

Made in Italy

 **Plin 6.1, code: PN6110000090AE**
Bollards for outdoor applications

03/04/2025 Rev. 07/2024



DESCRIPTION

bollard for outdoor applications; surface mounted (floor); Power consumption: 14W; Power supply: 230Vac; Lumen output at source: 1560 lm (3000K); Delivered lumen output: 1160 lm (3000K); 8 power LEDs, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 4000K; Optics: asymmetrical circular: optical system composed of 8 TIR lenses protected by serigraphed, acid-etched and tempered extra-clear glass. Positioned inside the head perpendicular to the body, this system provides perfect 360° illumination. The product achieves full cut-off; 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: white 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 9003); RAL finish on request; Screen material: 5-mm-thick acid-etched extra-clear glass, tempered for excellent resistance to knocks and scratches, and serigraphed; 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; Protection systems: The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; Operating temperature: -20°C — +45°C; Glow wire test: 960°C; Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class I; Weight: 2500 g; Dimensions: Ø155x585 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 | 14W |
| Power supply | 230Vac |
| Power supply unit | built-in power supply unit |

LIGHTING CHARACTERISTICS

| | |
|----------------------------|---------------------------|
| Number and type of LED | 8 power LEDs |
| Average LED life | 60 000h L90 B10 (Ta 25°C) |
| LED colour | 4000K |
| CRI Colour Rendering Index | 80 |
| Binning | 2-step MacAdam |
| Optics | asymmetrical circular |
| Lumen output at source | 1560 lm (3000K) |
| Delivered lumen output | 1160 lm (3000K) |

MECHANICAL CHARACTERISTICS

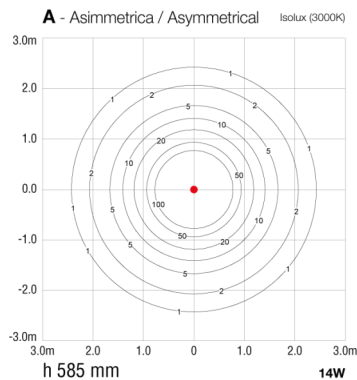
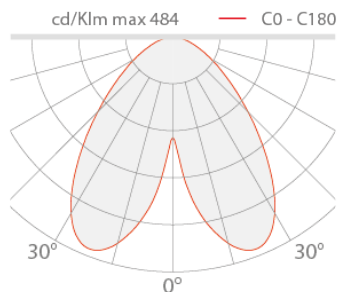
| | |
|-----------------|--|
| Dimensions | Ø155x585 mm |
| Weight | 2500 g |
| Finishes | white RAL 9003 |
| Mounting | in-ground installation |
| Body material | head in aluminium, column in AISI 316L stainless steel |
| Screen material | screen in serigraphed, acid-etched, tempered extra-clear glass |

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 |
| Protection systems | PID (Protective Impedance Device) |
| Photobiological safety | in accordance with IEC TR 62778:2014 |
| Notes | non-standard heights available on request; with watertight connector for cables up to Ø12 mm |

PHOTOMETRIC DATA

A – Asymmetrical



ACCESSORIES

Installation Accessories



WPA00

Spike for in-ground installation

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