

DATA SHEET

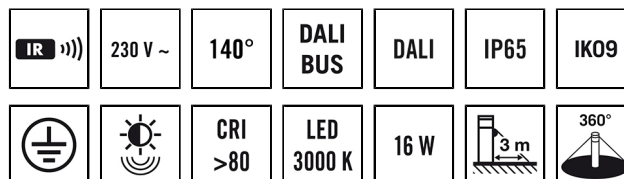
ALVA BL 940/170 OP 360° 800 830 MD IR DALI AN

Item number

EL10820441

GTIN

4015120820441



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 ²
Number of contacts	5

HOUSING

Dimensions	Height/Depth 940 mm, Ø 170 mm
Weight	7866 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	opal
Light emission	direct
Beam angle	283 °
Flicker factor	<3 %
Rated output	16 W
Luminous Flux (light)	1030 lm
Luminous efficacy	64 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 ²

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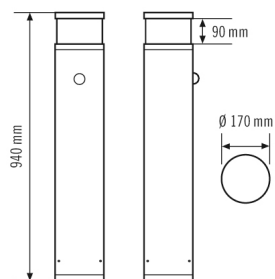
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Range adjustment mechanically with included cut to size lens mask

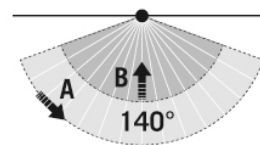
Accessories

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

