

# LUXA 103 S360-101-12 DE-UP WH

Item no.: 1030053

## Presence and motion detectors Ceiling installation indoor

### Description

- Passive infrared presence detector, ceiling installation as supplied or flush-mounting by means of removable springs/protection cap and enclosed mounting frame
- 1 channel light (relay 230 V) and 1 channel presence (relay potential-free for HVAC control)
- Circular detection area 360°, Ø 12 m (113 m<sup>2</sup>) at 3 m mounting height
- Extension of the detection area by parallel switching, a maximum of 8 detectors can be connected in parallel
- Networking with wall detector theMura Slave possible
- Connection option for push-button for manual switching
- Operation as fully or semi-automatic possible
- One directional brightness measurement (mixed light measurement)
- Teach-in function, pulse function, test function, staircase lighting function
- Ready for operation immediately due to factory presetting
- Changes of values and settings are possible with potentiometers and with one of these optional remote controls:
- App/universal remote control theSenda B
- Service remote control theSenda P
- Optional user remote control for manual override theSenda S/theSenda B
- Restriction of the detection range possible
- Also suitable for outdoor applications, by changing the installation location the detection range is reduced to Ø 8 m



### Technical data

| LUXA 103 S360-101-12 DE-UP WH |   |
|-------------------------------|---|
| Operating voltage             | 230 V AC                                |
| Frequency                     | 50 Hz                                   |
| Stand-by consumption          | ca. 0.5 W                               |
| Light measurement             | Mixed light measurement                 |
| Colour                        | White                                   |
| Switching output              | Light   Presence                        |
| Installation type             | Ceiling mounting, Indoor, Flush-mounted |
| Detection angle               | 360°                                    |
| Installation height           | 2.5 - 6 m                               |
| Light switch-off delay        | 15 s - 30 min                           |
| Presence switch-off delay     | 10 s - 120 min                          |
| Switch-on delay presence      | 0 s - 10 min                            |

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|--------------------------------|--|
| Incandescent/halogen lamp load | 2300 W   |
| Inrush current                 | max. 500 A / 200 µs  |
| LED lamp 2-8 W                 | 400 W  |
| LED lamp > 8 W                 | 400 W  |
| Lamp types                     | Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs |
| Detection range                | 113 m <sup>2</sup> (Ø 12 m)  |
| Detection range                | Round  |
| Remote controlled              | ✓  |
| Ambient temperature            | -25°C ... 55°C   |
| Type of protection             | IP 54 (when fitted)  |

Subject to technical changes and misprints

additional information at: [www.theben.de/product/1030053](http://www.theben.de/product/1030053)

