

DATA SHEET

ALVA BL 700/100 TR 360° 600 840 MD IR DALI AN

Item number EL10821196
GTIN 4015120821196



230 V ~	16 W		IP65		IK09		360°
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	
Warranty	5 years
Device category	Bollard light
Included in delivery	3x screw, 3x wall plugs
User interface	IR remote control, DALI-Bus
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
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 700 mm, Ø 100 mm
Weight	3500 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 grey, similar to RAL 7024

ELECTRICAL VERSION	
Control system	DALI
Protection class	I
Nominal voltage	200 – 240 V ~ / 50 – 60 Hz
LIGHT	
Diffuser	transparent
Light emission	direct
Beam angle	211 °
Flicker factor	<3 %
Rated output P	7 W
Luminous flux	600 lm
Luminous efficacy	85 lm/W
Colour temperature	4000 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
Photobiological safety	RG0

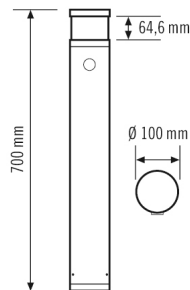
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Accessories

Product designation	Item number	Product description	GTIN
Electrical accessories			
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (fully automatic)	4015120427473
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (semi-automatic)	4015120427480
Mounting			
ALVA GROUND SPIKE 100	EL10820182	Ground anchor galvanised for installation of bollard lights in concrete foundation or solid ground	4015120820182
Remote control			
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	4015120425899

Dimension drawing



Detailed product description

- LED DALI bollard light made from high-grade aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Lamp head: crystal clear with no-glare light emission
- Light distribution: 360°
- Integrated ballast (DALI), installation without further accessories
- DALI interface for 2-pin DALI control cable
- High-quality housing, die-cast aluminium, charcoal grey powder-coated, similar to RAL 7024
- DALI motion detector - orientation light - twilight switch - setting options via infrared remote control (accessory) - parallel wiring (master / master)
- Installation type: mounting plate for screwing on to a base, optionally via a ground anchor (accessories)
- Colour temperature 4000 K