

DATA SHEET

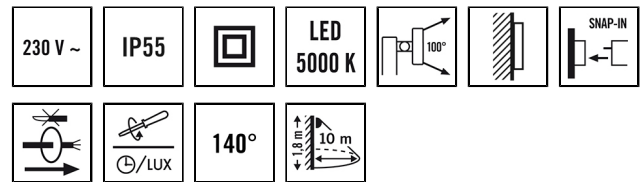
AOL WL 100 OP 900 850 MD BK

Item number EL10750014
GTIN 4015120750014



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 | 569 g |
| Material | Aluminium and UV-stabilised plastic |
| Protection type | IP55 |
| Permissible ambient temperature | -25 °C...+50 °C |
| Colour | black, similar to RAL 9005 |
| 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

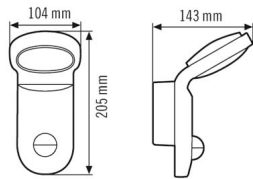
| Stand-by consumption | 0.5 W |
|---------------------------------|------------------------------------|
| LIGHT | |
| Diffuser | opal |
| Light emission | direct |
| Beam angle | 90 ° |
| Flicker factor | <10 % |
| Rated output P | 10 W |
| Luminous flux | 900 lm |
| Luminous efficacy | 90 lm/W |
| 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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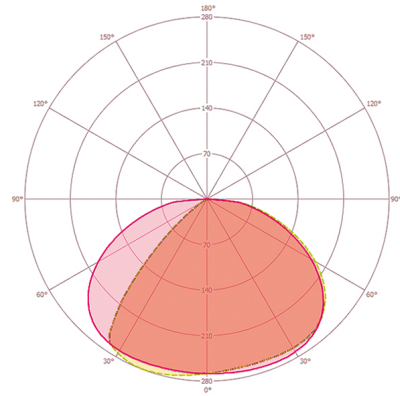
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Dimension drawing



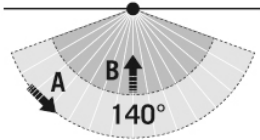
Light distribution



Field of detections

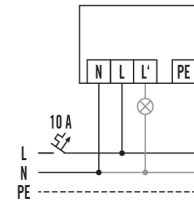
Detection range

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