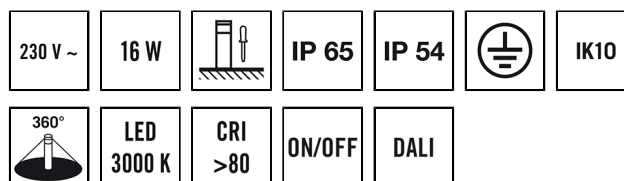


# DATA SHEET

## ALVA BL 540/170 TR 360° 1000 830 WH

**Item number** EL10820366  
**GTIN** 4015120820366



### 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, powder coated white, similar to RAL 9016
- Colour temperature 3000 K



### Technical data

GENERAL	
Device category	Bollard light
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 <sup>2</sup>
Number of contacts	5

HOUSING	
Dimensions	Height/Depth 540 mm, Ø 170 mm
Weight	5500 g
Material	powder-coated aluminium
Protection type	IP65
Permissible ambient temperature	-25 °C...+40 °C
Impact resistance	IK10
Colour	white, similar to RAL 9016

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	80 mA

LIGHT	
Diffuser	transparent
Light emission	direct
Beam angle	159 °
Flicker factor	<10 %
Rated output P	16 W
Luminous flux	1030 lm
Luminous efficacy	64 lm/W
Colour temperature	3100 K
Colour rendering index Ra	> 80
Colour tolerance	3 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

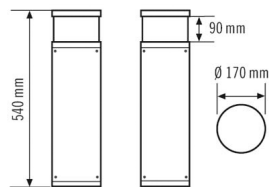
## ALVA BL 540/170 TR 360° 1000 830 WH

<b>Item number</b>	<b>GTIN</b>
EL10820366	4015120820366

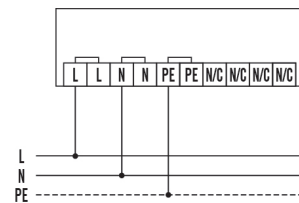
### Accessories

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

### Dimension drawing



### 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: 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 white, similar to RAL 9016
- Installation type: Mounting plate for screwing onto a base, optionally with ground anchor (accessory)
- Colour temperature 3000 K