

LUXA 103 S360-100-12 DE-UP WH

Item no.: 1030052

theben

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)
- Circular detection area 360°, Ø 12 m (113 m²) 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 S360-100-12 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
Installation type	Ceiling mounting, Flush-mounted
Detection angle	360°
Installation height	2.5 - 6 m
Light switch-off delay	15 s - 30 min
Incandescent/halogen lamp load	2300 W
Inrush current	max. 500 A / 200 µs
LED lamp 2-8 W	400 W

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LED lamp > 8 W	400 W
Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Detection range	113 m² (Ø 12 m)
Detection range	Round
Remote controlled	✓
Ambient temperature	-25°C ... 55°C
Type of protection	IP 54 (when fitted)
GWP Cradle-to-Gate (A1-A3)	3.84 kg CO ₂ eq
GWP Cradle-to-Grave (A1-C4)	20.18 kg CO ₂ eq

Subject to technical changes and misprints

additional information at: www.theben.de/product/1030052

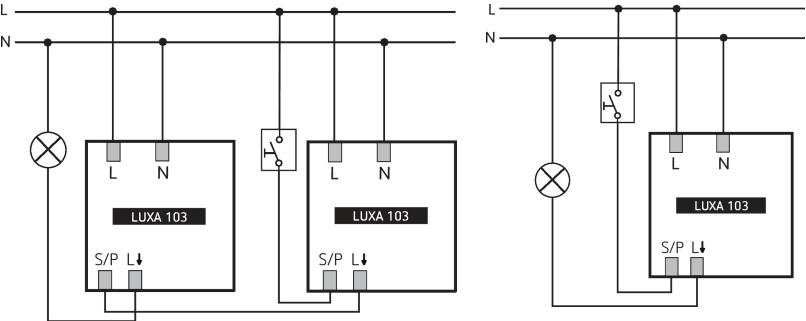
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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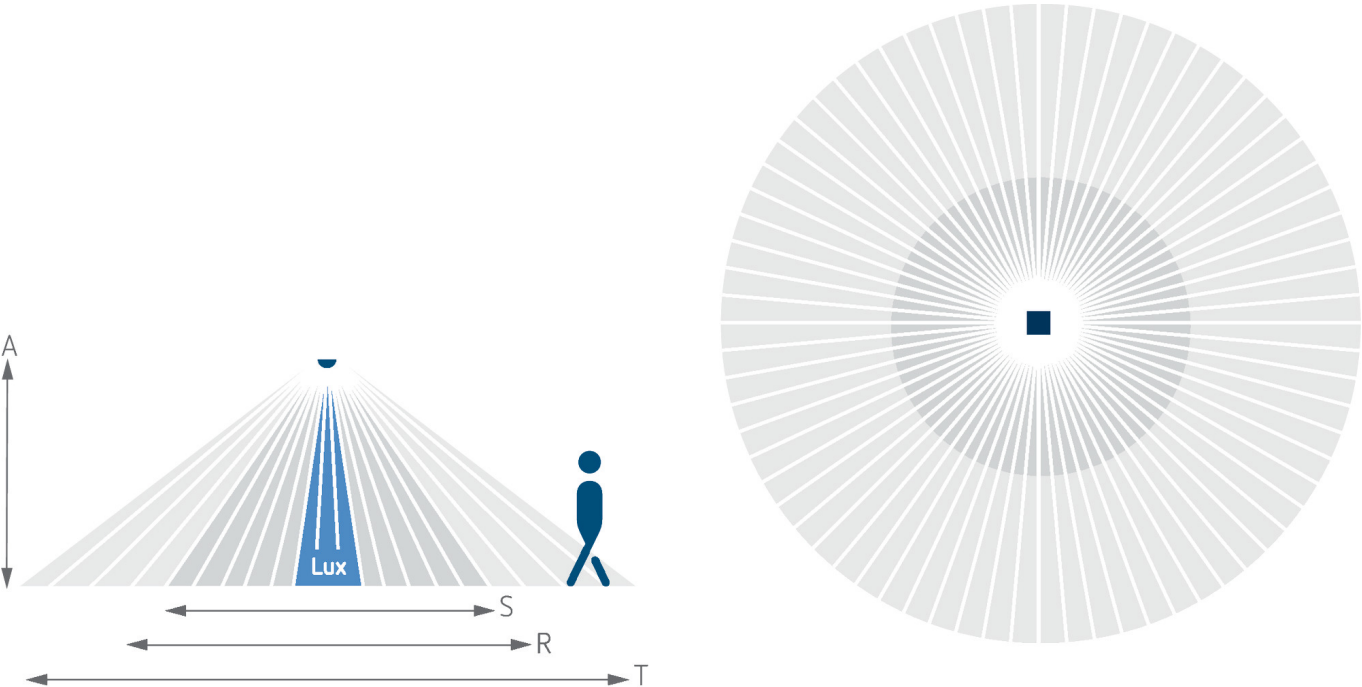


