

theRonda S360-101 FLAT DE WH

Item no.: 2080545

theben

Presence and motion detectors
Ceiling installation indoor

Description

- Passive infra-red presence detector for ceiling installation
- Circular detection area 360°, up to Ø 8 m (50 m²) at mounting height 3 m
- 1 channel light (Relay, 230 V) and 1 channel presence (Relay, floating for HVAC control)
- Automatic motion and brightness-dependent control for lighting and HVAC
- Mixed light measurement suitable for fluorescent lamps (FL/PL/ESL), halogen/incandescent lamps and LEDs
- Operation as fully automatic device
- Brightness switching value configurable, teach-in function
- Pulse function for staircase light time switch
- Channel H, presence: relay, floating e.g. for HVAC control
- Time delay configurable
- Detection sensitivity configurable
- Test mode for checking function and detection area
- Ready for immediate use due to factory presetting (Brightness switching value 300 lux, Time delay 10 min.)
- One of these optional remote controls is required for changing the values and attitudes:
 - Management remote control SendaPro
 - Installation remote control theSenda P
 - Optional user remote control: theSenda S



Subject to technical changes and misprints

additional information at: www.theben.de/product/2080545

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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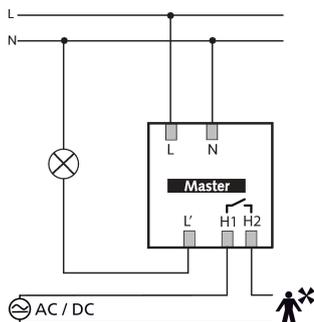
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Technical data

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Operating voltage	230 V AC	Inrush current	max. 400 A / 200 µs
Frequency	50 Hz	LED lamp < 2 W	25 W
Installation height	2 - 4 m	LED lamp 2-8 W	250 W
Minimum height	1.7 m	LED lamp > 8 W	250 W
Installation type	Ceiling mounting, Indoor, Flush-mounted	Switching capacity presence	50 W / 50 VA (max. 2 A), min. 0,5 mV / 10mA
Colour	White	Type of connection	Screw terminals
Switching output	Light Presence	Max. cable cross section	max. 2 x 2,5 mm ²
Light measurement	Mixed light measurement	Detection range	50 m ² (ø 8 m 360°)
Setting range brightness	30 - 3000 lx	Detection angle	360°
Light switch-off delay	10 s - 60 min	Ambient temperature	-15°C ... 50°C
Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs	Type of protection	IP 54 (when fitted)
Incandescent/halogen lamp load	2300 W		

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 m ² 2.5 m	38 m ² 7 m	5 m ² 2.5 m
2.5 m	7 m ² 3 m	38 m ² 7 m	7 m ² 3 m
3 m	13 m ² 4 m	50 m ² 8 m	13 m ² 4 m
3.5 m	13 m ² 4 m	50 m ² 8 m	13 m ² 4 m
4 m	13 m ² 4 m	50 m ² 8 m	13 m ² 4 m

