DATA SHEET

ESYLUX

ALVA BL 940/170 TR 360° 1000 830 AN

Item number	GTIN
EL10820007	4015120820007

ON/OFF | 110 - 240 V ~ | LED 3100 K | CRI 82 | Phi 1270 lm | 79 lm/W | IP65

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

Special Product Features:

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

5 YEARS MANUFACTURER WARRANTY

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 mm²
Number of contacts	3

HOUSING	
Dimensions	Height 940 mm, Ø 170 mm
Weight	7693 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	transparent
Light emission	direct
Beam angle	159 °
Flicker factor	<3 %
Rated output P	16 W
Luminous flux - min	1270 lm
Luminous flux - max	1270 lm
Luminous efficacy - min	79 lm/w
Luminous efficacy - max	79 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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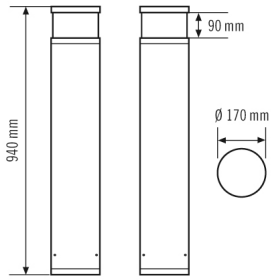
Life time L90B50 at 25 °C	35000 h	Photobiological safety	RG0

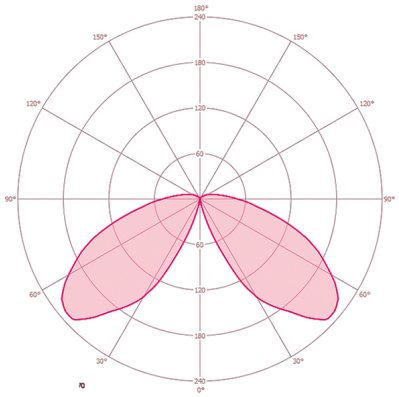
Accessories

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

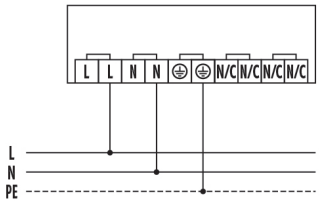
Dimension drawing



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: crystal clear with no-glare light emission
- 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)