

theLuxa E180 WH

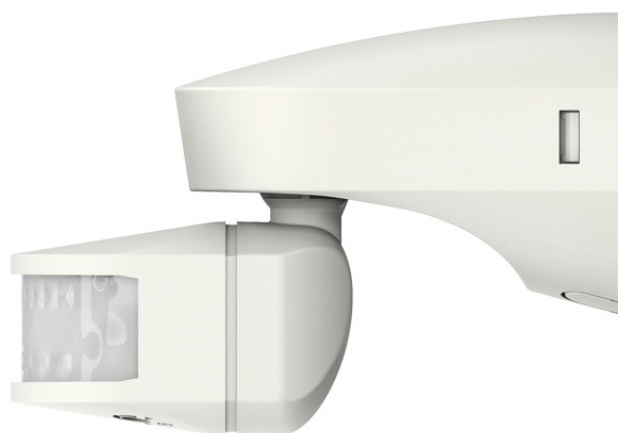
Item no.: 1010205

theben
energy saving comfort

Presence and motion detectors
Outdoor detectors

Description

- Motion detector (PIR)
- Automatic lighting control based on presence and brightness
- 180° detection angle
- For outdoor use
- Sensor head can be turned by $\pm 90^\circ$ horizontally and by 30° downwards/upwards
- Adjustable brightness switching value and switch-off delay
- Mixed light measurement suitable for the control of fluorescent, incandescent, halogen lamps and LEDs
- Area limit via stickers
- Test function for checking detection area
- Single-handed plug-in installation



Technical data

theLuxa E180 WH	
Operating voltage	230 V AC
Frequency	50 Hz
Stand-by consumption	<1 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	10 A at 230 V AC, $\cos \varphi = 1$
Detection angle	180°
Light switch-off delay	5 s-15 min
Incandescent/halogen lamp load	2300 W

theLuxa E180 WH	
Fluorescent lamp load (conventional) parallel-corrected	350 VA 37 μ F
Fluorescent lamp load (conventional) series-corrected	400 VA
LED lamp < 2 W	50 W
LED lamp 2-8 W	150 W
LED lamp > 8 W	150 W
Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Remote controlled	–
Ambient temperature	-20°C ... 40°C
Protection class	II
Type of protection	IP 55

Subject to technical changes and misprints

additional information at: www.theben.de/product/1010205

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

20/07/2020

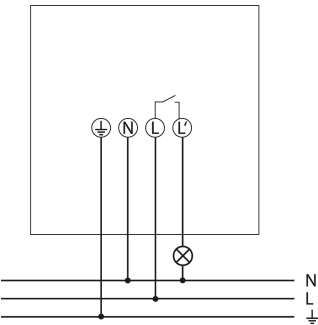
Page 1 of 3

theLuxa E180 WH

Item no.: 1010205

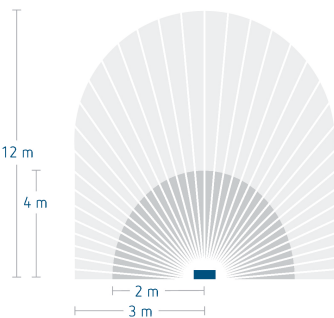


Connection example

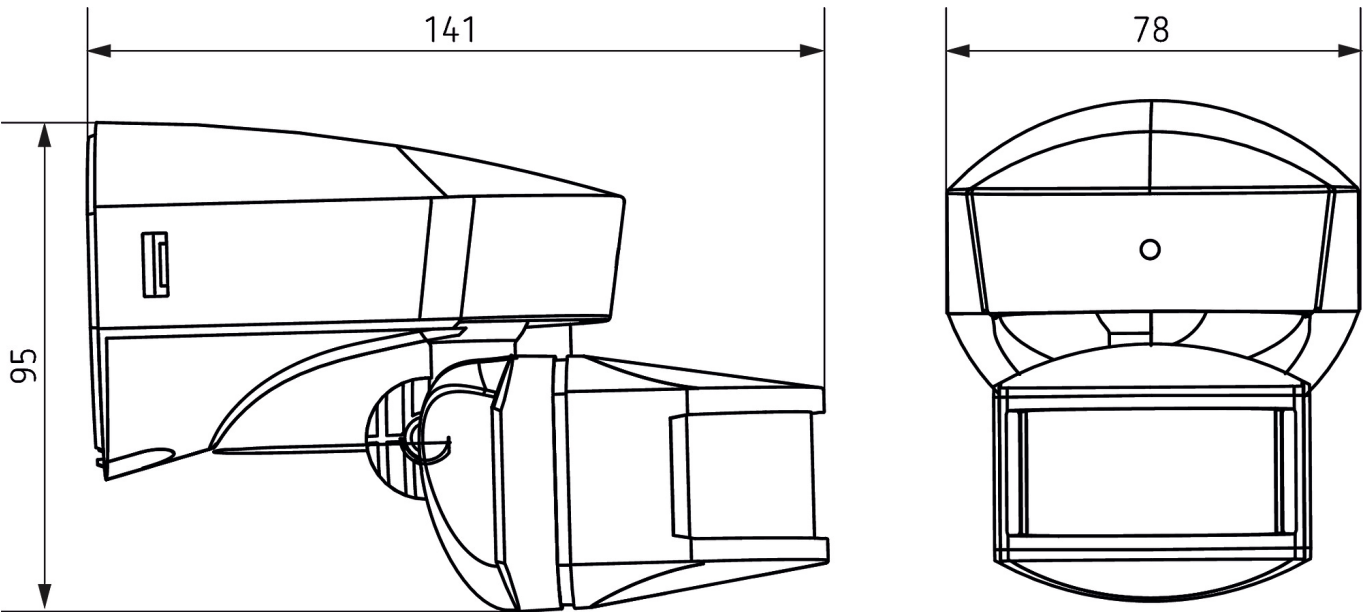


Detection range for planning applications

Mounting height (A)	Diagonally (t)	Head on to (R)	
2.5 m	12 m	4 m	



Scale drawings



theLuxa E180 WH

Item no.: 1010205



Accessories

Corner angle theLuxa E WH

Item no.: 9070974

