

theRonda S360 KNX UP WH

Item no.: 2089520

theben

Presence and motion detectors Indoor detectors

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)



Subject to technical changes and misprints

additional information at: www.theben.de/product/2089520

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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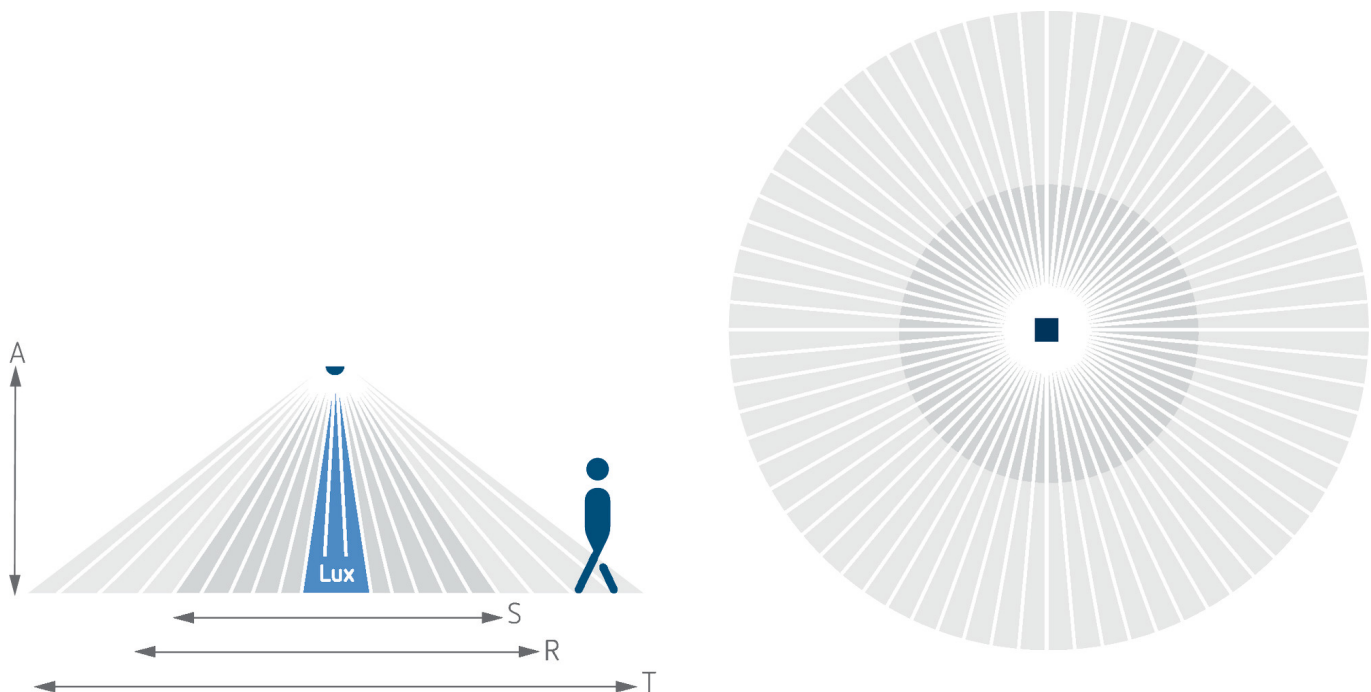
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Technical data

theRonda S360 KNX UP WH		theRonda S360 KNX UP WH	
Installation height	2 – 4 m	Presence switch-off delay	10 s - 120 min
Minimum height	> 1,7 m	Switch-on delay presence	10 s – 30 min / inactive
Measuring range brightness	10 – 3000 lx	Ambient temperature	-15°C ... 50°C
Detection angle	360°	Detection range	50 m² (ø 8 m 360°)
Type of connection	KNX bus terminal	Colour	White
Installation type	Ceiling installation	Type of protection	IP 54 (when fitted)
Light switch-off delay	30 s – 60 min		
Light measurement	Mixed light measurement		

