theRonda S360 KNX UP WH

Item no.: 2089520

Presence and motion detectors
Ceiling installation indoor

Description

- KNX Passive infrared presence detector for ceiling installation
- Circular detection area 360°, up to Ø 8 m (50 m²) at 3 m installation height
- Automatic presence- and brightnessdependent control for lighting and HVAC
- Mixed light measurement suitable for fluorescent (FL/PL/ESL), halogen/incandescent lamps and LEDs
- 2 light channels C1, C2
- Switching operation or constant light control with standby function (orientation light)
- Switching mode with dimmable lighting
- Choice of fully or semi-automatic
- Brightness switching value or set point value can be set in lux by using parameters, the object or via remote control
- Teach-in of the brightness switching value or the set point value
- Reduction of time delay when present briefly (short-term presence)
- Manual override by telegram or remote control
- 2 presence channels C4, C5, individually configurable
- Switch-on delay and time delay configurable
- Setting the room correction factor for brightness measurement comparison
- Adjustable sensitivity
- Test mode for checking function and detection area
- Scenes
- Parallel switching of multiple presence detectors (Master/Slave or Master/Master)
- Ceiling installation in flush-mounted socket
- Ceiling installation also possible with surface-mounted frame
- User remote control «theSenda S» (option)
- Management remote control «theSenda B» (option)
- Installation remote control «theSenda P» (option)





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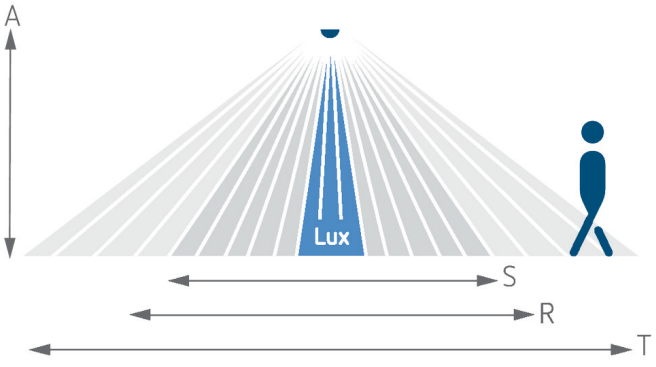
Technical data

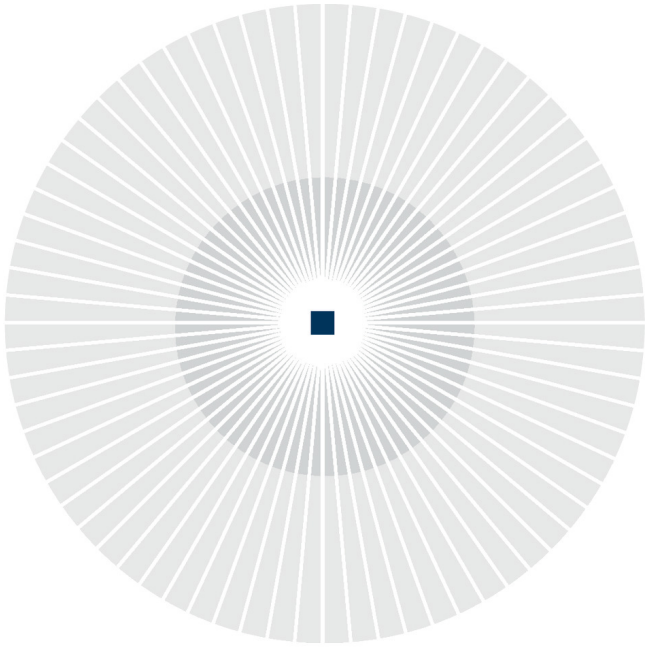
	theRonda S360 KNX UP WH
Installation height	2 - 4 m
Minimum height	1.7 m
Detection angle	360°
Type of connection	KNX bus terminal
Installation type	Ceiling installation, Flush-mounted
Light switch-off delay	30 s - 60 min
Light measurement	Mixed light measurement
Presence switch-off delay	10 s - 120 min

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Switch-on delay presence	10 s - 30 min / inactive
Ambient temperature	-15°C ... 50°C
Detection range	50 m² (ø 8 m)
Colour	White (similar RAL 9010)
Type of protection	IP 54 (when fitted)
GWP Cradle-to-Gate (A1-A3)	4.61 kg CO_2 eq
GWP Cradle-to-Grave (A1-C4)	14.63 kg CO_2 eq

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 µm | 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





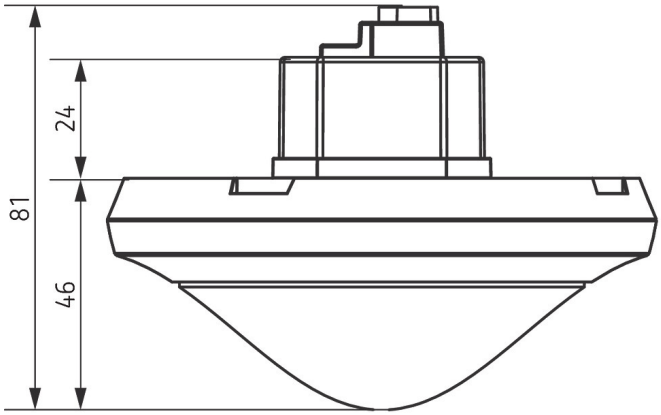
Detection Area according to Sensnorm IEC 63180

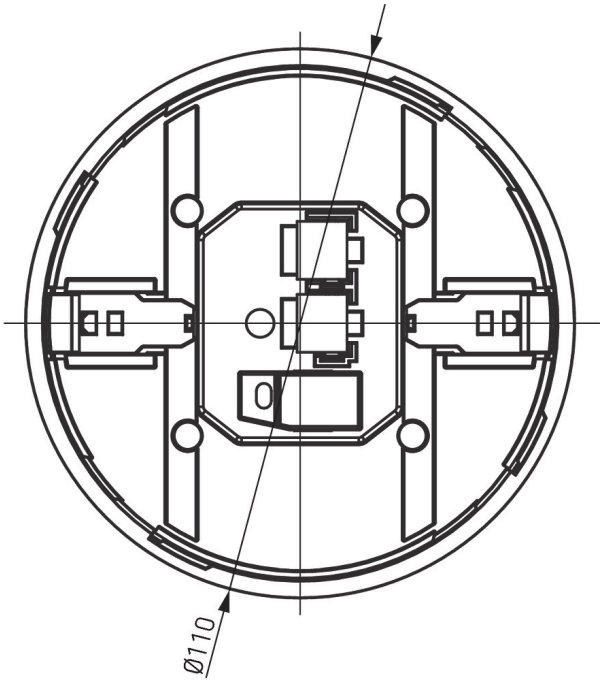
Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	39 m² | 7 m	28 m² | 6 m	24 m² | 5.5 m
4 m	85 m² | 10.4 m	79 m² | 10 m	

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Scale Drawings





Accessories

theSenda P
Item no.: 9070910



theSenda S
Item no.: 9070911



Surface frame 110A GR
Item no.: 9070913

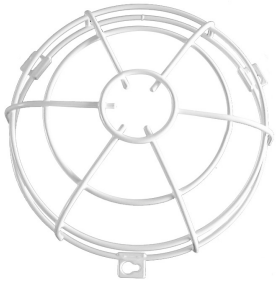


Surface frame 110A WH
Item no.: 9070912



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

