

theLuxa R180 WH

Item no.: 1010200

theben
energy saving comfort

Presence and motion detectors
Outdoor detectors

Description

- Passive infra-red motion detector for wall installation
- 180° detection angle
- For outdoor use
- Protection from tampering thanks to the robust case design
- Covered operating controls under the secured front cover
- Adjustable brightness switching value and switch-off delay
- Area limit via lens attachment
- 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
- 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
- Terminal for protective earth conductor



Technical data

| theLuxa R180 WH | |
|--|-----------------------------------|
| Operating voltage | 230 V AC |
| Frequency | 50 – 60 Hz |
| Stand-by consumption | <0.5 W |
| Light measurement | Mixed light measurement |
| Number of channels | 1 |
| Colour | White |
| Switching output | Light |
| Installation type | Wall installation |
| Setting range brightness | 2 – 200 lx |
| Switching capacity | 10 A at 230 V AC, $\cos \phi = 1$ |
| Detection angle | 180° |
| Installation height | 2.5 m |
| Light switch-off delay | 2 s-30 min |
| Incandescent/halogen lamp load | 2300 W |
| Fluorescent lamp load (conventional) not corrected | 500 VA |

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|---|--|
| Fluorescent lamp load (conventional) parallel-corrected | 500 W 60 µF |
| Fluorescent lamp load (conventional) series-corrected | 500 VA |
| Fluorescent lamp load (electronic ballast) | 500 W |
| Energy saving lamps | 500 W |
| LED lamp < 2 W | 50 W |
| LED lamp 2-8 W | 500 W |
| LED lamp > 8 W | 500 W |
| Lamps | Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs |
| Ambient temperature | -25°C ... 45°C |
| Protection class | II |
| Type of protection | IP 55 |

Subject to technical changes and misprints

additional information at: www.theben.de/product/1010200

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

02/04/2021

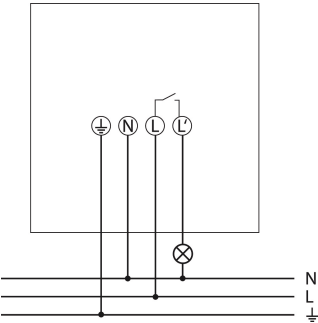
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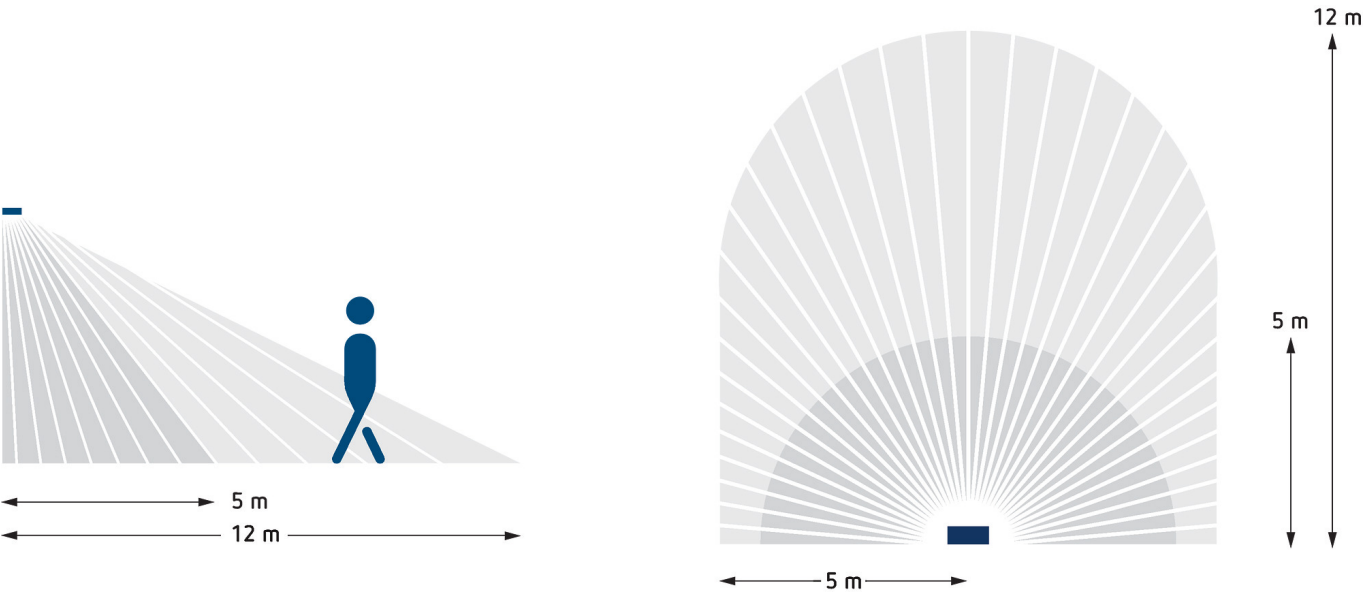