Detection range for planning applications

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		64 m² 9 m	13 m²



Detection range 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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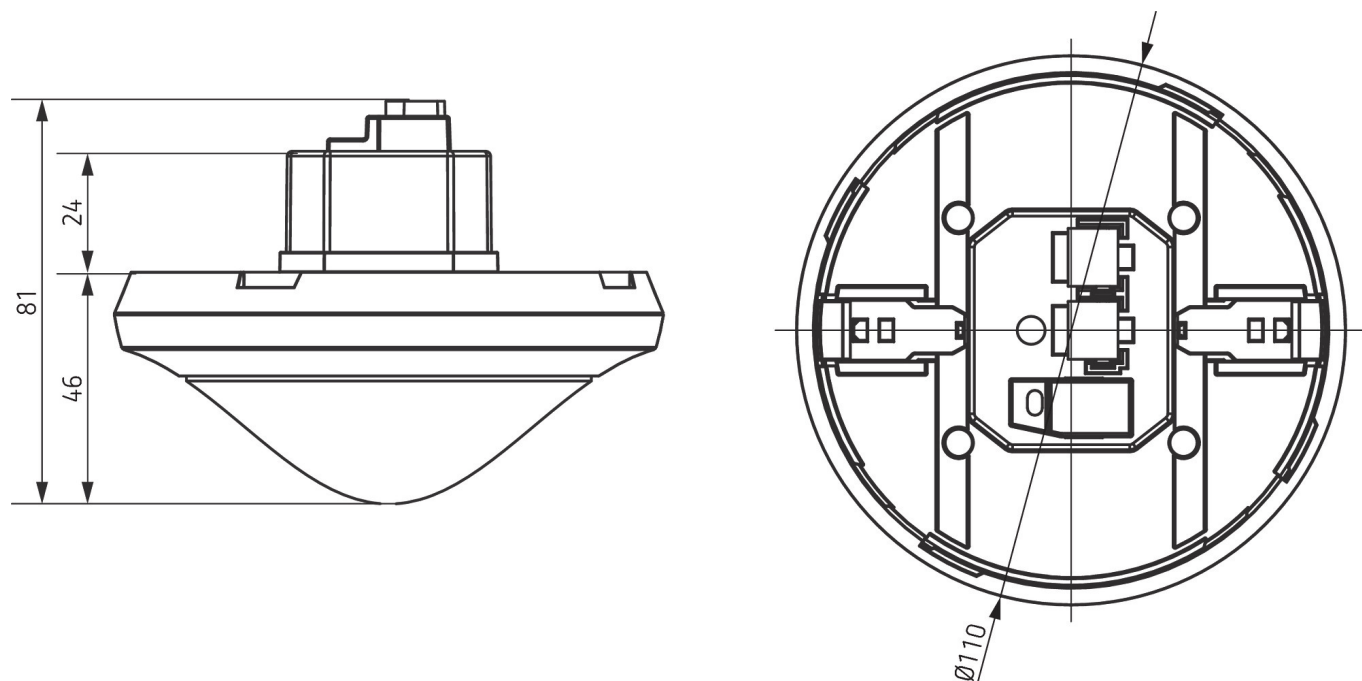
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Scale drawings



Accessories

theSenda P

Item no.: 9070910



theSenda S

Item no.: 9070911



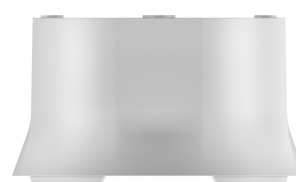
Surface frame 110A GR

Item no.: 9070913



Surface frame 110A WH

Item no.: 9070912



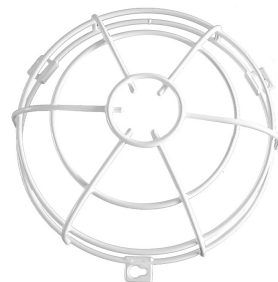
Masking clip

Item no.: 9070921



QuickSafe

Item no.: 9070531



theSenda B

Item no.: 9070985



Cover 110 GR

Item no.: 9070591



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Accessories

Ceiling installation box 68A

Item no.: 9070992



Cover 85 GR

Item no.: 9070594



Surface frame 110A BK

Item no.: 9070600



Cover 110 BK

Item no.: 9070851

