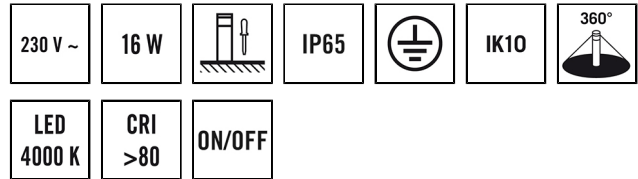


# DATA SHEET

# ESYLUX

## ALVA BL 940/170 TR 360° 1200 840 AN

**Item number** EL10820021  
**GTIN** 4015120820021



### 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 <sup>2</sup>
Number of contacts	3

HOUSING	
Dimensions	Height/Depth 940 mm, Ø 170 mm
Weight	8000 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	1350 lm
Luminous efficacy	84 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
Lebensdauer L70B50 bei 25 °C	110000 h
Lebensdauer L80B10 bei 25 °C	65000 h
Life time L80B50 at 25 °C	70000 h
Lebensdauer L90B10 bei 25 °C	35000 h
Life time L90B50 at 25 °C	35000 h
Photobiological safety	RG0

SENSORS	
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CHANNELS (LIGHTING / HVAC)	
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# DATA SHEET

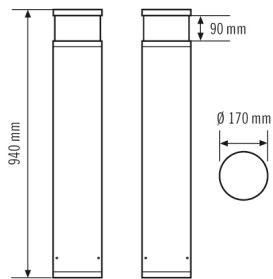
## ALVA BL 940/170 TR 360° 1200 840 AN

**Item number**      **GTIN**  
EL10820021      4015120820021

### Accessories

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

### Dimension drawing



### Light distribution

