

DATA SHEET

ESYLUX

AOL WL 100 OP 900 830 MD BK

Item number

EL10750717

GTIN

4015120750717



Technical data

GENERAL

Device category	Wall light
Product information	Intense sunlight over a longer period of time can change the color tone.
Remote controllable	-
Conformity	CE, EAC, RoHS, WEEE
Warranty	3 years

ATTACHMENT

Installation type	Surface mounting
Installation position	Wall
Type of connection	Screw terminal
Connectable wire cross section	1.5 - 2.5 mm ²
Number of contacts	4

HOUSING

Dimensions	Length 205 mm x Width 104 mm x Height/Depth 143 mm
Weight	571 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 V ~ / 50 Hz
In-rush current	100 A / 200 µs

ON/OFF	LED 3000 K	CRI 80	Phi 850 lm	P 10 W	85 lm/W	IP55
	r 10 m					

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. 3000 K warm 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

Leakage current	0.01 mA
Stand-by consumption	0.5 W

LIGHT

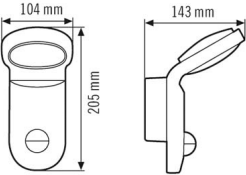
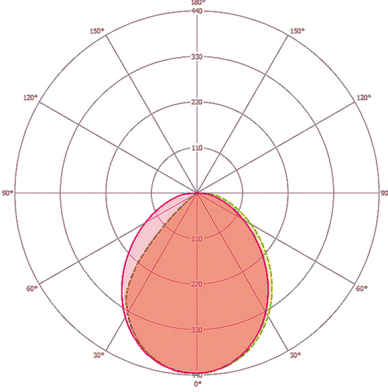
Diffuser	opal
Light emission	direct
Beam angle	90 °
Flicker factor	<10 %
Rated output P	10 W
Luminous flux	850 lm
Luminous efficacy	85 lm/W
Colour temperature	3000 K
Colour rendering index Ra	> 80
Colour tolerance	4 SDCM
L70B10 lifetime at 25 °C	80000 h
Life time L70B50 at 25 °C	100000 h
Life time L80B10 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

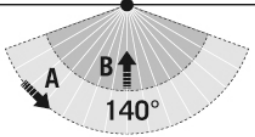
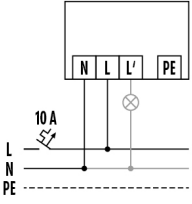
SENSORS

Detection angle	140°
Detection range diagonally	10 m
Detection range head-on	2 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)

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Push button input	✓

Dimension drawing	Light distribution
	

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

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 3000 K warm 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