

# DATA SHEET

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

**Item number** EL10820106  
**GTIN** 4015120820106



### 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
- Colour temperature 3000 K

### Technical data

#### GENERAL

Device category	Bollard light
Remote controllable	–
Conformity	CE, 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 540 mm, Ø 170 mm
Weight	5685 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 gray, similar to RAL 7024

#### ELECTRICAL VERSION

Protection class	I
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Nominal voltage	110 - 240 V / 50 - 60 Hz
Power consumption	65 mA
In-rush current	13 A / 57 µs
Leakage current	0,31 mA

#### LIGHT

Diffusor	transparent
Light emission	direct
Beam angle	159 °
Flicker factor	<3 %
Rated output	16 W
Luminous Flux (light)	1270 lm
Luminous efficacy	79 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

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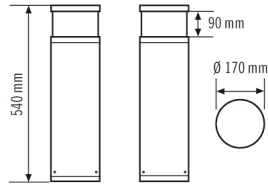
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### Accessories

Product designation	Item number	GTIN
ALVA GROUND ANCHOR	EL10820083	4015120820083

### Scale drawing



### Light distribution

