

thePrema P360 KNX AP Multi WH

Item no.: 2079900



Presence and motion detectors
Ceiling installation indoor

Description

- Multi-sensor KNX
- Consisting of passive infra-red presence detector KNX and air quality sensor KNX (= 2 bus participants)
- Functions air quality sensor:
 - Measures CO₂ level, relative humidity, temperature and barometric air pressure
 - Three independent, configurable thresholds for the CO₂ level and relative humidity
- Integrated individual room thermostat
- 4 binary inputs
- Functions presence detector:
 - 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



Subject to technical changes and misprints

additional information at: www.theben.de/product/2079900

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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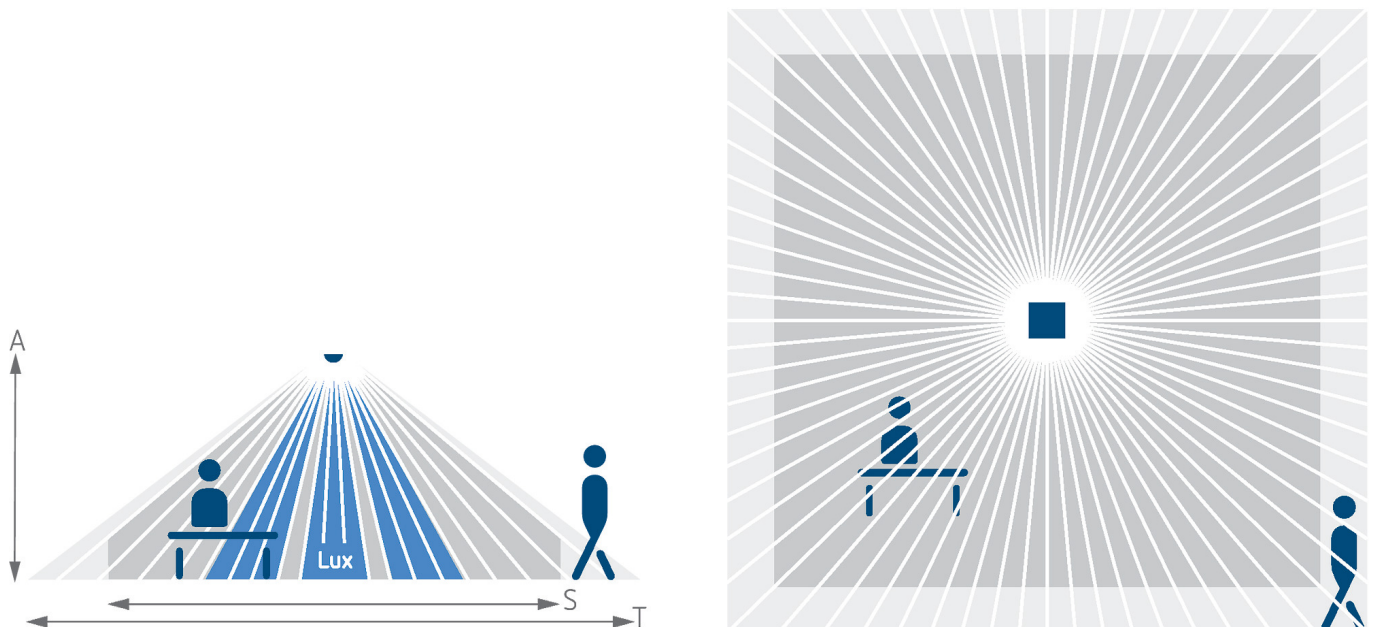


Technical data

thePrema P360 KNX AP Multi WH		thePrema P360 KNX AP Multi WH	
Installation height	2 - 10 m	Detection range	81 m ² (9 x 9 m)
Minimum height	1.7 m	Colour	White (similar RAL 9010)
Detection angle	360°	Measuring range CO ₂	300 - 5000 ppm
Type of connection	KNX bus terminal	Setting range temperature	-5°C ... 45°C
Installation type	Ceiling installation, Surface mounted	Measuring range air pressure	30000 - 110000 Pa
Light switch-off delay	30 s - 60 min	Measuring range humidity	1 - 100 % rF
Lamp types	Energy saving lamps, fluorescent lamps, Incandescent/halogen lamps, LEDs	Interface extension max.	30 m
Light measurement	Mixed light measurement	Type of protection	IP 20
Presence switch-off delay	10 s - 120 min	GWP Cradle-to-Gate (A1-A3)	10.96 kg CO ₂ eq
Switch-on delay presence	10 s - 30 min / inactive	GWP Cradle-to-Grave (A1-C4)	21.34 kg CO ₂ eq
Ambient temperature	5°C ... 40°C		

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

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



Detection range according to Sensnorm IEC 63180

Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2,5 m	77 m ² 8,8 m x 8,8 m	64 m ² 8 m x 8 m	42 m ² 6,5 m x 6,5 m

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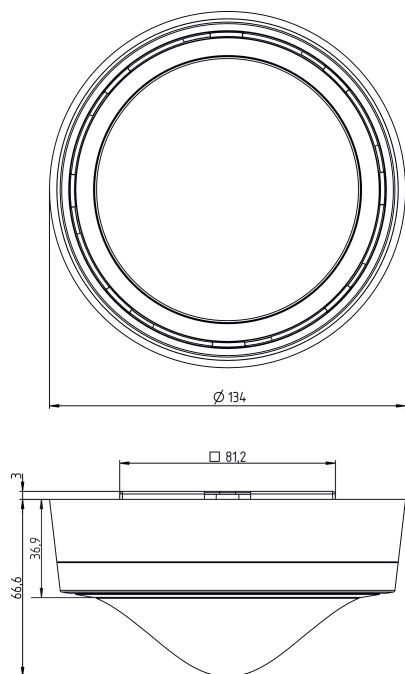
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Scale drawings



Accessories

theSenda P

Item no.: 9070910



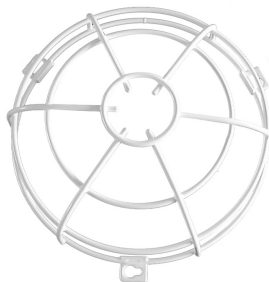
theSenda S

Item no.: 9070911



QuickSafe

Item no.: 9070531



theSenda B

Item no.: 9070985



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