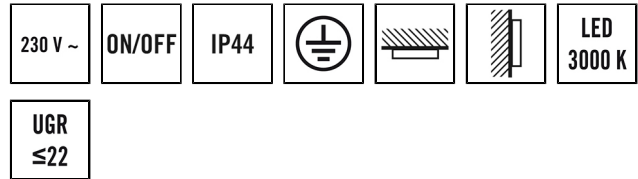


ELLEN WCL 300 OP 1200 830 IP44 MD

Item number E010850080
GTIN 4015120850080



Product description

- LED round light
- 12 W, light colour approx. 3000 K warm white
- Zero-cross switching for switching that protects the relay
- Enhanced protection type (IP44)
- Integrated high-frequency detector and additional switching output

Offers special product features like:

- Integrated HF motion detector
- Zero-cross switching



Technical data

GENERAL	
Device category	Wall and ceiling light
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 ²
Number of contacts	4
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
Protection class	I
Nominal voltage	220 - 240 V ~ / 50 - 60 Hz
In-rush current	1.8 A / 58 µs

Stand-by consumption < 0.5 W

LIGHT	
Diffuser	opal
Light emission	direct
Beam angle	120 °
Unified Glare Rating	≤ 22
Flicker factor	< 3 %
Rated output P	11.5 W
Luminous flux	1250 lm
Luminous efficacy	108 lm/W
Colour temperature	3100 K
Colour rendering index Ra	> 80
Colour tolerance	4 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	
Detection angle	360°
Detection range diagonally	Ø 20 m
Detection range head-on	Ø 10 m
Field of detection	315 m ²
Level of brightness	2 - 50 lx

DATA SHEET

ELLEN WCL 300 OP 1200 830 IP44 MD

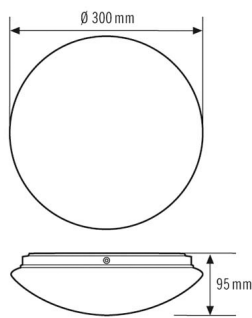
Item number **GTIN**
 E010850080 4015120850080

Switch-off delay time 5 s...30 min (adjustable in steps)

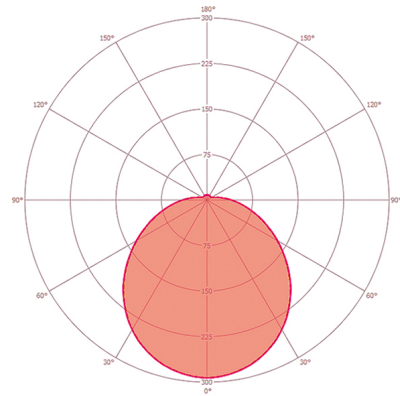
Accessories

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

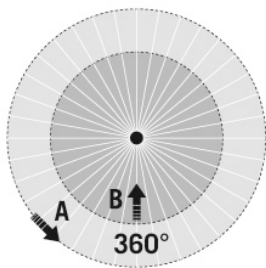
Dimension drawing



Light distribution



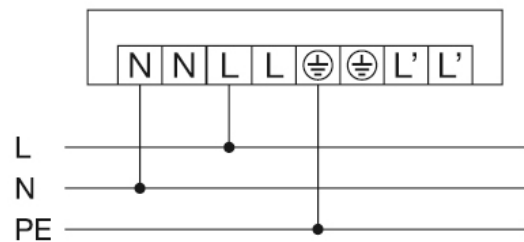
Field of detections



Detection range

■ Diagonally (A)	∅ 20 m
■ Frontal (B)	∅ 10 m

Circuit diagram



Standard operation