

DATA SHEET

ALVA BL 940/170 OP 360° 1000 840 DALI WH

Item number EL10820274
GTIN 4015120820274



230 V ~	16 W		IP65		IK10	
LED 4000 K	CRI >80	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, white powder-coated, similar to RAL 9016
- Colour temperature 4000 K

Offers special product features like:

- Protected against sea air

Technical data

GENERAL	
Device category	Bollard light
User interface	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	0.75 – 2.5 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
Impact resistance	IK10
Colour	white, similar to RAL 9016
ELECTRICAL VERSION	
Control system	DALI

Protection class	I
Nominal voltage	200 – 240 V ~ / 50 – 60 Hz
In-rush current	12 A / 57 µs
Leakage current	0.31 mA
Power consumption	80 mA
LIGHT	
Diffuser	opal
Light emission	direct
Beam angle	283 °
Flicker factor	<10 %
Rated output P	17 W
Luminous flux	980 lm
Luminous efficacy	57 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
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

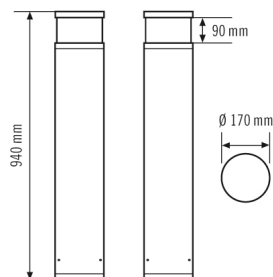
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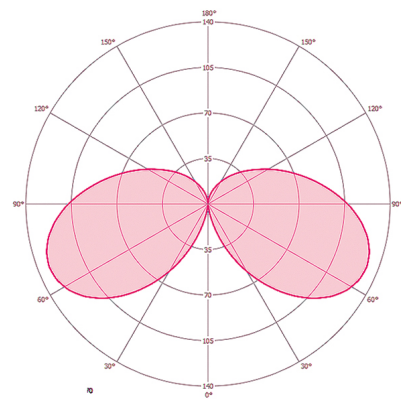
Accessories

Product designation	Item number	Product description	GTIN
Mounting			
ALVA GROUND SPIKE 170	EL10820199	Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground	4015120820199

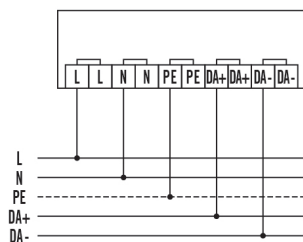
Dimension drawing



Light distribution



Circuit diagram



Standard operation.

Detailed product description

- LED DALI bollard light made from high-grade aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Lamp head: opal satin
- Light distribution: 360°
- Integrated ballast (DALI), installation without further accessories
- DALI interface for 2-pin DALI control cable
- High-quality housing, die-cast aluminium, white powder-coated, similar to RAL 9016
- Installation type: mounting plate for screwing on to a base, optionally via a ground anchor (accessories)
- Colour temperature 4000 K