Connection example



Detection range for planning applications

| Mounting height (A) | Diagonally (t) | Head on to (R) |
|---------------------|----------------|----------------|
| 2.5 m | 12 m | 5 m |

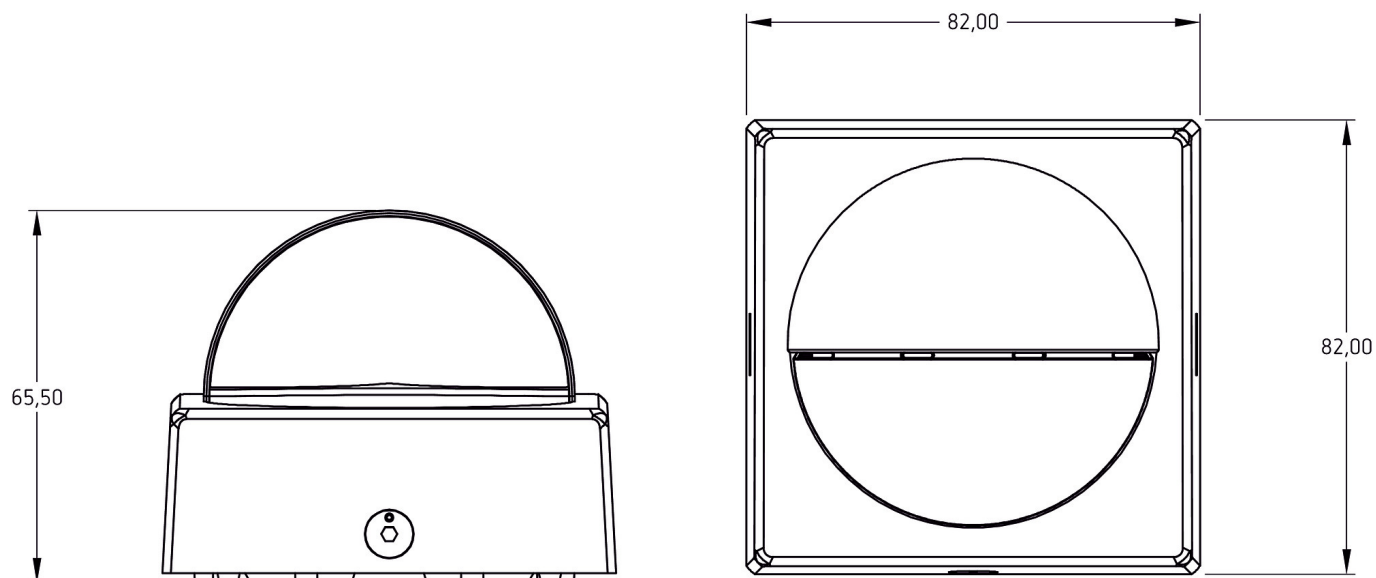


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Scale drawings



Accessories

Corner angle 10 WH

Item no.: 9070969



Spacer 10 WH

Item no.: 9070971



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