

# DATA SHEET

## ALVA BL 940/170 TR 180° 600 830 AN

**Item number** EL10820601  
**GTIN** 4015120820601



230 V ~	16 W		IP65		IK10	
LED 3000 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 , 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
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	1.50 – 2.50 mm <sup>2</sup>
Number of contacts	3

HOUSING	
Dimensions	Height/Depth 940 mm, Ø 170 mm
Weight	8259 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	760 lm
Luminous efficacy	47 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
Life time L90B50 at 25 °C	35000 h
Photobiological safety	RG0

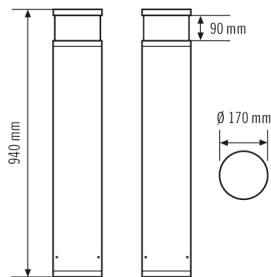
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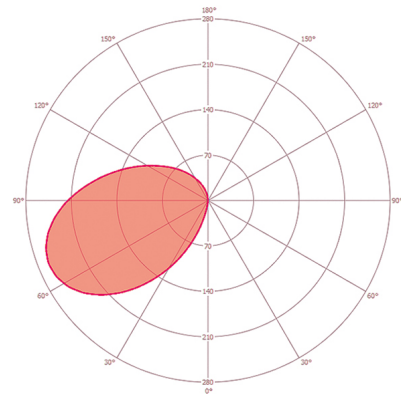
### Accessories

Product designation	Item number	Product description	GTIN
<b>Mounting</b>			
ALVA GROUND SPIKE 170	EL10820199	Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground	4015120820199
ALVA GROUND ANCHOR	EL10820083	Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground	4015120820083

### Dimension drawing



### Light distribution



### 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 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)
- Colour temperature 3000 K