thePrema P360 KNX UP WH

Item no.: 2079000

Presence and motion detectors
Ceiling installation indoor

Description

- Passive infra-red presence detector KNX for flush-mounted ceiling installation
- Square detection area 360°, 9 x 9 m, (81 m²) at mounting height 3 m
- 3 channels light and 2 channels presence
- 2 channel light C1, C2 with 2 light measurements and additional lighting channel C3 without brightness factor
- 2 presence channels can be set individually
- Adaptable 3 channel light measurement
- Mixed light measurement suitable for LEDs, fluorescent lamps (FL/PL/ESL) and halogen/incandescent lamps
- Can be used as fully or semi-automatic, switchable
- Switch or constant light control mode with stand-by function
- Dimmable lighting in switch mode with stand-by function
- Brightness switching value or set point value can be set in lux using parameters, on the device itself or via remote control
- Teaching in of the brightness switching value or the set point value
- Room correction factor setting for brightness measurement calibration
- Light time delay can be set using parameters, on the device itself or via remote control
- Switch on delay and time delay for presence can be set
- Detection sensitivity can be set
- Self-learning time delay
- Reduced time delay in the event of a shorter stay in the room (short presence)
- Scenario functions
- Extremely easy setting of energy saving characteristics with the new "eco plus" function
- Test mode for checking function and detection range
- Parallel switching of several detectors in Master/Slave or Master/Master possible
- User remote control and management-remote control (optional)
- Room monitoring
- * According to warranty terms and conditions, see www.theben.de/en/guarantee



5 years guarantee*

GOOD DESIGN

PLUS X AWARD honored as: BEST PRODUCT OF THE YEAR 2014

PLUS X AWARD 2014 achieved for: Innovation, High Quality, Design, Functionality

product design award 2014

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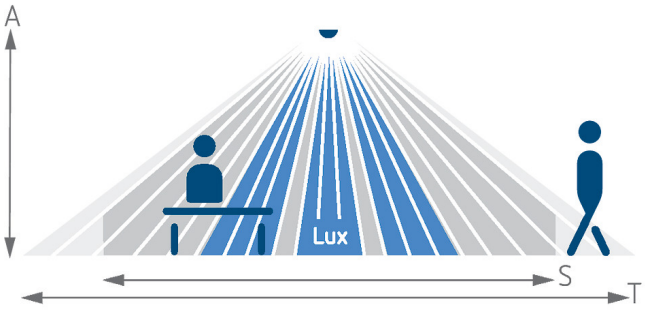
Technical data

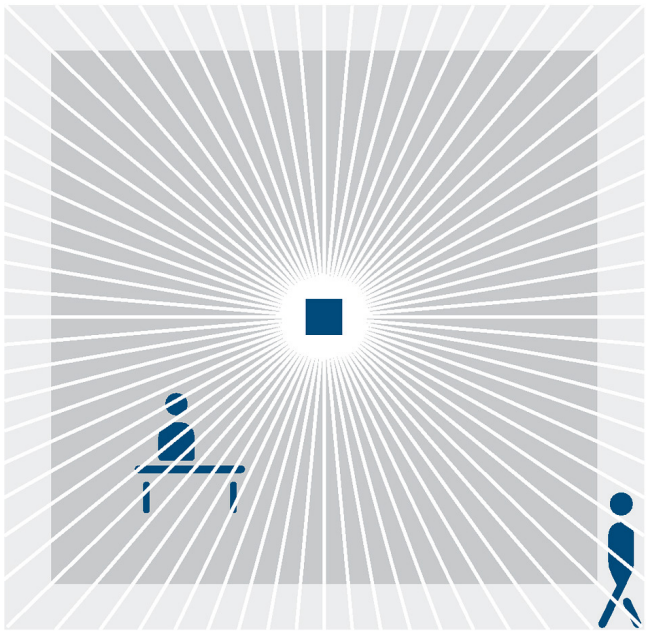
	thePrema P360 KNX UP WH
Installation height	2 - 10 m
Minimum height	1.7 m
Detection angle	360°
Type of connection	KNX bus terminal
Installation type	Ceiling installation, Flush-mounted
Light switch-off delay	30 s - 60 min
Lamp types	Energy saving lamps, fluorescent lamps, Incandescent/halogen lamps, LEDs
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	0°C ... 50°C
Detection range	81 m² (9 x 9 m)
Colour	White (similar RAL 9010)
Type of protection	IP 40 (when fitted)
Predeccessor	2029200, ECO-IR DUAL-EIB, 2029201, ECO-IR 360EIB-AC
GWP Cradle-to-Gate (A1-A3)	4.15 kg CO_2 eq
GWP Cradle-to-Grave (A1-C4)	7.68 kg CO_2 eq

