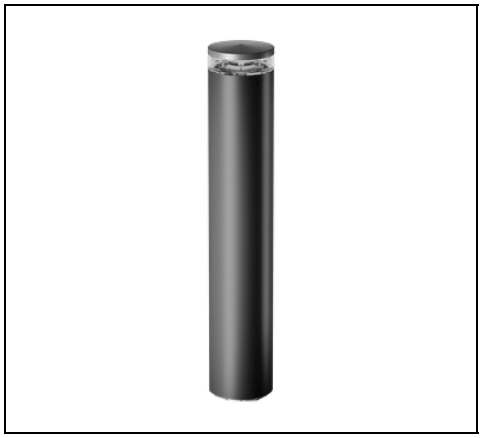
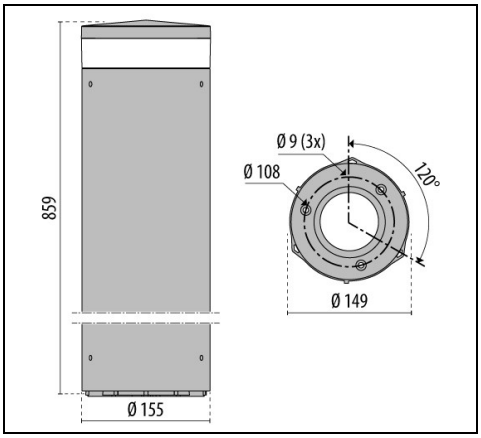
# INDEX+ 86 C/EW

## Part number 3121751






IP 65 | IK 10 | CLASS II | FULL CUT OFF | ULR<1 | DALI

### Description

Series of bollards, comprising:
- Die-cast aluminium cover painted prior chemical preparation of the surface ISO 9227/12944 - ISO 9223 (C5)
- Extruded aluminium column, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- UV stabilised transparent polycarbonate diffuser
- UV and heat stabilised high-transparency polycarbonate optics. The optical unit compartment features superior heat dissipation and IK10-rated impact resistance grating specific light distributions
- Aluminium heat sink
- Anti-ageing custom moulded silicone sealing gasket(s)
- Technopolymer cable compartment cover
- Stainless steel locking hardware
- Each luminaire is supplied with two IP 68 cable gland allowing a single or a through power connection
- Die-cast aluminium floor mount base polyester powder coat finish prior chemical surface conversion
- AISI 304 stainless steel sheet metal sturdy bases for floor mounting are available as accessories. For purpose illumination: promoting safe navigation through campuses, car parks and public spaces
- Concrete installation fixing rods are available as accessories. Compatible with standard die-cast aluminium and optional stainless steel heavy use (HU) baseplates

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
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**info.it@pil.lighting**
www.performanceinlighting.com

## Product data

| | | | |
|---|---|---|---|
| **ETIM Group:** | EG000027 | **ETIM Class:** | EC000301 |

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | |
| **Lightsource lumen output [lm]:** | 2130 | **Luminaire lumen output [lm]:** | 1547 |
| **Luminaire wattage [W]:** | 13 W | **Luminous efficacy [lm/W]:** | 119 |
| **CRI:** | 80 | **Colour temperature [K]:** | 3000 |
| **Colour / Finishing:** | AN-96 / Anthracite gray / Textured | **IP degree of protection:** | IP65 |
| **Impact resistance / impact energy:** | IK10 20J xx9 | **Protection class:** | II |
| **Optic:** | C/EW - Circular Extra-Wide | **Net weight [kg]:** | 5.24 |
| **Overall diameter [mm]:** | 154 | **Overall height [mm]:** | 860 |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Round 150 ≤ x ≤ 300 mm | **Housing material:** | Plastic |
| **Diffuser material:** | Transparent plastic | **Glow wire test [°C]:** | 750 °C |

## Electrical features

| | | | |
|---|---|---|---|
| **Voltage type:** | AC/DC | **Input voltage [V AC]:** | 220/240 |
| **Input frequency [Hz]:** | 220-240V 50/60Hz | **Power factor / COS Φ:** | >0.95 |
| **Input voltage [V DC]:** | 170/280 | **Inrush current [A/µs]:** | 5 / 50 |
| **C10 1.5 mm²:** | 52 | **C16 2.5 mm²:** | 85 |
| **B10 1.5 mm²:** | 31 | **B16 2.5 mm²:** | 50 |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Outdoor lighting | **Mounting type:** | Bollard and column |
| **Min. ambient temperature [°C]:** | -20 | **Max. ambient temperature [°C]:** | 35 |

## Light features

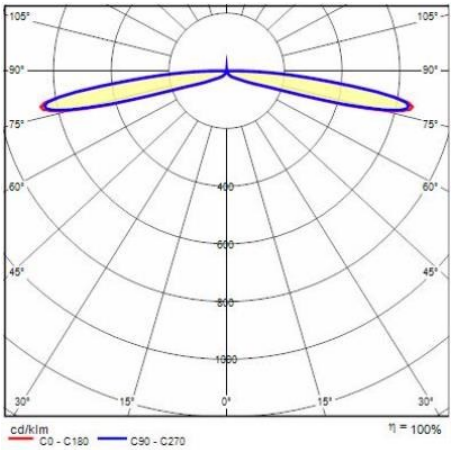
| | | | |
|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L70B10@147000h |
| **Distribution of light emission:** | Direct | **Luminous Intensity Class:** | None |
| **Zero light pollution (ULR = 0%):** | | **IPEA* (road lighting):** | A5+ |
| **IPEA* (large areas, roundabouts):** | A6+ | **IPEA* (cycle-pedestrian):** | A4+ |
| **IPEA* (green areas):** | A4+ | **IPEA* (historic city centers):** | A8+ |

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## Photometric data




## Optional accessories

INDEX+



**3114401**

AISI 316 stainless steel floor installation base

INOX / Stainless steel



**3114402**

AISI 316 stainless steel floor installation base

INOX / Stainless steel



**14049320**

Concrete mounting adaptor with stainless steel plate and galvanised steel rods

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