

# DATA SHEET

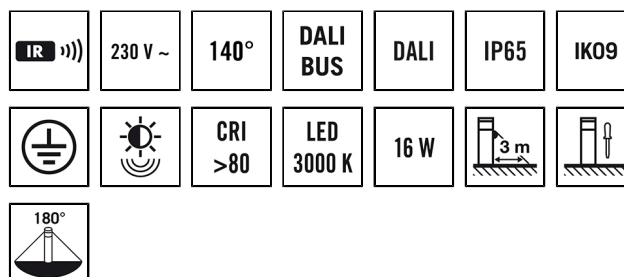
## ALVA BL 940/170 TR 180° 600 830 MD IR DALI AN

### Item number

EL10820922

### GTIN

4015120820922



### Product description

- LED DALI bollard light made from high-grade aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Integrated ballast (DALI), 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
User interface	IR remote control, DALI-Bus
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	5

#### HOUSING

Dimensions	Height/Depth 940 mm, Ø 170 mm
Weight	7957 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
Nominal voltage	200 - 240 V / 50 - 60 Hz
Power consumption	70 mA
In-rush current	12 A / 57 µs

Leakage current	0,31 mA
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#### LIGHT

Diffusor	transparent
Light emission	direct
Beam angle	159 °
Flicker factor	<3 %
Rated output	16 W
Luminous Flux (light)	760 lm
Luminous efficacy	47 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

#### SENSORS

Detection angle	140°
Detection range diagonally	6 m
Detection range head-on	2 m
Field of detection	44 m <sup>2</sup>

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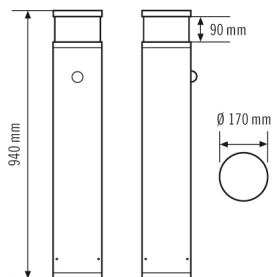
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Range adjustment      mechanically with included cut to size lens mask

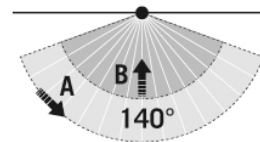
### Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
REMOTE CONTROL PDi DALI	EP10425899	4015120425899
ALVA GROUND ANCHOR	EL10820083	4015120820083
ACTUATOR FULL AUTO C3 DALI	EP10427473	4015120427473
ACTUATOR SEMI AUTO C4 DALI	EP10427480	4015120427480

### Scale drawing



### Field of detections



### Detection range

■ Diagonally (A)	6 m
■ Frontal (B)	2 m

### Light distribution

