

DATA SHEET

ALVA BL 940/170 OP 360° 1000 840 AN

Item number EL10820069
GTIN 4015120820069



| | | | | | | |
|---------------|------------|--------|------|--|------|--|
| 230 V ~ | 16 W | | IP65 | | IK10 | |
| LED 4000 K | CRI >80 | ON/OFF | | | | |

Product description

- LED bollard made from high-grade aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Integrated ballast (on/off), installation without further accessories
- High-quality housing, die-cast aluminium, charcoal grey powder-coated, similar to RAL 7024
- Colour temperature 4000 K

Offers special product features like:

- Protected against sea air

Technical data

| GENERAL | |
|---------------------------------|------------------------------------|
| Device category | Bollard light |
| Included in delivery | 3x screw, 3x wall plugs |
| Remote controllable | – |
| Conformity | CE, EAC, RoHS, WEEE |
| Warranty | 5 years |
| ATTACHMENT | |
| Installation type | Free standing |
| Installation position | Floor |
| Type of connection | Push terminal |
| Connectable wire cross section | 0.75 – 2.5 mm ² |
| Number of contacts | 3 |
| HOUSING | |
| Dimensions | Height/Depth 940 mm, Ø 170 mm |
| Weight | 7830 g |
| Material | powder-coated aluminium |
| Protection type | IP65 |
| Permissible ambient temperature | -25 °C...+40 °C |
| Relative humidity | 5 – 95 %, non-condensing |
| Impact resistance | IK10 |
| Colour | graphite grey, similar to RAL 7024 |
| ELECTRICAL VERSION | |
| Control system | ON/OFF |

| Protection class | I |
|---------------------------|----------------------------|
| Nominal voltage | 110 – 240 V ~ / 50 – 60 Hz |
| In-rush current | 13 A / 57 µs |
| Leakage current | 0.31 mA |
| Power consumption | 65 mA |
| LIGHT | |
| Diffuser | opal |
| Light emission | direct |
| Beam angle | 283 ° |
| Flicker factor | <3 % |
| Rated output P | 16 W |
| Luminous flux | 1050 lm |
| Luminous efficacy | 65 lm/W |
| Colour temperature | 4100 K |
| Colour rendering index Ra | > 80 |
| Colour tolerance | 1 SDCM |
| Color Quality Scale | 80 |
| L70B10 lifetime at 25 °C | 105000 h |
| Life time L70B50 at 25 °C | 110000 h |
| Life time L80B10 at 25 °C | 65000 h |
| Life time L80B50 at 25 °C | 70000 h |
| Life time L90B10 at 25 °C | 35000 h |
| Life time L90B50 at 25 °C | 35000 h |
| Photobiological safety | RG0 |

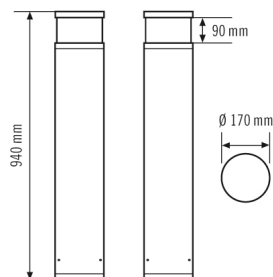
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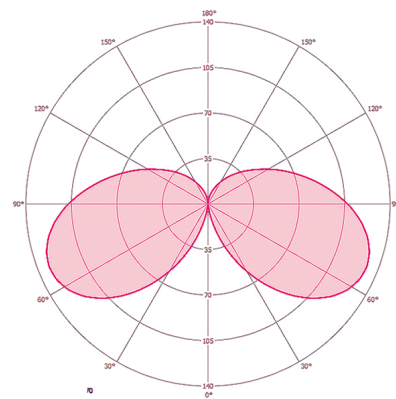
Accessories

| Product designation | Item number | Product description | GTIN |
|-----------------------|-------------|--|---------------|
| Mounting | | | |
| ALVA GROUND SPIKE 170 | EL10820199 | Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground | 4015120820199 |

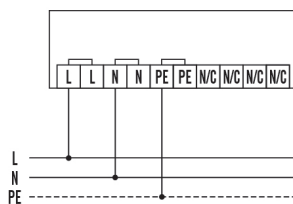
Dimension drawing



Light distribution



Circuit diagram



Standard operation.

Detailed product description

- LED bollard made from high-grade aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Lamp head: opal satin
- Light emission: 360°
- Integrated ballast (on/off), installation without further accessories
- High-quality housing, die-cast aluminium, powder coated anthracite, similar to RAL 7024
- Installation type: Mounting plate for screwing onto a base, optionally with ground anchor (accessory)
- Colour temperature 4000 K