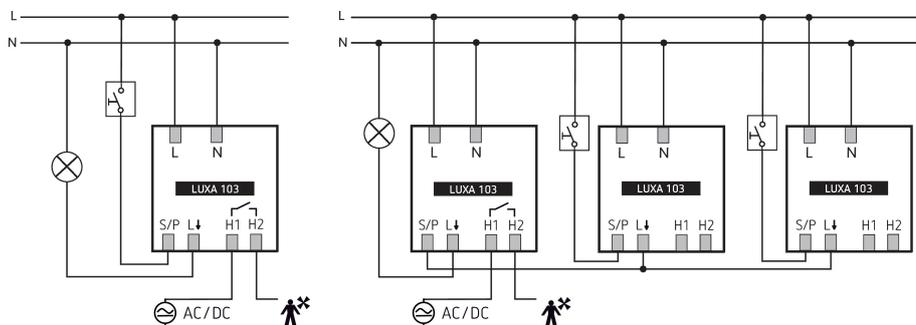
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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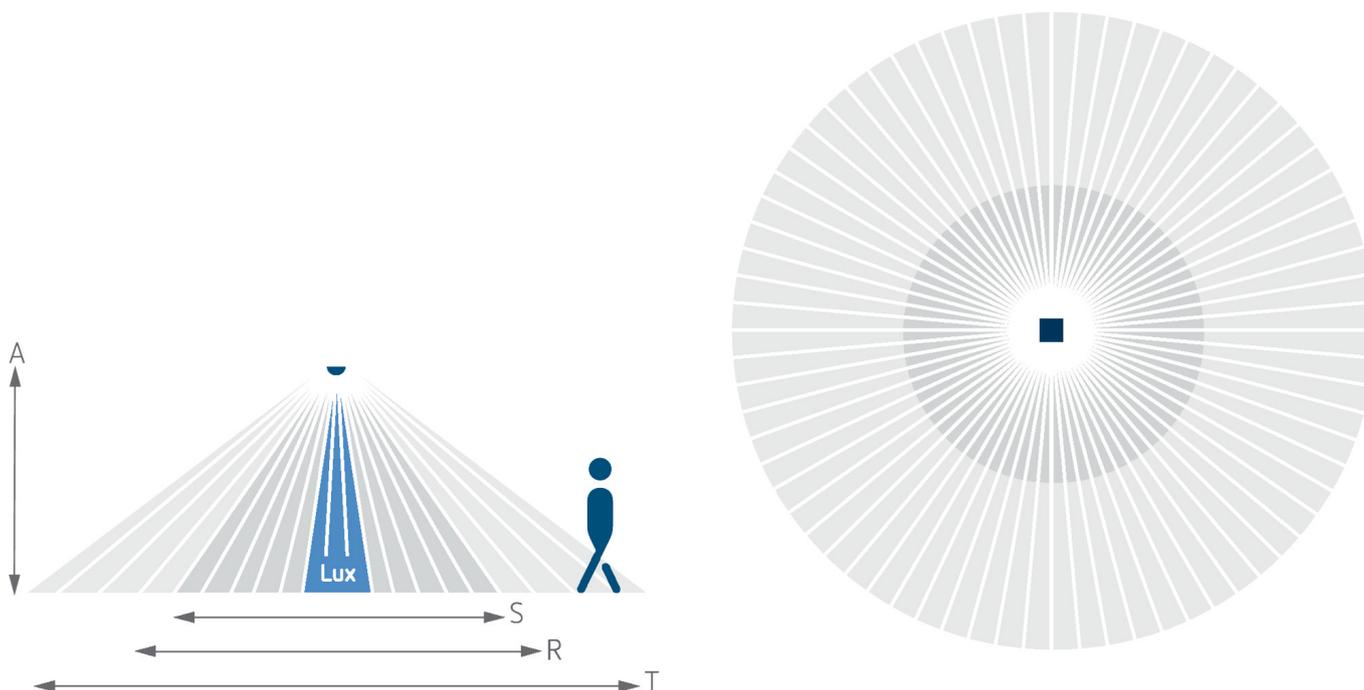


## Connection example



## Detection range for planning applications at a temperature of 21 °C

| Mounting height (A) | Sitting (S)             | Diagonally (T)            | Head on to (R)          |
|---------------------|-------------------------|---------------------------|-------------------------|
| 2.5 m               | 13 m <sup>2</sup>   4 m | 78 m <sup>2</sup>   10 m  | 28 m <sup>2</sup>   6 m |
| 3 m                 | 20 m <sup>2</sup>   5 m | 113 m <sup>2</sup>   12 m | 28 m <sup>2</sup>   6 m |
| 3.5 m               | 20 m <sup>2</sup>   5 m | 78 m <sup>2</sup>   10 m  | 28 m <sup>2</sup>   6 m |
| 4 m                 |                         | 78 m <sup>2</sup>   10 m  | 28 m <sup>2</sup>   6 m |
| 6 m                 |                         | 113 m <sup>2</sup>   12 m | 28 m <sup>2</sup>   6 m |



