theRonda S360-100 UP WH

Item no.: 2080520

theben

Presence and motion detectors
Ceiling installation indoor

Description

- Passive infra-red presence detector for flush-mounted ceiling installation
- Circular detection area 360°, up to Ø 8 m (50 m²) at mounting height 3 m
- 1 channel light (Relay, 230 V)
- Automatic presence- and brightness-dependent control for lighting
- Mixed light measurement suitable for fluorescent lamps (FL/PL/ESL), halogen/incandescent lamps and LEDs
- Choice of fully or semi-automatic operation
- Adjustable brightness switching value, teach-in function
- Reduction of switch-off delay time in the event of short presence (brief-presence)
- Connection option for sensors or switches for manual switching with automatic recognition of sensor/switch
- Pulse function for staircase light time switch
- Switch-on delay and switch-off delay configurable
- Sensitivity adjustable
- Detection area can be limited using cover clip
- Ready for immediate use due to factory preset
- An optional remote control is required for changing the values and attitudes
- Test mode for checking function and detection area
- Ceiling installation in flush-mounted socket
- Ceiling installation also possible with surface-mounted frame
- User remote control theSenda S, service remote control theSenda P, management remote control SendoPro (optional)

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Technical data

	theRonda S360-100 UP WH
Operating voltage	110 V AC - 230 V AC
Frequency	50 - 60 Hz
Installation height	2 - 4 m
Minimum height	1.7 m
Installation type	Ceiling installation, Indoor, Flush-mounted
Colour	White
Switching output	Light
Power consumption	~0.1 W
Light measurement	Mixed light measurement
Setting range brightness	30 - 3000 lx
Light switch-off delay	10 s - 60 min
Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Incandescent/halogen lamp load	2300 W

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Compact and flourescent lamps	1150 VA (cos φ = 0,5)
Inrush current	max. 800 A / 200 μs
LED lamp < 2 W	60 W
LED lamp 2-8 W	600 W
LED lamp > 8 W	600 W
Type of connection	Screw terminals
Max. cable cross section	max. 2 x 2,5 mm²
Size of concealed housing	55 mm
Detection range	50 m² (ø 8 m | 360°)
Detection angle	360°
Ambient temperature	-15°C ... 50°C
Impact resistance	IK04
Type of protection	IP 54 (when fitted)

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 m	5 m² | 2.5 m	38 m² | 7 m	5 m² | 2.5 m²
2.5 m	7 m² | 3 m	38 m² | 7 m	7 m² | 3 m
3 m	13 m² | 4 m	50 m² | 8 m	13 m² | 4 m
3.5 m	13 m² | 4 m	50 m | 8 m	13 m² | 4 m
4 m	13 m² | 4 m	64 m² | 9 m	13 m² | 4 m

