

DATA SHEET

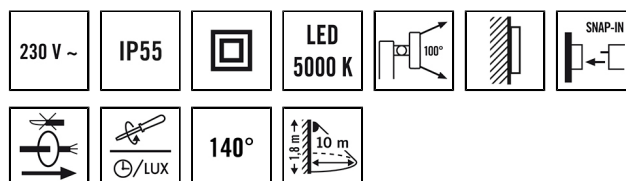
AOL WL 100 OP 900 850 MD WH

Item number EL10750007
GTIN 4015120750007



Technical data

GENERAL	
Device category	Wall light
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Warranty	3 years
ATTACHMENT	
Installation type	Surface mounting
Installation position	Wall
Type of connection	Screwed terminal
Connectable wire cross section	1.50 – 2.50 mm ²
Number of contacts	4
HOUSING	
Dimensions	Length 205 mm x Width 104 mm x Height/Depth 143 mm
Weight	587 g
Material	Aluminium and UV-stabilised plastic
Protection type	IP55
Permissible ambient temperature	-25 °C...+50 °C
Colour	white, similar to RAL 9016
Glow wire test in accordance with IEC 60695-2-10	650 °C
ELECTRICAL VERSION	
Control system	ON/OFF
Protection class	II
Nominal voltage	230 – 230 V ~ / 50 – 50 Hz
In-rush current	100 A / 200 µs
Leakage current	0.017 mA



Product description

- Automatic light with built-in motion detector
- Design lamp made of die-cast aluminium and plastic
- Rated output P: 10 W, light colour approx. 5000 K white
- 140° field of detection, range up to 10 m at an installation height of 1.8 m

Offers special product features like:

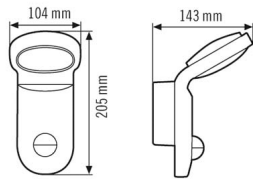
- Integrated motion detector

Stand-by consumption	0.5 W
LIGHT	
Diffuser	opal
Light emission	direct
Beam angle	90 °
Flicker factor	<10 %
Rated output P	10 W
Luminous flux	900 lm
Luminous efficacy	90 lm/W
Colour temperature	5000 K
Colour rendering index Ra	> 80
Colour tolerance	2 SDCM
L70B10 lifetime at 25 °C	80000 h
Life time L70B50 at 25 °C	100000 h
Life time L80B10 at 25 °C	50000 h
Life time L80B50 at 25 °C	65000 h
Life time L90B10 at 25 °C	25000 h
Life time L90B50 at 25 °C	30000 h
SENSORS	
Detection angle	140°
Detection range diagonally	10 m
Field of detection	122 m ²
Recommended installation height	1.8 m
Level of brightness	5 – 1000 lx
Switch-off delay time	5 s...10 min (adjustable in steps)
Push button input	✓
Channel	C1 Lighting

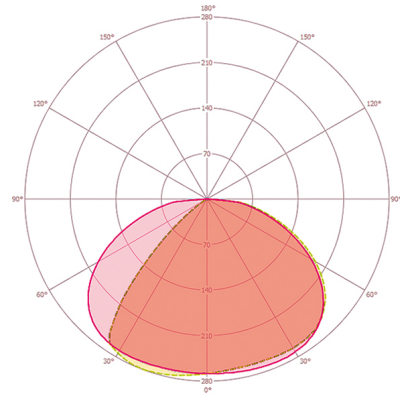
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Dimension drawing



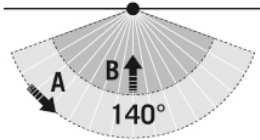
Light distribution



Field of detections

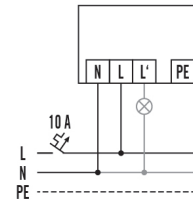
Detection range

Circuit diagram



■ Diagonally (A)

10 m



Standard operation with optional connection of external loads.

Detailed product description

- Automatic light with in-built motion detector and 140° field of detection
- Design lamp made from die-cast aluminium
- Rated output P: 10 W, light colour 5000 K white
- One-hand plug-base installation
- Covered connector base with large wiring space
- Diaphragm line entrance for quick and easy installation
- Plug-in terminal for through-wiring of the protective conductor included
- Individual detection areas can be masked with the covering clips provided