Connection example



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 m² 4 m	78 m² 10 m	28 m² 6 m
3 m	20 m² 5 m	113 m² 12 m	28 m² 6 m
3.5 m	20 m² 5 m	78 m² 10 m	28 m² 6 m
4 m		78 m² 10 m	28 m² 6 m
6 m		113 m² 12 m	28 m² 6 m

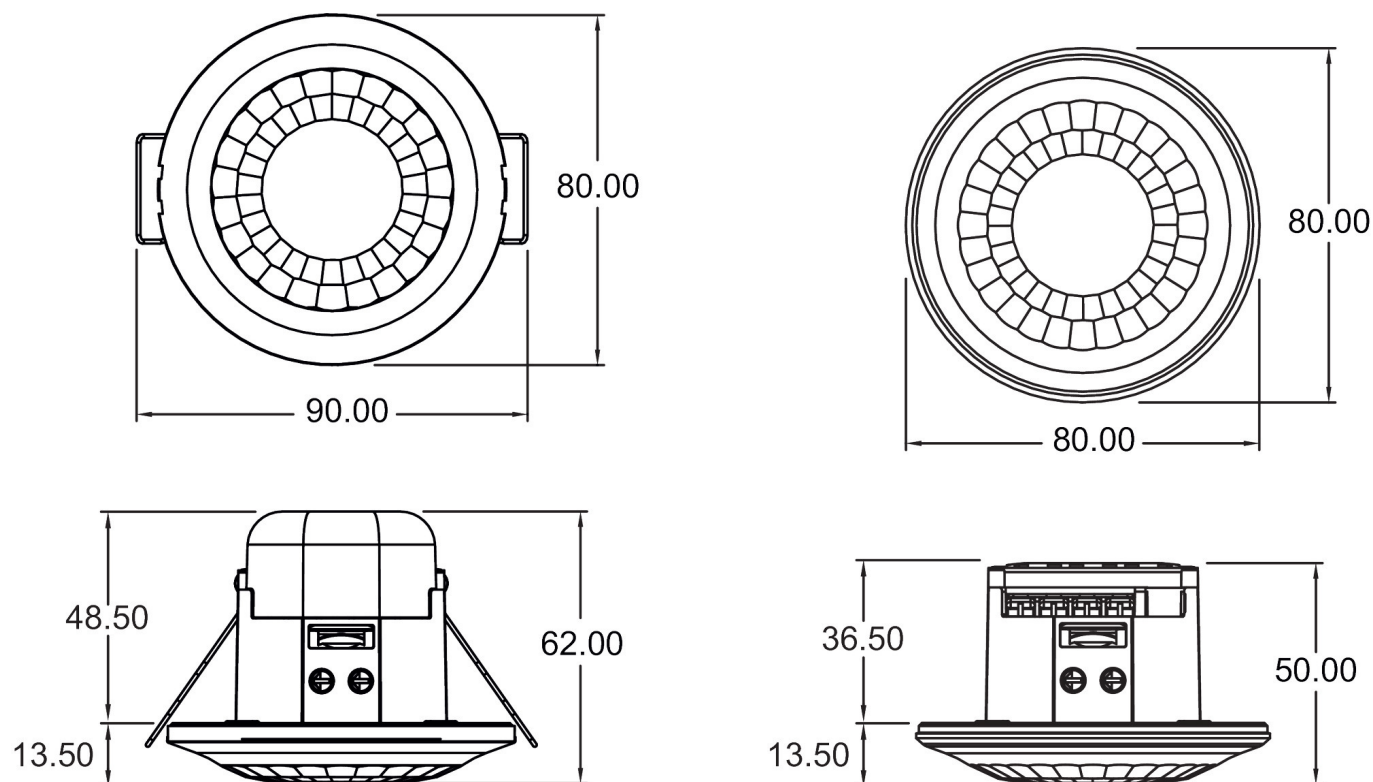


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Scale drawings



Accessories

theSenda P
Item no.: 9070910



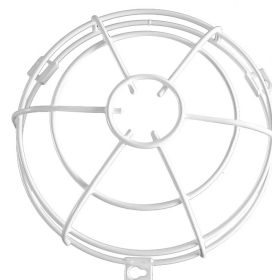
theSenda S
Item no.: 9070911



theSenda B
Item no.: 9070985



QuickSafe
Item no.: 9070531



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Accessories

Adapter set CH LUXA 103 WH

Item no.: 9080052

