theLuxa S180 BK

Item no.: 1010506

Presence and motion detectors
Wall installation outdoor

Description

- Passive infra-red motion detector
- For outdoor use
- Additional creep under protection
- Sensor head can be turned by ± 90° horizontally and by 30° downwards
- Adjustable brightness switching value and switch-off delay
- Mixed light measurement suitable for the control of fluorescent, incandescent, halogen lamps and LEDs
- Zero-cross switching for relay-saving switching and high lamp loads
- Teach-in of current brightness value possible
- Pulse function
- Test function for checking detection area
- Installation on flush-mounted socket possible (60 mm)
- Single-handed plug-in installation
- Instant start-up possible via factory preset
- Controls are place protected
- Terminal for protective earth conductor



PLUS X AWARD®
2014 ausgezeichnet für:
Design
Funktionalität

Technical data

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Operating voltage	230 V AC
Frequency	50 Hz
Stand-by consumption	~0.9 W
Light measurement	Mixed light measurement
Number of channels	1
Colour	Black (similar RAL 9005)
Switching output	Light
Installation type	Wall installation, Surface mounted

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Switching capacity	10 A at 230 V AC, cos φ = 1, 6 A at 230 V AC, cos φ = 0.6, 3 AX at 230 V AC, cos φ = 0.3
Detection angle	180°
Installation height	2 - 4 m
Light switch-off delay	1 s - 20 min
Incandescent/halogen lamp load	2300 W
Fluorescent lamp load (conventional) not corrected	2300 VA

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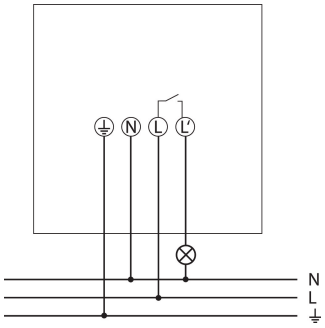
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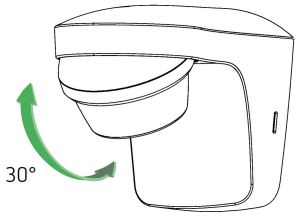
Technical data

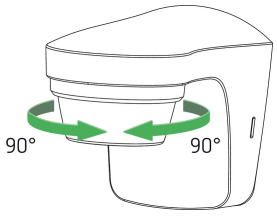
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Fluorescent lamp load (conventional) parallel-corrected	1200 VA 120 µF
Fluorescent lamp load (conventional) series-corrected	2300 VA
Fluorescent lamp load (electronic ballast)	1000 W
Energy saving lamps	250 W
Inrush current	max. 300 A / 200 µs
LED lamp < 2 W	50 W
LED lamp 2-8 W	500 W
LED lamp > 8 W	500 W

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Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Detection range	12 m
Detection range	Semicircular
Remote controlled	–
Ambient temperature	-25°C ... 45°C
Impact resistance	IK04
Protection class	II
Type of protection	IP 55
GWP Cradle-to-Gate (A1-A3)	5.83 kg CO_2 eq
GWP Cradle-to-Grave (A1-C4)	35.17 kg CO_2 eq

Wiring Diagrams







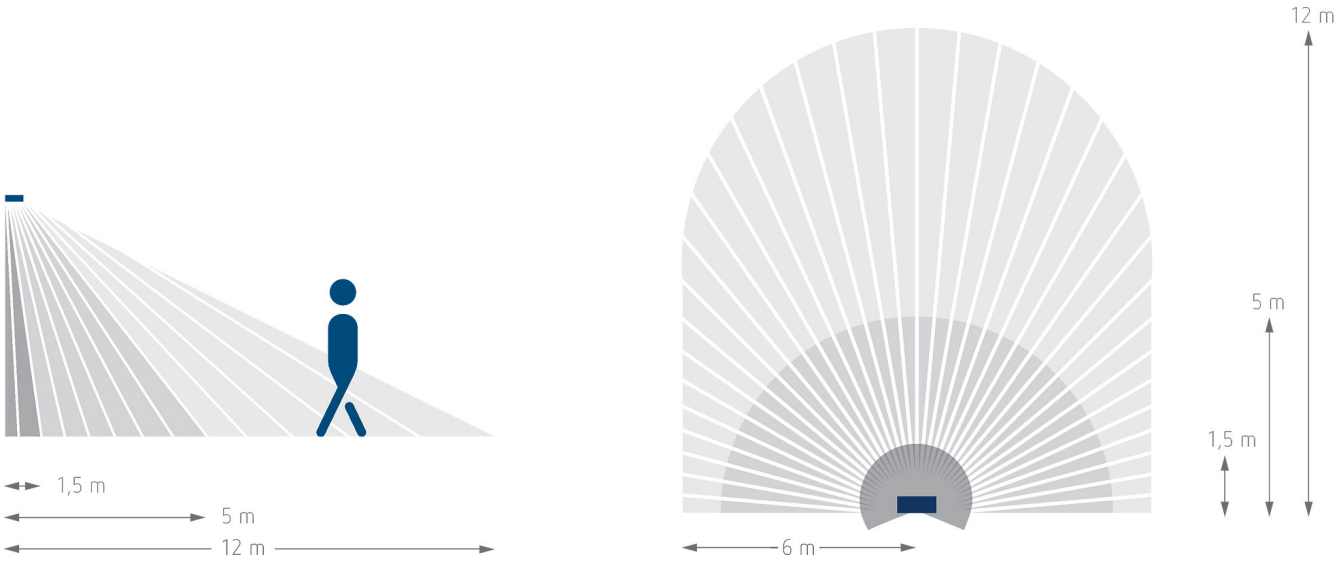
Detection Area for planning applications at a temperature of 21 °C

