theRonda S360-101 UP WH

Item no.: 2080525

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) and 1 channel presence (Relay, floating for HVAC control)
- Automatic presence- and brightness-dependent control for lighting and HVAC
- 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
- Channel H, presence: relay, floating
- e.g. for HVAC control
- 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
- Extension of detection area via Master/Slave or Master/Master switching, a maximum of 10 detectors can be switched in parallel with each other
- 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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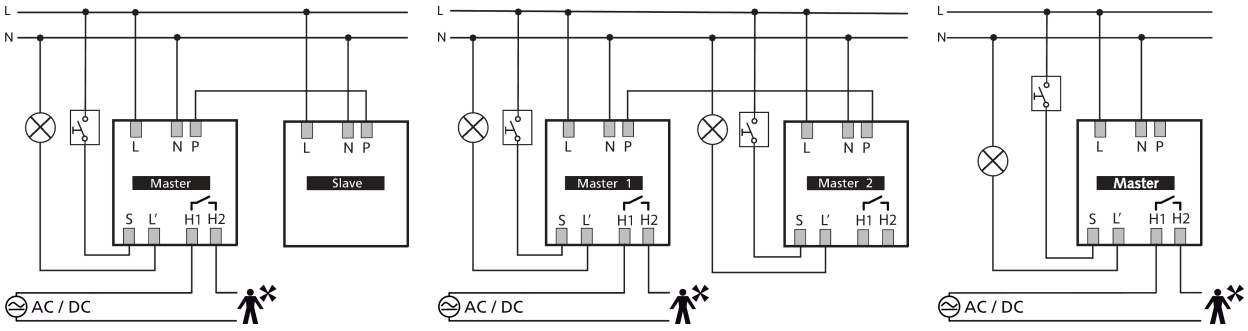
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Technical data

	theRonda S360-101 UP WH
Operating voltage	110 - 230 V AC
Frequency	50 - 60 Hz
Installation height	2 - 4 m
Minimum height	1.7 m
Installation type	Ceiling installation, Flush-mounted
Colour	White (similar RAL 9010)
Switching output	Light | Presence
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
Compact and flourescent lamps	1150 VA (cos φ = 0,5)
Inrush current	max. 800 A / 200 µs

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LED lamp < 2 W	60 W
LED lamp 2-8 W	600 W
LED lamp > 8 W	600 W
Switch-on delay presence	0 s - 10 min / Room surveillance
Presence switch-off delay	10 s - 120 min
Switching capacity presence	50 W / 50 VA (max. 2 A), min. 0,5 mV / 10mA
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)
Detection angle	360°
Ambient temperature	-15°C ... 50°C
Type of protection	IP 54 (when fitted)
GWP Cradle-to-Gate (A1-A3)	4.98 kg CO_2 eq
GWP Cradle-to-Grave (A1-C4)	8.59 kg CO_2 eq

Wiring Diagrams



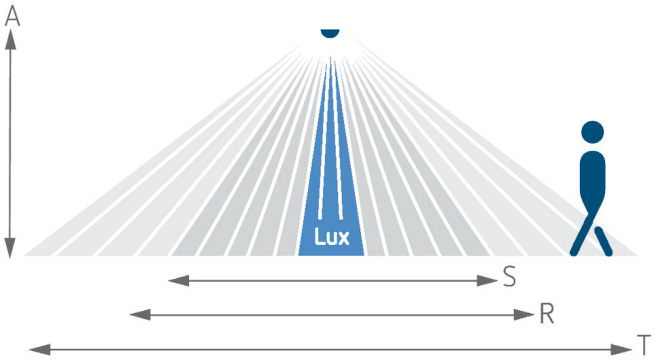
Detection Area for planning applications at a temperature of 21 °C

