

DATA SHEET

ESYLUX

ALVA BL 940/170 OP 180° 500 830 MD IR DALI AN

Item number EL10820960
GTIN 4015120820960



| | | | | | | | |
|-----------------|---------|--|------|--|------|--|------|
| 230 V ~ | 16 W | | IP65 | | IK09 | | 180° |
| LED 3000 K | CRI >80 | | 3 m | | 140° | | IR |
| DALI BUS | | | | | | | |

Product description

- LED DALI bollard light made from high-grade aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Integrated ballast (DALI), installation without further accessories
- High-quality housing, die-cast aluminium, charcoal grey powder-coated, similar to RAL 7024
- Colour temperature 3000 K

Offers special product features like:

- Protected against sea air

Technical data

| GENERAL | |
|---------------------------------|------------------------------------|
| Device category | Bollard light |
| User interface | IR remote control, DALI-Bus |
| 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 | 1,50 – 2,50 mm ² |
| Number of contacts | 5 |
| 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 | IK09 |
| Colour | graphite gray, similar to RAL 7024 |
| ELECTRICAL VERSION | |
| Control system | DALI |
| Protection class | I |
| Nominal voltage | 110 - 240 V AC / 50 - 60 Hz |
| In-rush current | 12 A / 57 µs |

| Leakage current | 0,31 mA |
|----------------------------|-------------------|
| Power consumption | 70 mA |
| LIGHT | |
| Diffusor | opal |
| Light emission | direct |
| Beam angle | 283 ° |
| Flicker factor | <3 % |
| Rated output P | 17 W |
| Luminous Flux (light) | 620 lm |
| Luminous efficacy | 36,00 lm/W |
| Colour temperature | 3000 K |
| Colour rendering index Ra | > 80 |
| Colour tolerance | SDCM < 3 |
| 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 |
| Energy efficiency class | A++ to A |
| SENSORS | |
| Detection angle | 140° |
| Detection range diagonally | 6 m |
| Detection range head-on | 2 m |
| Field of detection | 44 m ² |

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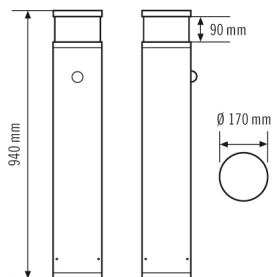
| Item number | GTIN |
|-------------|---------------|
| EL10820960 | 4015120820960 |

Range adjustment mechanically with included cut to size lens mask

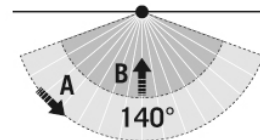
Accessories

| Product designation | GTIN |
|----------------------------|---------------|
| Electrical accessories | |
| ACTUATOR FULL AUTO C3 DALI | 4015120427473 |
| ACTUATOR SEMI AUTO C4 DALI | 4015120427480 |
| Mounting | |
| ALVA GROUND ANCHOR | 4015120820083 |
| Remote control | |
| ESY-Pen | 4015120425356 |
| REMOTE CONTROL PDi DALI | 4015120425899 |

Scale drawing



Field of detections



Detection range

| | |
|------------------|-----|
| ■ Diagonally (A) | 6 m |
| ■ Frontal (B) | 2 m |

Light distribution

