theRonda S360-101 DE WH

Item no.: 2080565

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 SendoPro
- Installation remote control theSenda P
- Optional user remote control: theSenda S





Technical data

	theRonda S360-101 DE WH
Operating voltage	230 V AC
Frequency	50 Hz
Installation height	2 - 4 m
Minimum height	1.7 m
Installation type	Ceiling mounting
Colour	White (similar RAL 9010)
Switching output	Light | Presence
Light measurement	Mixed light measurement
Setting range brightness	30 - 3000 lx
Light switch-off delay	10 s - 60 min

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Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Incandescent/halogen lamp load	2300 W
Inrush current	max. 400 A / 200 µs
LED lamp < 2 W	25 W
LED lamp 2-8 W	250 W
LED lamp > 8 W	250 W
Switching capacity presence	50 W / 50 VA (max. 2 A), min. 0,5 mV / 10mA

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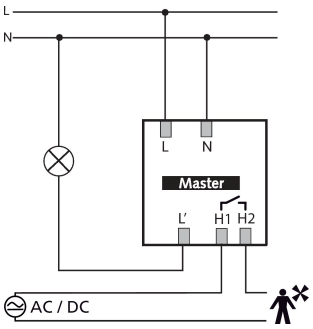
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Technical data

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Type of connection	Screw terminals
Max. cable cross section	max. 2 x 2,5 mm²
Detection range	50 m² (ø 8 m)
Detection angle	360°
Cut-out	68 mm

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Ambient temperature	-15°C ... 50°C
Type of protection	IP 54 (when fitted)
GWP Cradle-to-Gate (A1-A3)	3.7 kg CO_2 eq
GWP Cradle-to-Grave (A1-C4)	20.11 kg CO_2 eq

Wiring Diagrams



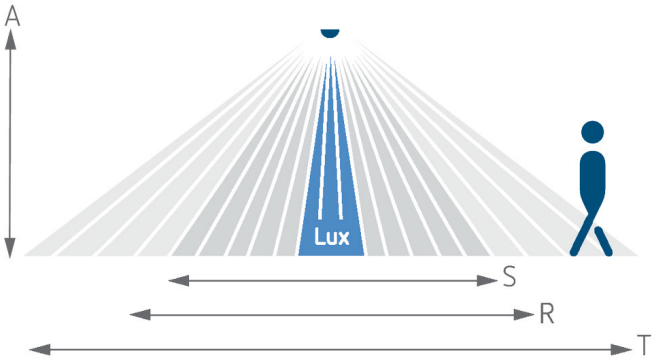
Detection Area for planning applications at a temperature of 21 °C

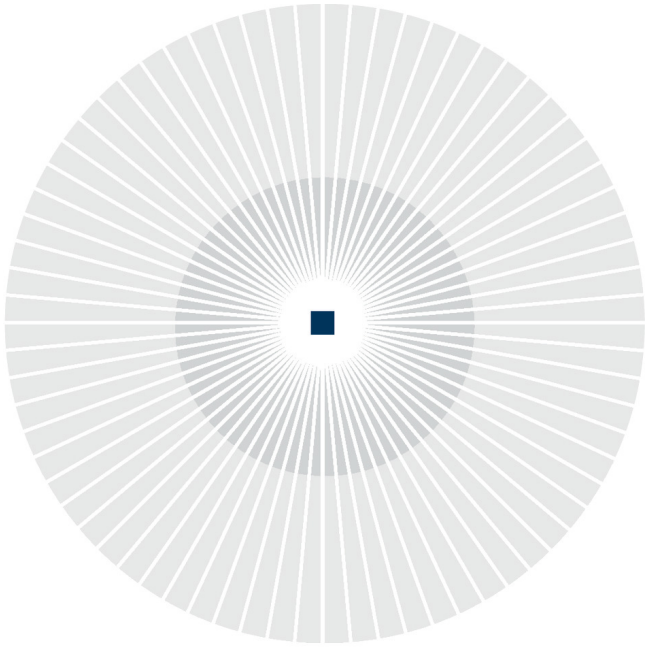
Mounting height (A)	Sitting (S)	Diagonally (T)	Head on to (R)
2 m	5 m² | 2.5 m	38 m² | 7 m	5 m² | 2.5 m
2.5 m	7 m² | 3 m	38 m² | 7 m	7 m² | 3 m
3 m	13 m² | 4 m	50 m² | 8 m	13 m² | 4 m
3.5 m	13 m² | 4 m	50 m² | 8 m	13 m² | 4 m
3 km	13 m² | 4 m	64 m² | 9 m	13 m² | 4 m

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

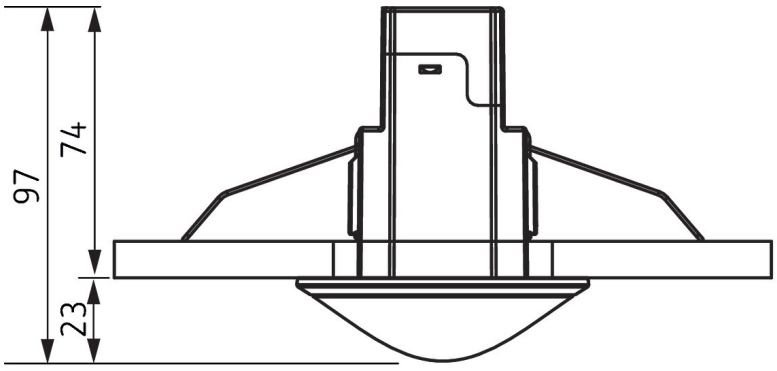


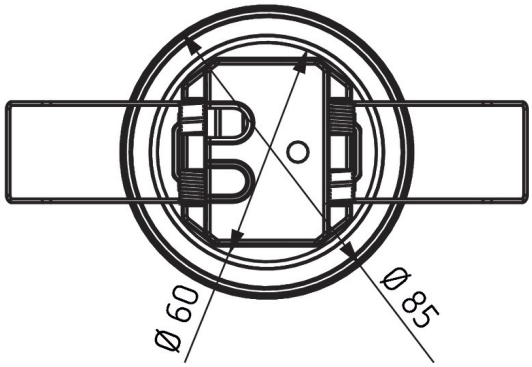


Detection Area according to Sensnorm IEC 63180

Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	28 m² | 6 m	28 m² | 6 m	20 m² | 5 m
4 m	95 m² | 11 m	79 m² | 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 85 GR
Item no.: 9070594



Cover 85 BK
Item no.: 9070852



QuickSafe
Item no.: 9070531

