

# DATA SHEET

## ELLEN WCL 300 OP 1300 840 IP44

**Item number**      **GTIN**  
 E010850110      4015120850110



**UGR**  
 ≤22



### Technical data

GENERAL	
Device category	Wall and ceiling light
Included in delivery	2x wall plugs, 2x screws
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Warranty	3-year
ATTACHMENT	
Installation type	Surface mounting
Installation position	Ceiling / wall
Type of connection	Push terminal
Connectable wire cross section	1.50 – 2.50 mm <sup>2</sup>
Number of contacts	3
HOUSING	
Dimensions	Height/Depth 95 mm, Ø 300 mm
Weight	713 g
Material	Steel
Protection type	IP44
Permissible ambient temperature	0 °C...+50 °C
Impact resistance	IK07
Colour	white
Glow wire test in accordance with IEC 60695-2-10	650 °C
ELECTRICAL VERSION	
Control system	ON/OFF

### Product description

- LED round light
- 12 W, light colour approx. 4000 K warm white
- Zero-cross switching for switching that protects the relay
- Enhanced protection type (IP44)

Protection class	I
Nominal voltage	220 - 240 V ~ / 50 - 60 Hz
In-rush current	10.6 A / 123 µs
Stand-by consumption	0 W

LIGHT	
Diffuser	opal
Light emission	direct
Beam angle	120 °
Unified Glare Rating	≤ 22
Flicker factor	< 3 %
Rated output P	11 W
Luminous flux	1350 lm
Luminous efficacy	122 lm/W
Colour temperature	4000 K
Colour rendering index Ra	> 80
Colour tolerance	1 SDCM
Color Quality Scale	>80
L70B10 lifetime at 25 °C	90000 h
Lebensdauer L70B50 bei 25 °C	95000 h
Lebensdauer L80B10 bei 25 °C	60000 h
Life time L80B50 at 25 °C	60000 h
Lebensdauer L90B10 bei 25 °C	30000 h
Life time L90B50 at 25 °C	30000 h
Photobiological safety	RG0

### SENSORS

# DATA SHEET

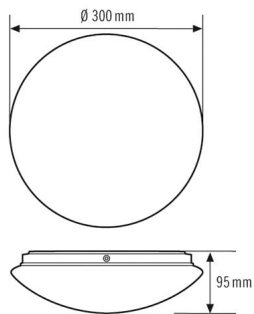
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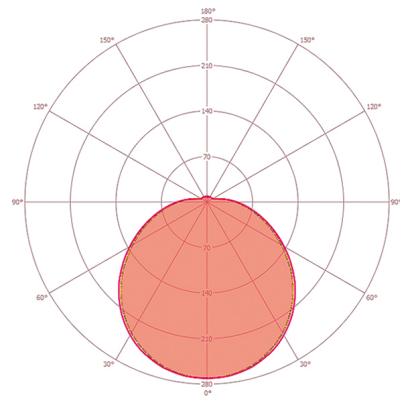
### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
ELLEN COVER OP	E010850127	Cover for ELLEN series, opal	4015120850127

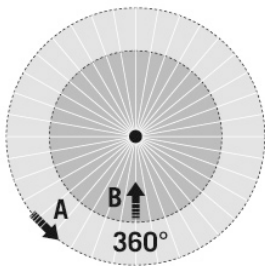
### Dimension drawing



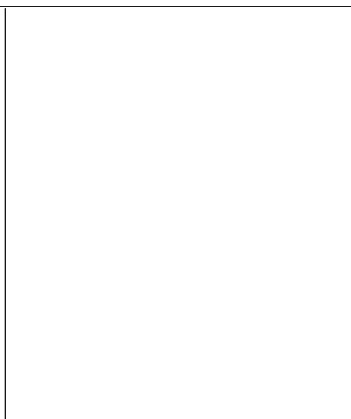
### Light distribution



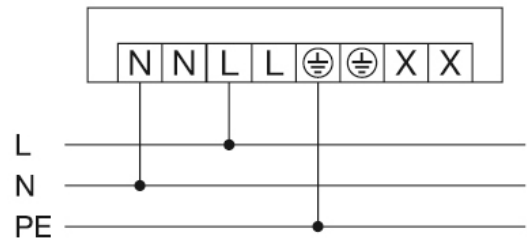
### Field of detections



### Detection range



### Circuit diagram



Standard operation