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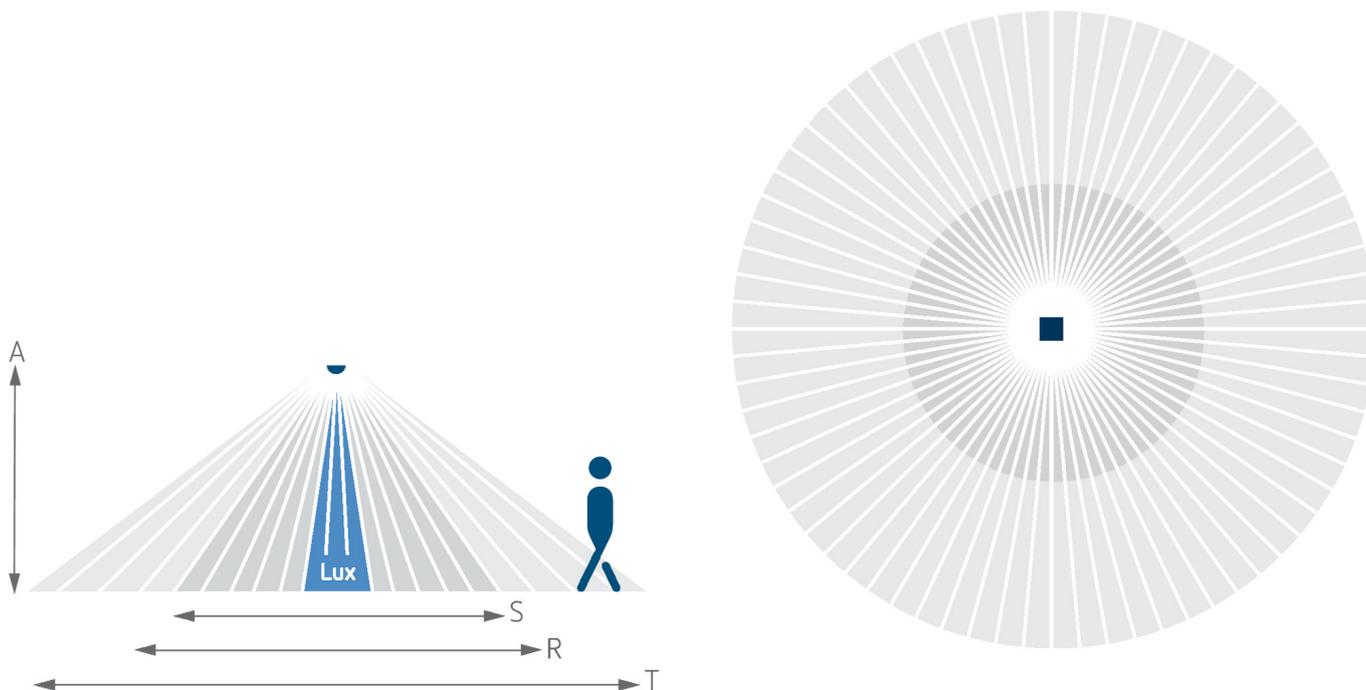
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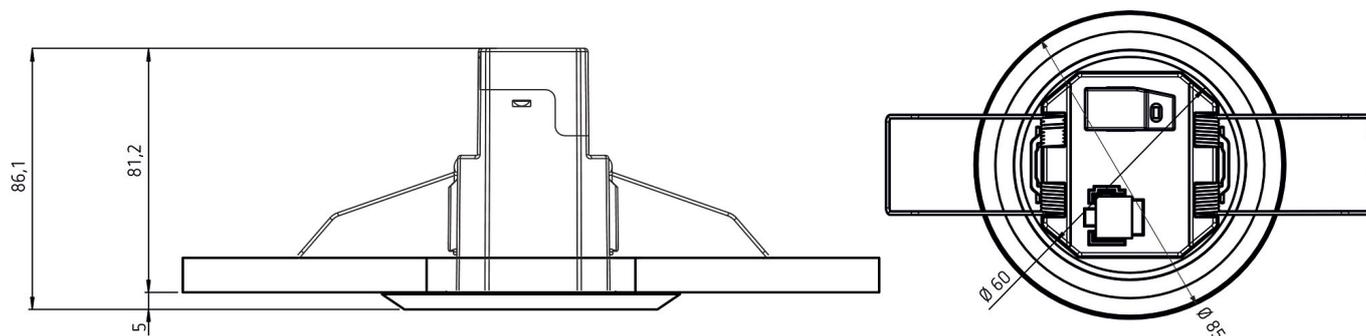
Detection range for planning applications at a temperature of 21 °C



Detection range according to Sensnorm IEC 63180

Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	39 m ² 7 m	28 m ² 6 m	24 m ² 5.5 m
4 m	85 m ² 10.4 m	79 m ² 10 m	

Scale drawings



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Accessories

theSenda P

Item no.: 9070910



theSenda S

Item no.: 9070911



theSenda B

Item no.: 9070985



Cover FLAT 85 GR

Item no.: 9070597



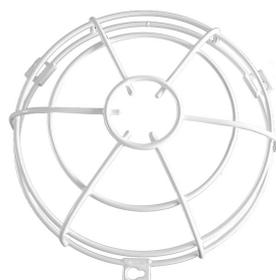
Cover FLAT 85 BK

Item no.: 9070853



QuickSafe

Item no.: 9070531



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