

theRonda S360-100 UP WH

Item no.: 2080520

Presence and motion detectors Indoor detectors

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 SendaPro (optional)



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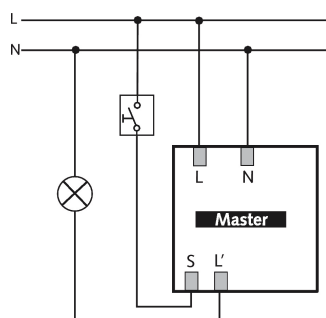
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Technical data

theRonda S360-100 UP WH		theRonda S360-100 UP WH	
Operating voltage	110 – 230 V AC	Incandescent/halogen lamp load	2300 W
Frequency	50 – 60 Hz	Compact and fluorescent lamps	1150 VA (cos ϕ = 0,5)
Installation height	2 – 4 m	Inrush current	max. 800 A / 200 μ s
Minimum height	> 1,7 m	LED lamp < 2 W	60 W
Installation type	Ceiling installation	LED lamp 2-8 W	600 W
Colour	White	LED lamp > 8 W	600 W
Switching output	Light	Type of connection	Screw terminals
Stand-by consumption	~0.1 W	Max. cable cross section	max. 2 x 2,5 mm ²
Light measurement	Mixed light measurement	Size of concealed housing	\varnothing 55 mm (NIS, PMI)
Setting range brightness	30 – 3000 lx	Detection range	50 m ² (\varnothing 8 m 360°)
Light switch-off delay	10 s – 60 min	Ambient temperature	-15°C ... 50°C
Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs	Type of protection	IP 54 (when fitted)

Connection example



Detection range for planning applications

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
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		50 m 8 m	13 m ² 4 m
4 m		64 m ² 9 m	13 m ² 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.