Mounting height (A)	Diagonally (t)	Head on to (R)	
2 m	9 m	3 m	
2.5 m	12 m	5 m	
3 m	12 m	5 m	
3.5 m	12 m	5 m	
4 m	9 m	3 m	

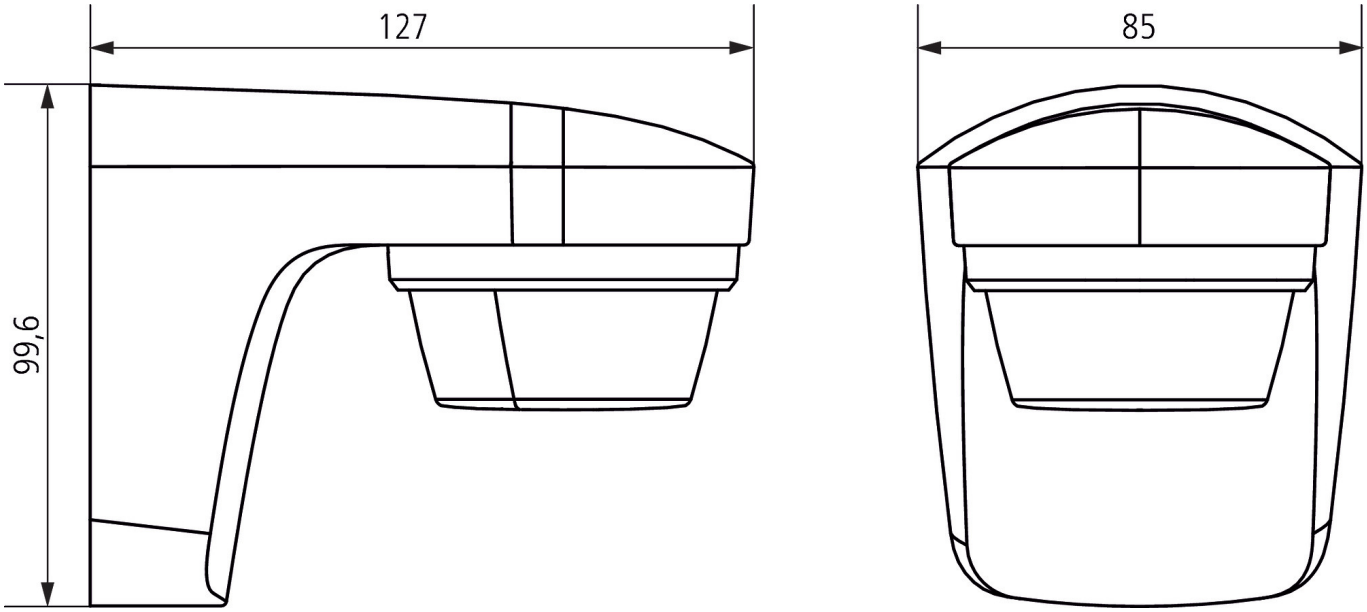
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Detection Area for planning applications at a temperature of 21 °C



Scale Drawings



Accessories

Corner angle theLuxa S BK
Item no.: 9070903



Spacer theLuxa S BK
Item no.: 9070907

