

DATA SHEET

ALVA BL 940/170 TR 180° 700 840 MD IR DALI AN

Item number EL10820946
GTIN 4015120820946



230 V ~	16 W		IP65		IK09		180°
LED 4000 K	CRI >80		3 m		140°		IR
DALI BUS							

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 4000 K

Offers special product features like:

- Integrated motion detector with DALI bus voltage supply
- Protected against sea air

Technical data

GENERAL	
Device category	Bollard light
User interface	IR remote control, DALI-Bus
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	5
HOUSING	
Dimensions	Height/Depth 940 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	IK09
Colour	graphite gray, similar to RAL 7024
ELECTRICAL VERSION	
Control system	DALI
Protection class	I
Nominal voltage	200 - 240 V AC / 50 - 60 Hz
In-rush current	12 A / 57 µs

Leakage current	0,31 mA
Power consumption	70 mA

LIGHT	
Diffusor	transparent
Light emission	direct
Beam angle	159 °
Flicker factor	<3 %
Rated output P	17 W
Luminous Flux (light)	810 lm
Luminous efficacy	47,00 lm/W
Colour temperature	4000 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 ²

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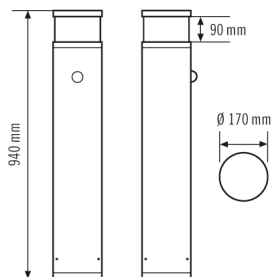
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Range adjustment mechanically with included cut to size lens mask

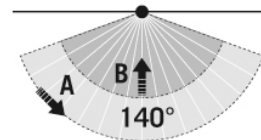
Accessories

Product designation	GTIN
Electrical accessories	
ACTUATOR FULL AUTO C3 DALI	4015120427473
ACTUATOR SEMI AUTO C4 DALI	4015120427480
Mounting	
ALVA GROUND ANCHOR	4015120820083
Remote control	
ESY-Pen	4015120425356
REMOTE CONTROL PDi DALI	4015120425899

Scale drawing



Field of detections



Detection range

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

Light distribution

