

LUXA 103 S360-100-12 GST

Item no.: 1030055

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 GST	
Frequency	50 Hz
Stand-by consumption	ca.
Light measurement	Mixed light measurement
Colour	White
Switching output	Light
Installation type	Ceiling mounting, Indoor, Flush-mounted
Setting range brightness	5 lx
Detection angle	360°
Incandescent/halogen lamp load	2300 W
Inrush current	max. 500 A / 200 µs

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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 m² (Ø 12 m 360°)
Detection range	Round
Remote controlled	✓
Ambient temperature	55°C
Type of protection	IP 54 (when fitted)

Subject to technical changes and misprints

additional information at: www.theben.de/product/1030055

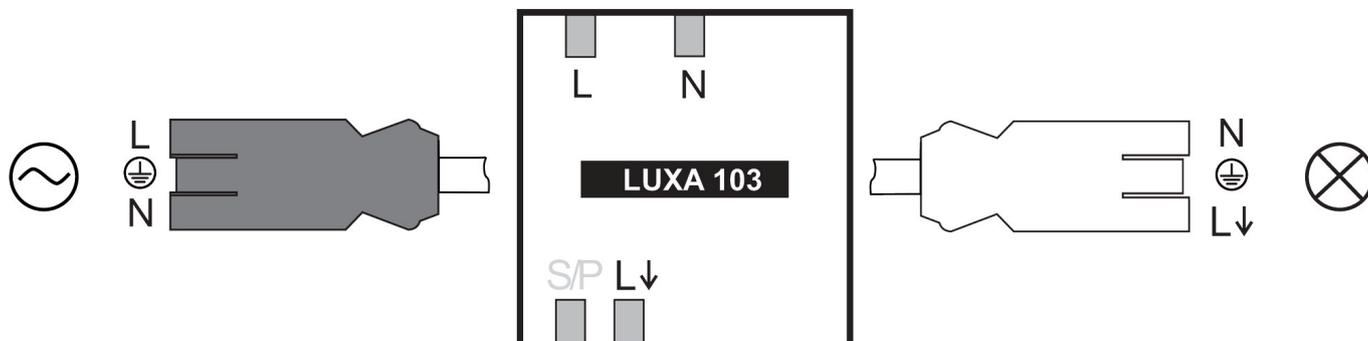
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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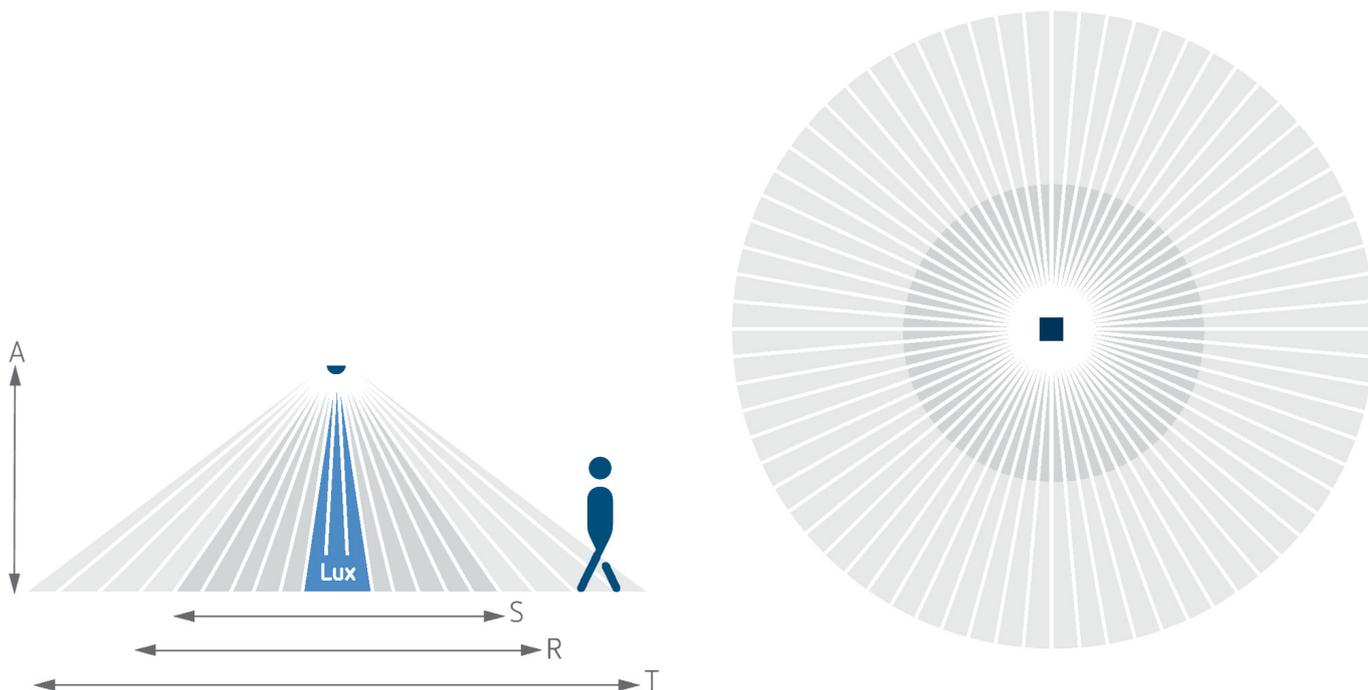


Connection example



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 ² 4 m	78 m ² 10 m	28 m ² 6 m
3 m	20 m ² 5 m	113 m ² 12 m	28 m ² 6 m
3.5 m	20 m ² 5 m	78 m ² 10 m	28 m ² 6 m
4 m		78 m ² 10 m	28 m ² 6 m
6 m		113 m ² 12 m	28 m ² 6 m



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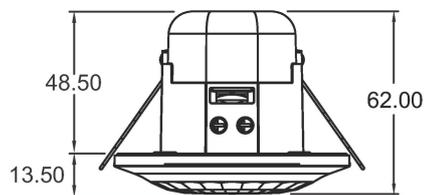
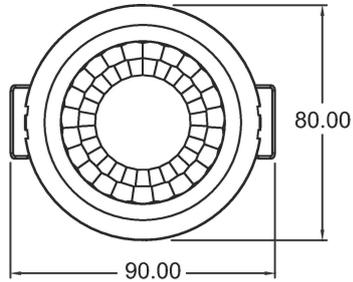
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Scale drawings



Cut-out \varnothing 60 mm

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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