

ALVA BL 940/170 OP 180° 500 830 AN

Item number

EL10820649

GTIN

4015120820649



Technical data

GENERAL	
Device category	Bollard light
Product information	Intense sunlight over a longer period of time can change the color tone. Do not mount the luminaire on concrete that is still damp. Damp concrete has an alkaline effect and prolonged contact can lead to corrosion of the luminaire's aluminium housing. Drain the mounting area for the luminaire on the concrete base and apply a bitumen coating before mounting.
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	1.5 - 2.5 mm ²
Number of contacts	3
HOUSING	
Dimensions	Height 940 mm, Ø 170 mm
Weight	8030 g
Material	powder-coated aluminium
Protection type	IP65
Permissible ambient temperature	-25 °C...+40 °C
Relative humidity	5 - 95 %, non-condensing
Impact resistance	IK10

ON/OFF	110 - 240 V ~	LED 3100 K	CRI 82	Phi 620 lm	38 lm/W	IP65

Product description

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

Offers special product features like:

- Protected against sea air
- Dirt-repellent thanks to powder coating with lotus effect

Colour	graphite grey, similar to RAL 7024
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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 - min	620 lm
Luminous flux - max	620 lm
Luminous efficacy - min	38 lm/w
Luminous efficacy - max	38 lm/w
Colour temperature	3100 K
Colour rendering index Ra	> 80
Colour tolerance	2 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

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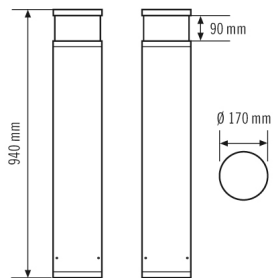
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Life time L90B50 at 25 °C 35000 h Photobiological safety RGO

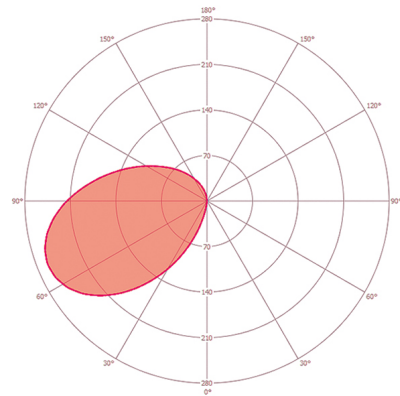
Accessories

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

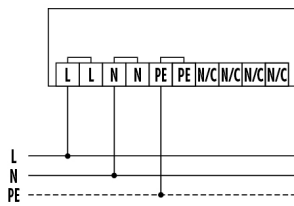
Dimension drawing



Light distribution



Circuit diagram



Standard operation.

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Detailed product description

- LED bollard made from high-grade aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Lamp head: opal satin
- Light distribution: 180°
- Integrated ballast , installation without further accessories
- High-quality housing, die-cast aluminium, charcoal grey powder-coated, similar to RAL 7024
- Installation type: Mounting plate for screwing on to a base, optionally via a ground anchor (accessories)