

DATA SHEET

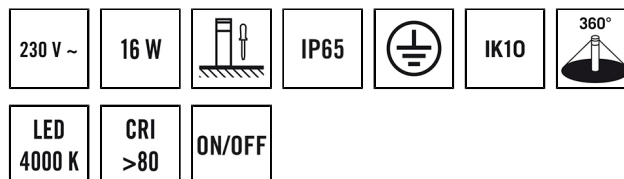
ALVA BL 540/170 OP 360° 1000 840 AN

Item number

EL10820304

GTIN

4015120820304



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 4000 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 ²
Number of contacts	3

HOUSING

Dimensions	Height/Depth 540 mm, Ø 170 mm
Weight	7830 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
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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	1050 lm
Luminous efficacy	65 lm/W
Colour temperature	4100 K
Colour rendering index Ra	> 80
Colour tolerance	1 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

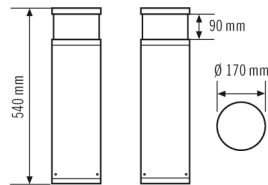
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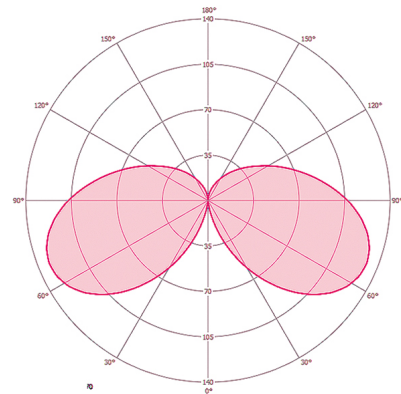
Accessories

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

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: opal satin
- 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)
- Colour temperature 4000 K