

# DATA SHEET

## ALVA BL 940/170 OP 180° 600 840 MD IR DALI AN

**Item number** EL10820984  
**GTIN** 4015120820984



230 V ~	16 W		IP65		IK09	
LED 4000 K	CRI >80		140°		IR )))	DALI
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 <sup>2</sup>
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	opal
Light emission	direct
Beam angle	283 °
Flicker factor	<3 %
Rated output P	17 W
Luminous Flux (light)	630 lm
Luminous efficacy	37,00 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 <sup>2</sup>

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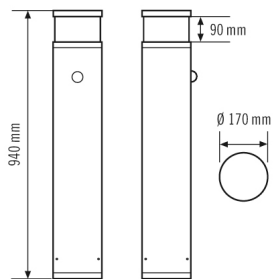
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Range adjustment                      mechanically with included cut to size lens mask

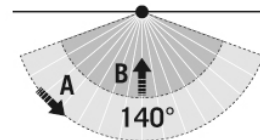
### Accessories

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