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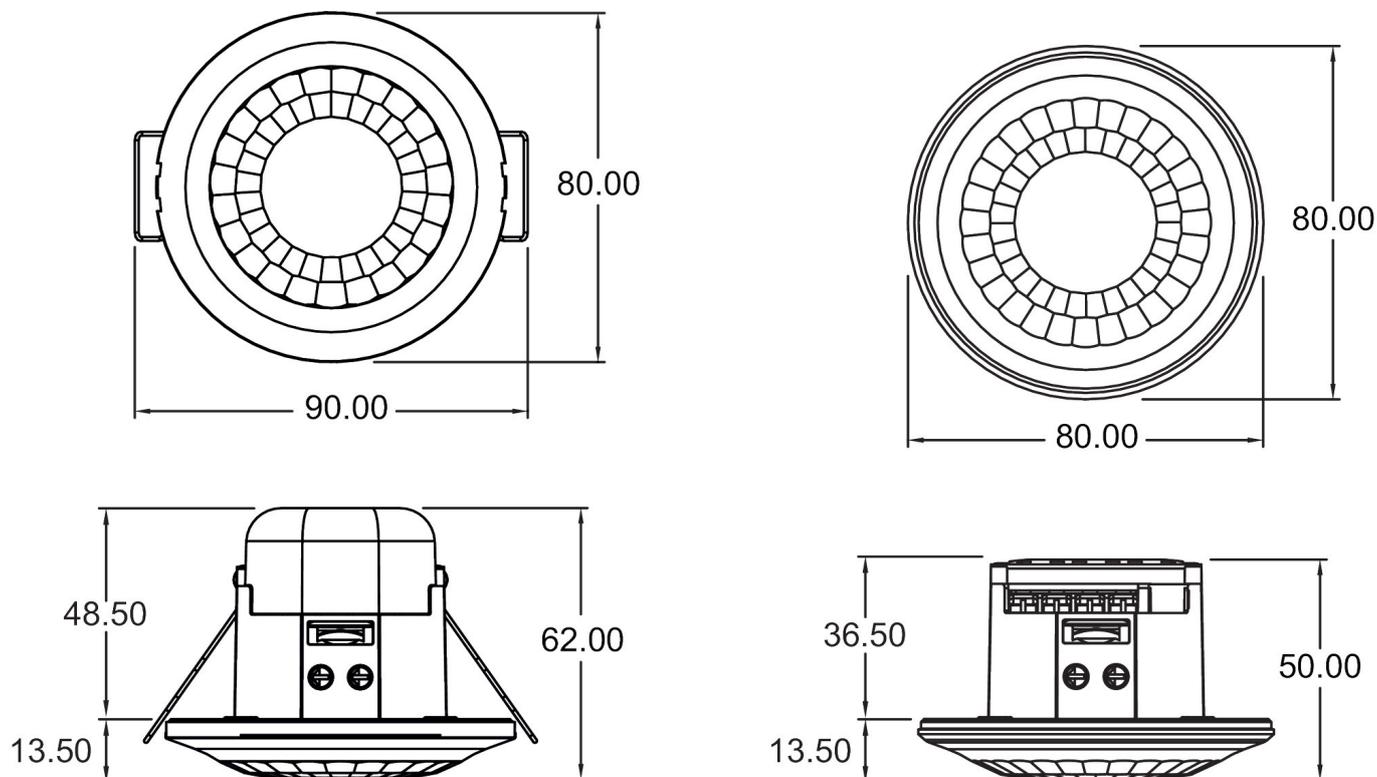
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## Scale drawings



## Accessories

**theSenda P**  
Item no.: 9070910



**theSenda S**  
Item no.: 9070911



**theSenda B**  
Item no.: 9070985



**Adapter set Switzerland**  
Item no.: 9070842



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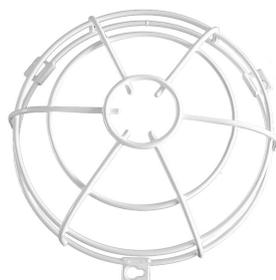
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## Accessories

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### QuickSafe

Item no.: 9070531



### Adapter set CH LUXA 103 WH

Item no.: 9080052



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