23/02/2021

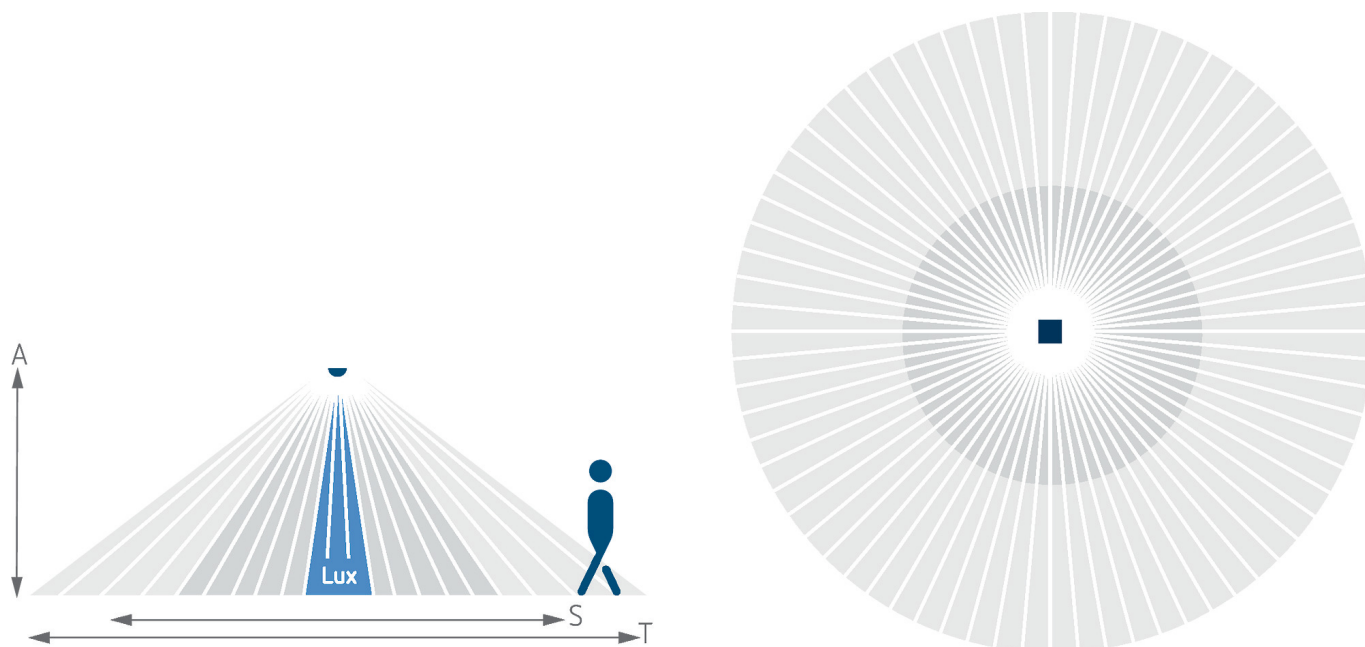
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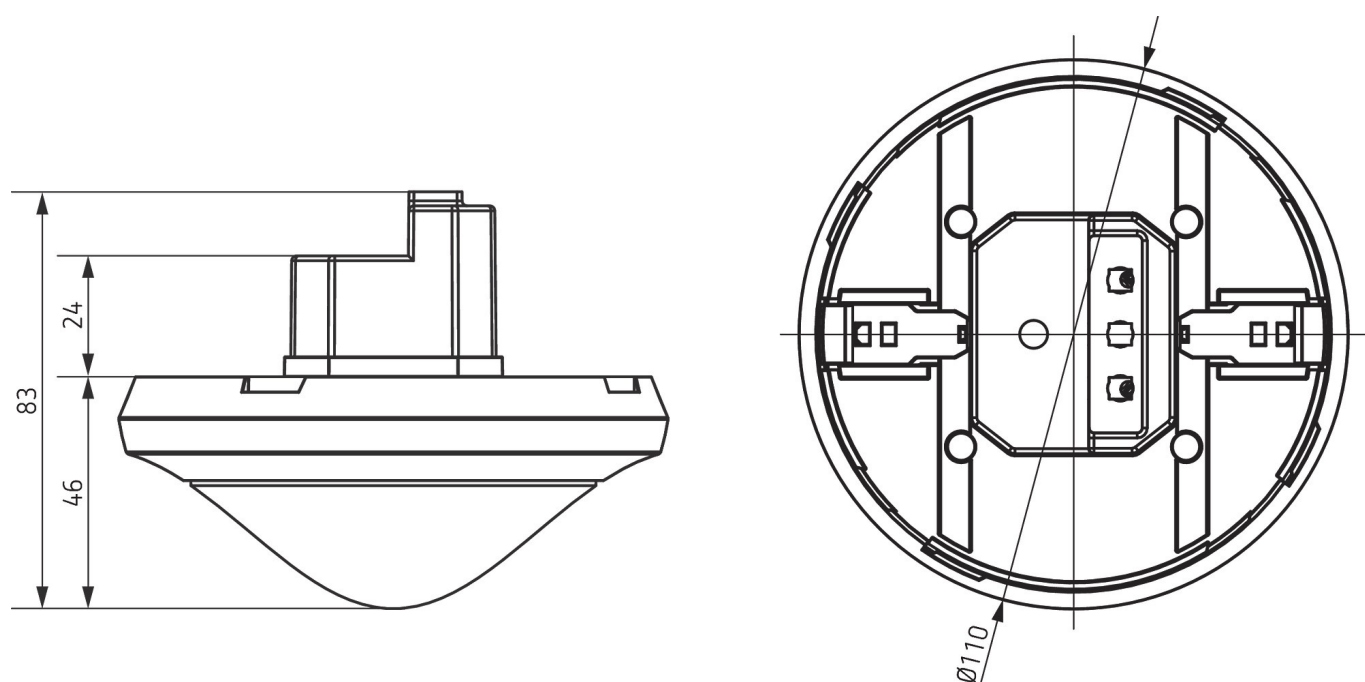
Detection range for planning applications



Detection range according to Sensnorm IEC 63180

Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	50 m ² 8 m	28 m ² 6 µm	20 m ² 5 m
4 m	79 m ² 10 m	71 m ² 9.5 m	

Scale drawings



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Accessories

theSenda P

Item no.: 9070910



theSenda S

Item no.: 9070911



Surface frame 110A WH

Item no.: 9070912



theSenda B

Item no.: 9070985



Cover 110 GR

Item no.: 9070591



Ceiling installation box 68A

Item no.: 9070992



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