theLuxa S180 WH | Article number: 1010505

Description





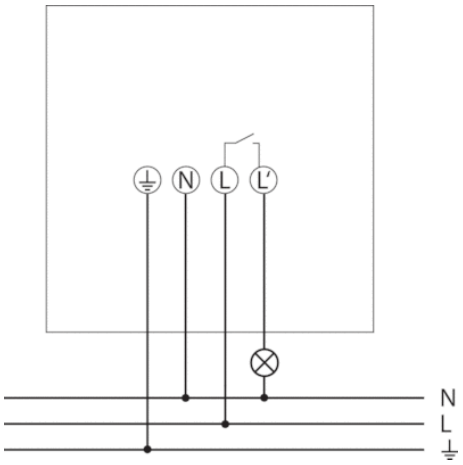
- Motion detector (PIR)
- Automatic lighting control based on presence and brightness
- 180° detection angle
- For outdoor use
- Additional creep under protection
- Sensor head can be turned by ± 90° horizontally and by 30° downwards
- Adjustable brightness switching value and switch-off delay
- Mixed 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

Technical data

Operating voltage	230 V AC
Frequency	50 Hz
Stand-by consumption	~0,9 W
Light measurement	Mixed light measurement
Number of channels	1
Colour	White
Switching output	Light
Installation type	Wall installation
Setting range brightness	5 – 1000 lx
Switching capacity light	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 lamp load	2300 W
Fluorescent lamp load (conventional) not corrected	400 VA
Fluorescent lamp load (conventional) parallel-corrected	400 VA 42 µF
Fluorescent lamp load (conventional) series-corrected	400 VA
Fluorescent lamp load (electronic ballast)	600 W
Energy saving lamps	150 W
Inrush current	max. 300 A / 200 µs
LED lamp < 2 W	25 W
LED lamp 2-8 W	200 W
LED lamp > 8 W	200 W
Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs

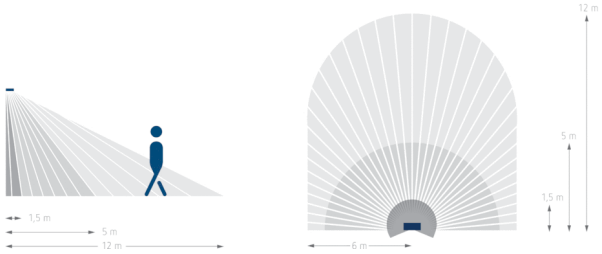
Remote controlled	–
Ambient temperature	-25 °C … +45 °C
Protection class	II
Type of protection	IP 55

Connection example

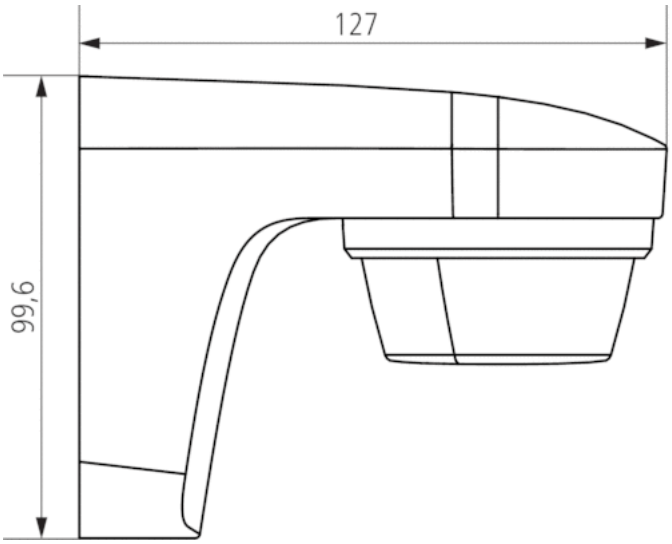


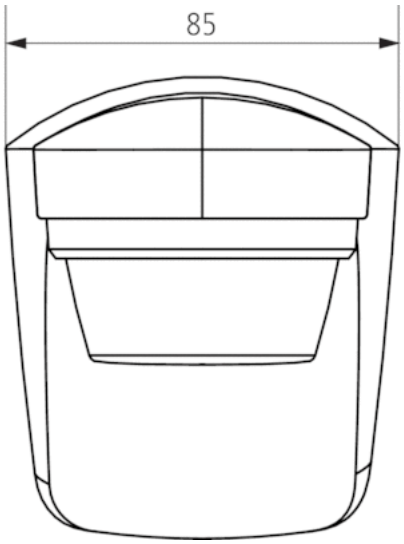
Detection range

Mounting height (A)	Head on to (r)	Diagonally (t)
2 m	3 m	9 m
2,5 m	5 m	12 m
3 m	5 m	12 m
3,5 m	5 m	12 m
4 m	3 m	9 m



Scale drawings

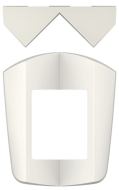




Accessories

Corner angle theLuxa S WH

- Article number: 9070902
  Details ▸ www.theben.de



Spacer theLuxa S WH

- Article number: 9070906
  Details ▸ www.theben.de

