theRonda S360-100 AP BK

Item no.: 2080552

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)
- Automatic motion and brightness-dependent control for lighting
- 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
- 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

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Operating voltage	230 V AC
Frequency	50 Hz

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Installation height	2 - 4 m
Minimum height	1.7 m

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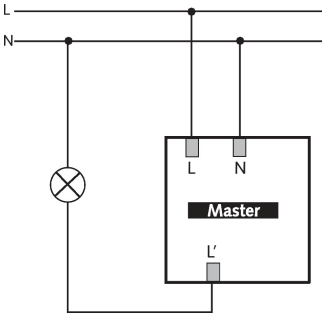
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Technical data

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Installation type	Ceiling installation, Surface mounted
Colour	Black (similar RAL 9005)
Switching output	Light
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
Inrush current	max. 400 A / 200 µs
LED lamp < 2 W	25 W

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LED lamp 2-8 W	250 W
LED lamp > 8 W	250 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)
Detection angle	360°
Ambient temperature	-15°C ... 50°C
Type of protection	IP 54 (when fitted)
GWP Cradle-to-Gate (A1-A3)	4.79 kg CO_2 eq
GWP Cradle-to-Grave (A1-C4)	21.29 kg CO_2 eq

Wiring Diagrams



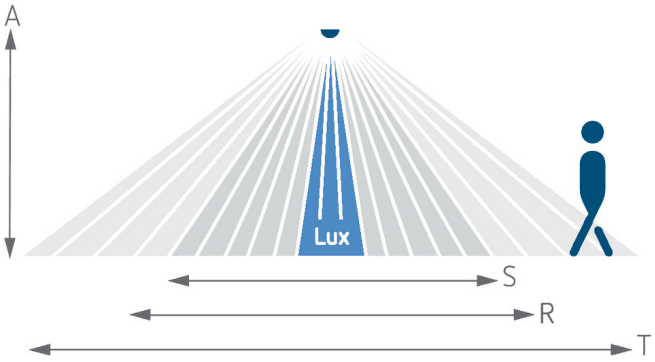
Detection Area for planning applications at a temperature of 21 °C

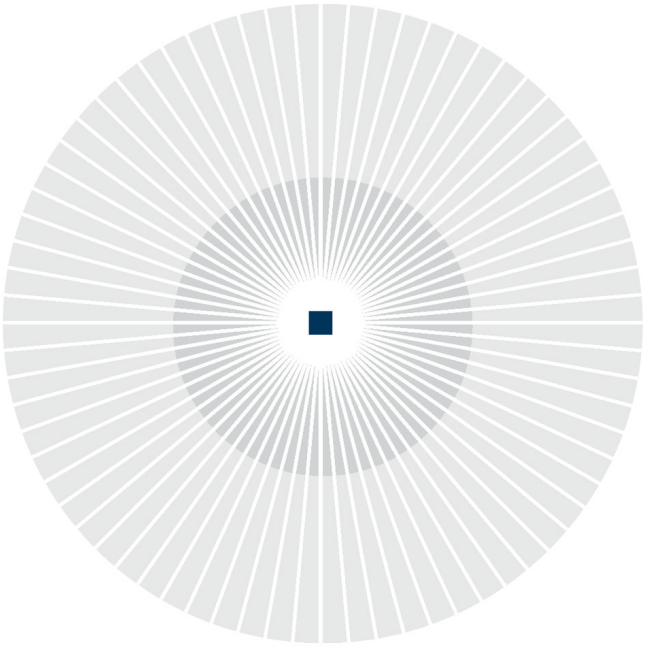
Mounting height (A)	Sitting (S)	Diagonally (T)	Head on to (R)
2 m	5 m² | 2.5 m	38 m² | 7 m	5 m² | 2,5 m
2.5 m	7 m² | 3 m	38 m² | 7 m	7 m² | 3 m
3 m	13 m² | 4 m	50 m² | 8 m	13 m² | 4 m
3.5 m	13 m² | 4 m	50 m² | 8 m	13 m² | 4 m
4 m	13 m² | 4 m	64 m² | 9 m	13 m² | 4 m

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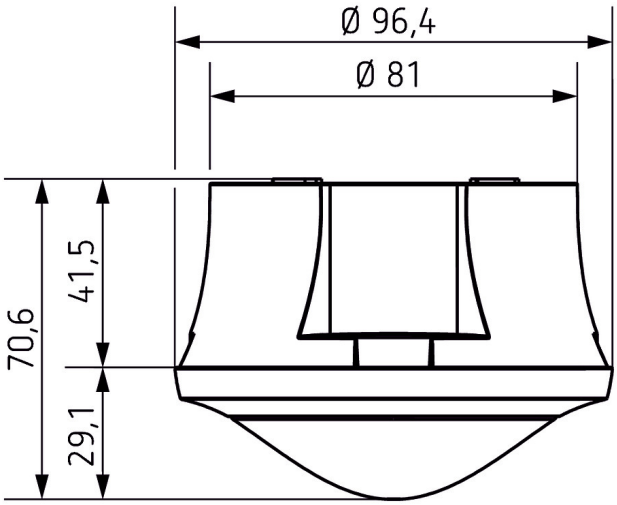
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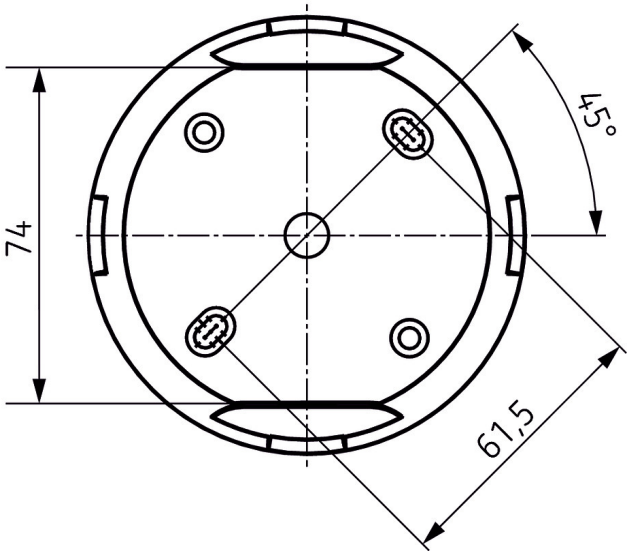
Detection Area for planning applications at a temperature of 21 °C





Scale Drawings





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Accessories

theSenda P
Item no.: 9070910



theSenda S
Item no.: 9070911



theSenda B
Item no.: 9070985



QuickSafe
Item no.: 9070531