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

Mounting height (A)	Sitting (S)	Walking (T)
2 m	20 m² | 4.5 m x 4.5 m	36 m² | 6 m x 6 m ± 0.5 m
2.5 m	36 m² | 6 m x 6 m	64 m² | 8 m x 8 m ± 0.5 m
3 m	49 m² | 7 m x 7 m	81 m² | 9 m x 9 m ± 1 m
3.5 m	64 m² | 8 m x 8 m	100 m² | 10 m x 10 m ± 1 m
5 m		144 m² | 12 m x 12 m ± 1.5 m
10 m		400 m² | 20 m x 20 m ± 2 m





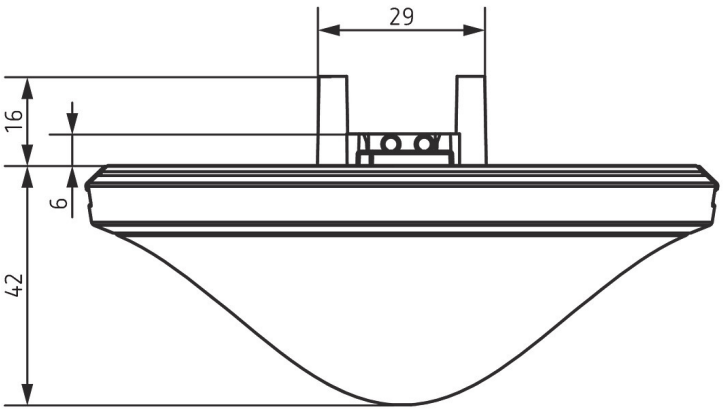
Detection Area according to Sensnorm IEC 63180

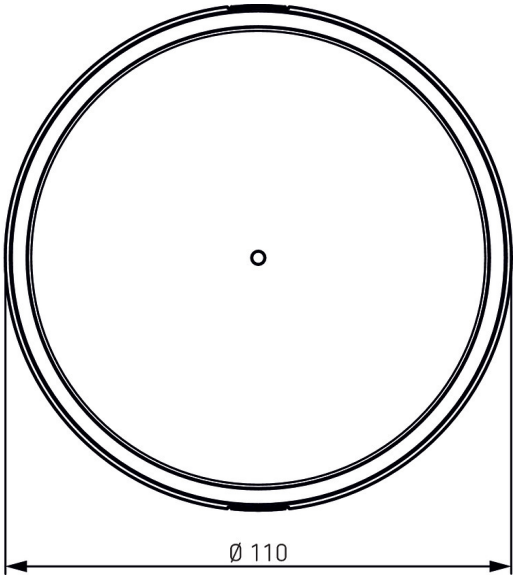
Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	77 m² | 8.8 m x 8.8 m	64 m² | 8 m x 8 m	42 µm | 6.5 m x 6.5 m

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Scale Drawings





Accessories

theSenda P
Item no.: 9070910



theSenda S
Item no.: 9070911



Surface frame 110B GR
Item no.: 9070919

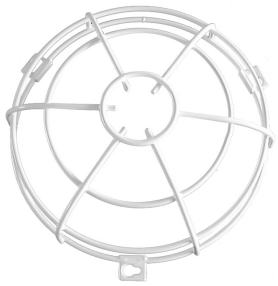


Ceiling installation box 73A
Item no.: 9070917

Surface frame 110A WH
Item no.: 9070912



QuickSafe
Item no.: 9070531



Surface frame 110B WH
Item no.: 9070918



theSenda B
Item no.: 9070985

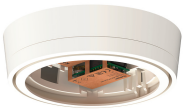


Accessories

Ceiling installation box 68A
Item no.: 9070992



Set basic KNX AP Multi WH
Item no.: 9070900



Surface frame 110A BK
Item no.: 9070600



Surface frame 110B WH
Item no.: 9070435

