

DATA SHEET

ESYLUX

ALMA WCL 300 OP 1600 830 IP65 MD

Item number

EO10850301

GTIN

4015120850301



Technical data

GENERAL

Device category	Wall and ceiling light
Remote controllable	-
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Surface mounting
Installation position	Ceiling / wall
Type of connection	Push terminal
Connectable wire cross section	1.5 - 2.5 mm ²
Number of contacts	4

HOUSING

Dimensions	Height/Depth 87 mm, Ø 300 mm
Weight	713 g
Material	UV-stabilised polycarbonate
Protection type	IP65
Permissible ambient temperature	0 °C...+40 °C
Impact resistance	IK10
Colour	white, similar to RAL 9003

ELECTRICAL VERSION

Control system	ON/OFF
Protection class	II
Nominal voltage	220 - 240 V ~ / 50 - 60 Hz
In-rush current	2.2 A / 98 µs

ON/OFF	220 - 240 V AC	LED 3100 K	CRI 82	Phi 1600 lm	100 lm/W	IP65
	Ø 15 m	360°				

Product description

- LED round light
- 16 W, light colour approx. 3000 K warm white
- Enhanced protection type (IP65)
- Integrated high-frequency detector and an additional switching output
- Zero-cross switching for switching that protects the relay

Offers special product features like:

- Integrated HF motion detector

Leakage current	0.017 mA
Power consumption	300 mA

LIGHT

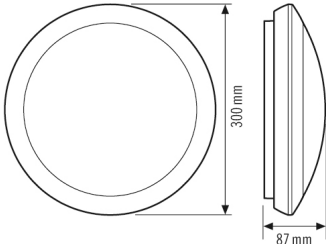
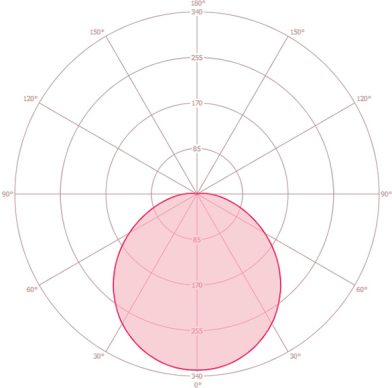
Diffuser	opal
Light emission	direct
Beam angle	115 °
Unified Glare Rating	≤ 22
Flicker factor	< 3 %
Rated output P	16 W
Luminous flux	1600 lm
Luminous efficacy	100 lm/W
Colour temperature	3100 K
Colour rendering index Ra	> 80
Colour tolerance	4 SDCM

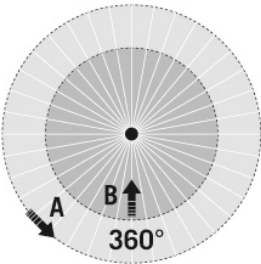
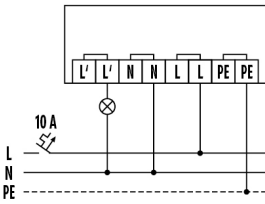
SENSORS

Detection angle	360°
Detection range diagonally	Ø 15 m
Detection range head-on	Ø 15 m
Range adjustment	electronic
Field of detection	177 m ²
Recommended installation height	2.5 m
Level of brightness	3 - 300 lx
Switch-off delay time	10 s...12 min (adjustable in steps)
Frequency range	5.8 GHz

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Dimension drawing	Light distribution
	

Field of detections	Detection range		Circuit diagram
	■ Diagonally (A)	Ø 15 m	
	■ Frontal (B)	Ø 15 m	

Standard operation.

Detailed product description

- LED round light
- 16 W, light colour 3000 K warm white
- Enhanced protection type (IP65)
- Integrated high-frequency detector and an additional switching output
- Zero-cross switching for switching that protects the relay
- High luminous efficacy 100 lm/W
- Simple wiring via push-in terminal
- Fast installation thanks to through-wiring