Subject to technical changes and misprints

additional information at: www.theben.de/product/2080520

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.
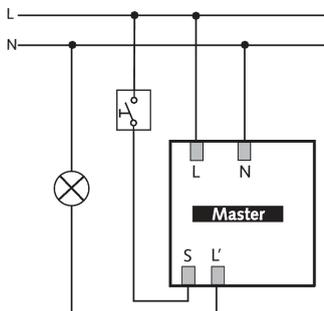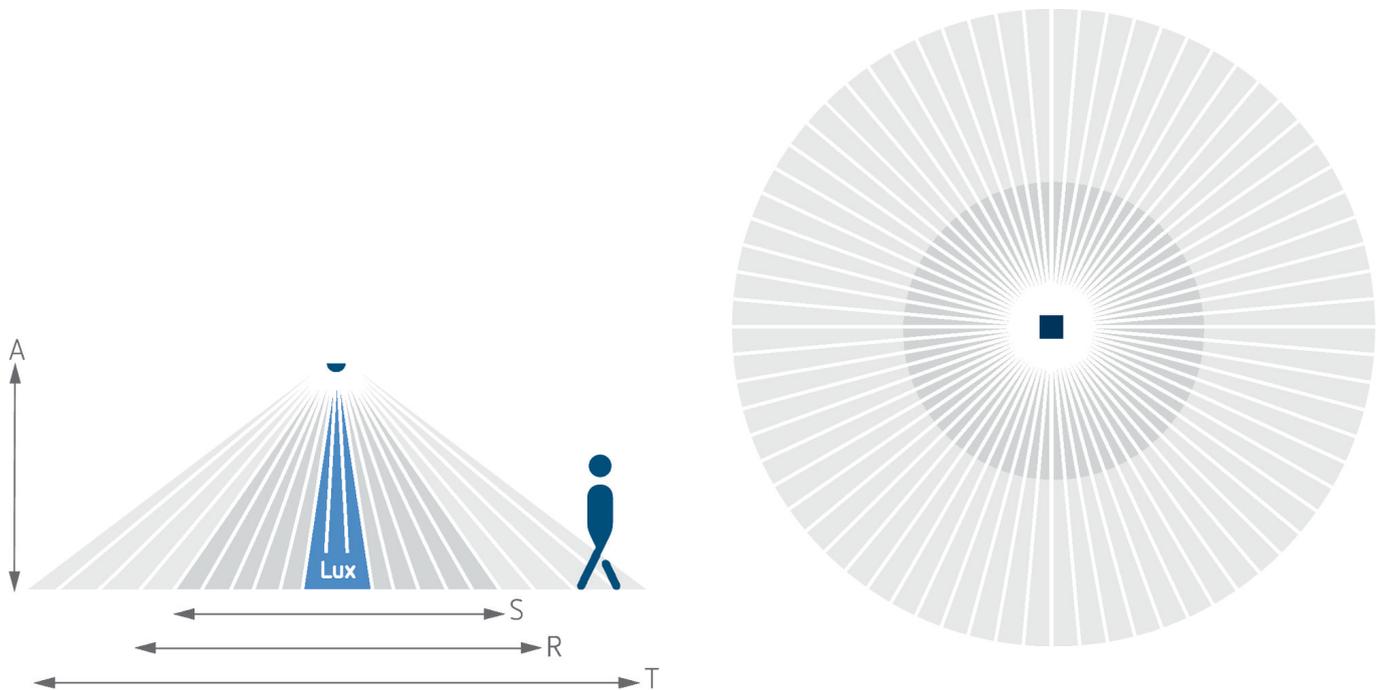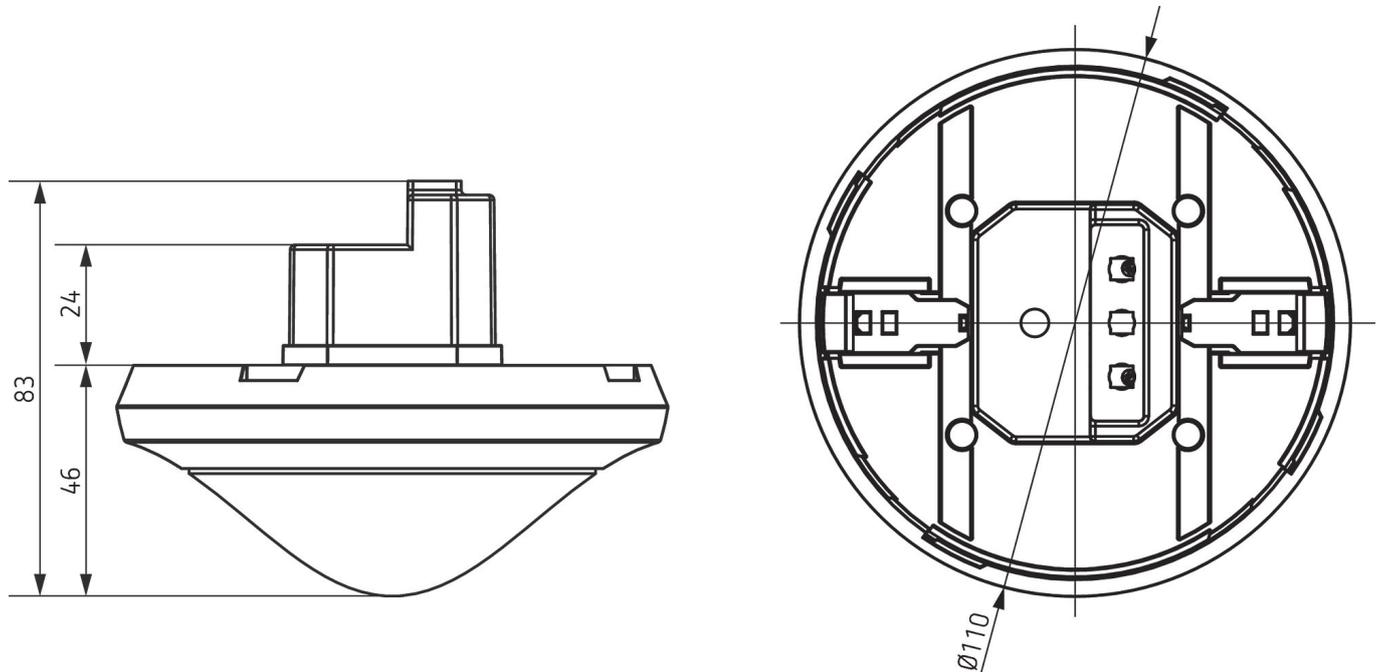
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Detection range for planning applications at a temperature of 21 °C

Detection range according to Sensnorm IEC 63180

Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	50 m² | 8 m	28 m² | 6 µm	20 m² | 5 m
4 m	79 m² | 10 m	71 m² | 9.5 m	

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Scale drawings

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Ø110

Accessories

theSenda P
Item no.: 9070910

theSenda S
Item no.: 9070911

Surface frame 110A GR
Item no.: 9070913

Surface frame 110A WH
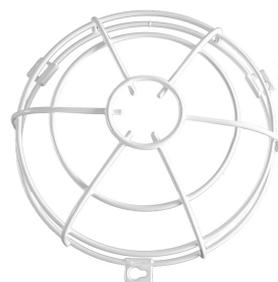Item no.: 9070912

Masking clip
Item no.: 9070921

QuickSafe
Item no.: 9070531

theSenda B
Item no.: 9070985

Cover 110 GR
Item no.: 9070591

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Accessories

Ceiling installation box 68A
Item no.: 9070992

Surface frame 110A BK
Item no.: 9070600

Cover 110 BK
Item no.: 9070851