

DATA SHEET

ESYLUX

ALVA UDL TR 13° 900 830 AN

Item number

EL10830006

GTIN

4015120830006



Technical data

GENERAL

Device category	Up-/Downlight
Product information	Intense sunlight over a longer period of time can change the color tone.
Remote controllable	-
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Surface mounting
Installation position	Wall
Type of connection	Push terminal
Connectable wire cross section	1.5 - 2.5 mm ²
Number of contacts	3

HOUSING

Dimensions	Length 176 mm x Width 100 mm x Height/Depth 160 mm
Weight	1560 g
Material	powder-coated aluminium
Protection type	IP65
Permissible ambient temperature	-25 °C...+40 °C
Impact resistance	IK09
Colour	graphite grey, similar to RAL 7024
Glow wire test in accordance with IEC 60695-2-10	650 °C

ELECTRICAL VERSION

Control system	ON/OFF
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ON/OFF	230 V AC	LED 3000 K	CRI 83	Phi 1000 lm	100 lm/W	IP65
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Product description

- LED up/downlight made from high-quality aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Beam angle: 2 x 13°

Offers special product features like:

- Protected against sea air

Protection class	I
Nominal voltage	230 V ~ / 50 Hz
In-rush current	6 A / 369 µs
Leakage current	0.017 mA
Power consumption	70 mA

LIGHT

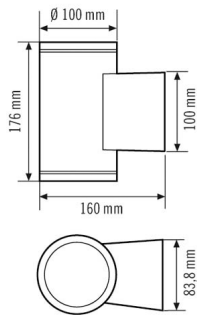
Diffuser	transparent
Light emission	direct/indirect
Beam angle	13 °
Flicker factor	<10 %
Rated output P	10 W
Luminous flux	1000 lm
Luminous efficacy	100 lm/W
Colour temperature	3000 K
Colour rendering index Ra	> 80
Colour tolerance	5 SDCM
Color Quality Scale	80
L70B10 lifetime at 25 °C	125000 h
Life time L70B50 at 25 °C	225000 h
Life time L80B10 at 25 °C	80000 h
Life time L80B50 at 25 °C	140000 h
Life time L90B10 at 25 °C	40000 h
Life time L90B50 at 25 °C	70000 h
Photobiological safety	RG1

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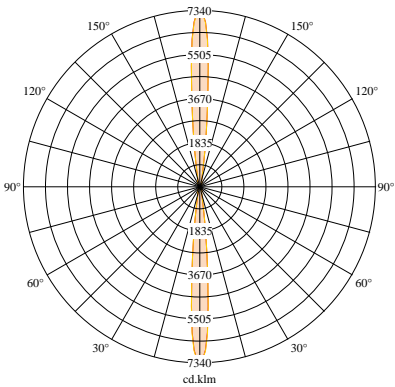
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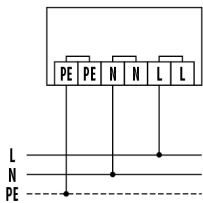
Dimension drawing



Light distribution



Circuit diagram



Standard operation.

Detailed product description

- LED up/downlight made from high-quality aluminium
- Dirt-repellent thanks to powder coating with lotus effect
- Beam angle: 2 x 13°
- Excellent colour rendering index: Ra >80
- Installation type: Wall mounting
- Life time L80B50 at 25 °C: 140000 h