

27/11/2026 Rev. 09/2024

Plin 5.1, code: PN511005AT

Bollards for outdoor applications

kg 2,50 IP65 IK07





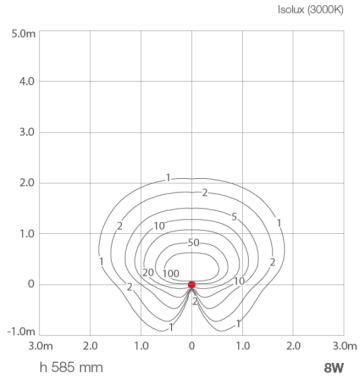
DESCRIPTION

bollard for outdoor applications; surface mounted (floor); Power consumption: 8W; Power supply: 230Vac; Lumen output at source: 488 lm (3000K); Delivered lumen output: 173 lm (3000K); 1 power LED, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: asymmetrical: optical system consisting of a quarter-ball lens combined with a high-quality technical filter and protected by serigraphed, tempered extra-clear glass. Positioned inside the head perpendicular to the body, this system ensures the side and front areas are correctly lit. The product features a cut-off, eliminating light behind it; Upward flux fraction: 0,02%; CRI Colour Rendering Index: 80; Body material: head made of ANTICORODAL 6082 aluminium alloy, made entirely on a CNC lathe. Body and base trim piece laser cut from AISI 316L stainless steel; 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 1500 hours of salt spray. Paints compliant with the Qualicoat standard used in the automotive sector; RAL finish on request; Screen material: screen in serigraphed, transparent and tempered extra-clear glass; Installation: with a plate to put on the base to cover the screws; built-in power supply unit; Ingress protection: IP65; Impact resistance: IK07; non-standard heights available on request; with watertight connector for cables up to Ø12 mm; 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 I; Weight: 2500 g; Dimensions: Ø125x585 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WPA00 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

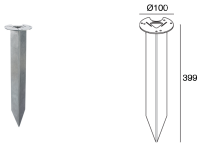
ELECTRICAL CHARACTERISTICS	
Power consumption	8W
Power supply	230Vac
Power supply unit	built-in power supply unit
LIGHTING CHARACTERISTICS	
Number and type of LED	1 power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	3-step MacAdam
Optics	asymmetrical
Lumen output at source	488 lm (3000K)
Delivered lumen output	173 lm (3000K)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø125x585 mm
Weight	2500 g
Finishes	cor-ten
Mounting	in-ground installation
Body material	head in aluminium, column in AISI 316L stainless steel
Screen material	screen in serigraphed, transparent, tempered extra-clear glass
GENERAL CHARACTERISTICS	
Ingress protection	IP65
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 I
Walkover	no
Drive-over	no
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	non-standard heights available on request; with watertight connector for cables up to Ø12 mm

PHOTOMETRIC DATA

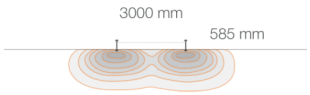


ACCESSORIES

Installation Accessories



WPA00
Spike for in-ground installation



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