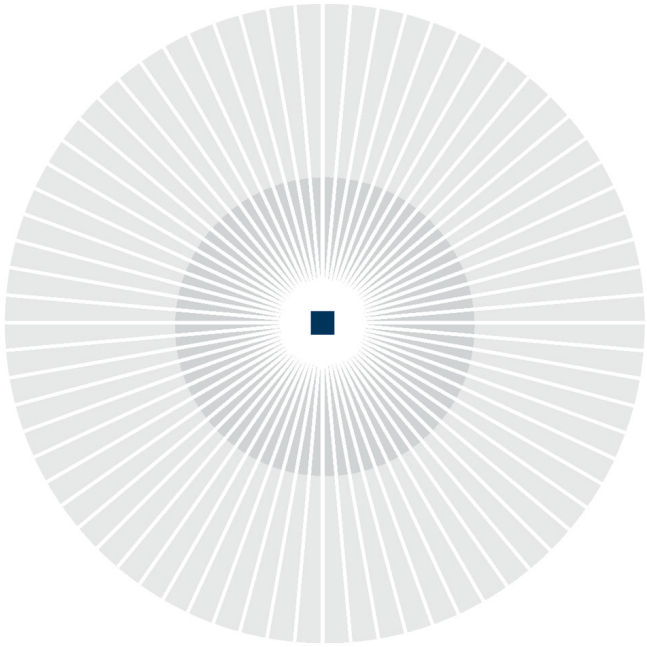
Mounting height (A)	Sitting (S)	Diagonally (T)	Head on to (R)
2 m	5 m² | 2.5 m	38 m² | 7 m	5 m² | 2.5 m²
2.5 m	7 m² | 3 m	38 m² | 7 m	7 m² | 3 m
3 m	13 m² | 4 m	50 m² | 8 m	13 m² | 4 m
3.5 m	13 m² | 4 m	50 m | 8 m	13 m² | 4 m
4 m	13 m² | 4 m	64 m² | 9 m	13 m² | 4 m

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





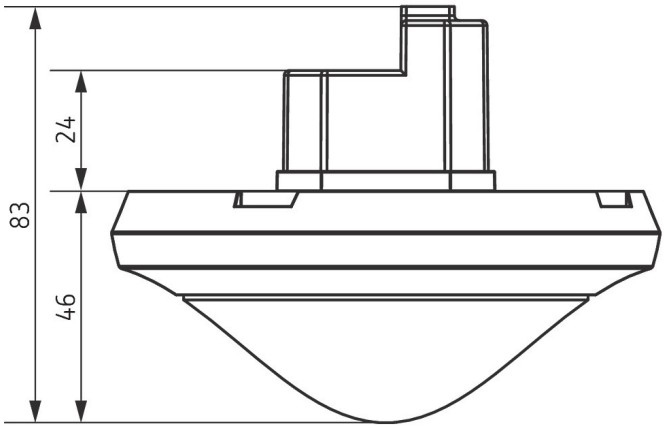
Detection Area according to Sensnorm IEC 63180

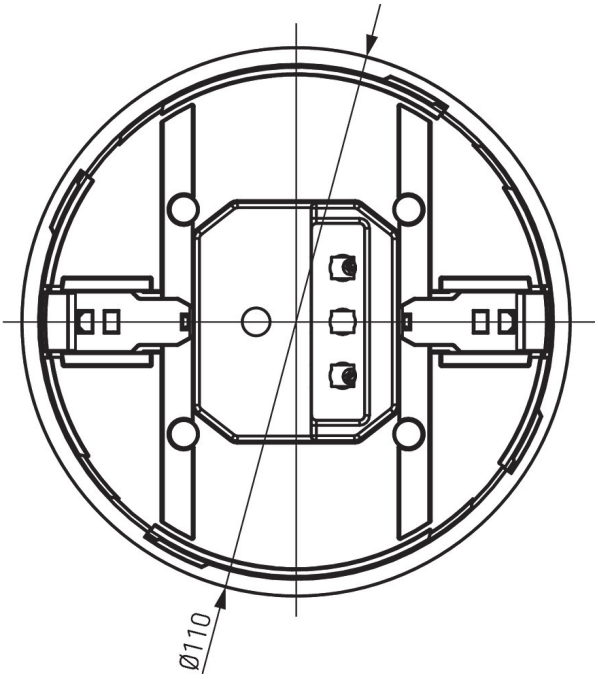
Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	50 m² | 8 m	28 m² | 6 m	20 m² | 5 m
4 m	79 m² | 10 m	71 m² | 9.5 m	

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Scale Drawings





Accessories

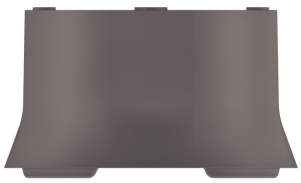
theSenda P
Item no.: 9070910



theSenda S
Item no.: 9070911



Surface frame 110A GR
Item no.: 9070913

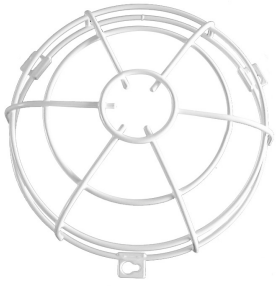


Surface frame 110A WH
Item no.: 9070912



Masking clip
Item no.: 9070921

QuickSafe
Item no.: 9070531



theSenda B
Item no.: 9070985



Cover 110 GR
Item no.: 9070591



Accessories

Ceiling installation box 68A
Item no.: 9070992



Surface frame 110A BK
Item no.: 9070600



Cover 110 BK
Item no.: 9070851

