

thePrema P360 KNX AP Multi WH

Item no.: 2079900



Presence and motion detectors Indoor detectors

Description

- *Available november 2020*
- Multi-sensor KNX
- Consisting of KNX passive infrared presence detector and air quality sensor (= 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 range of 360° (up to 100 m²) for safe and easy planning
 - 3 channel light and 2 channel 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)



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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Description

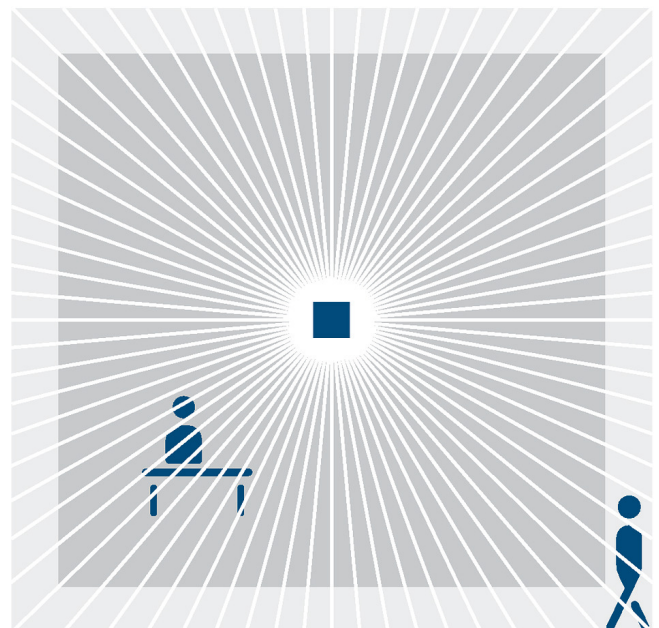
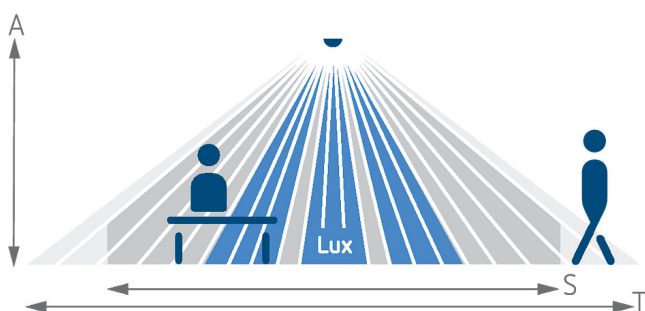
- Room monitoring
- * According to warranty terms and conditions, see www.theben.de/en/guarantee

Technical data

thePrema P360 KNX AP Multi WH		thePrema P360 KNX AP Multi WH	
Installation height	2 – 10 m	Ambient temperature	5°C ... 40°C
Minimum height	> 1,7 m	Detection range	81 m² (9,0 x 9,0 m)
Measuring range brightness	5 – 3000 lx	Colour	White
Detection angle	360°	Measuring range CO ₂	300 – 5000 ppm
Installation type	Ceiling installation	Setting range temperature	-5°C ... 45°C
Light switch-off delay	30 s – 60 min/inaktiv/ein	Measuring range air pressure	110000 – 30000 Pa
Lamps	Energy saving lamps, fluorescent lamps, Incandescent/halogen lamps, LEDs	Measuring range humidity	1 – 100 % rH
Light measurement	Mixed light measurement	Interface extension max.	30 m
Presence switch-off delay	10 s - 120 min	Type of protection	IP 20
Switch-on delay presence	10 s – 30 min / inactive		

Detection range for planning applications

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



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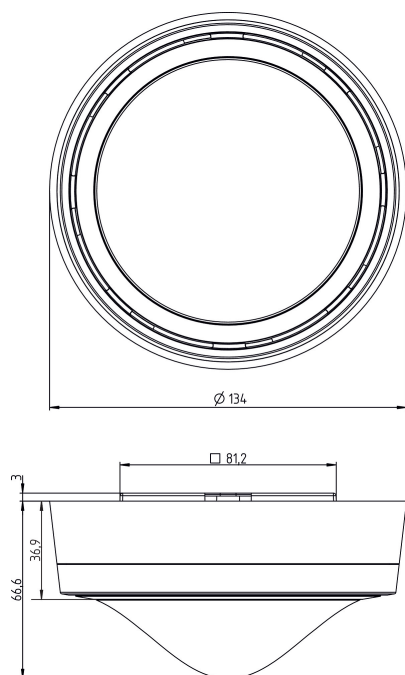
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Detection range according to Sensnorm IEC 63180

Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
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Scale drawings



Accessories

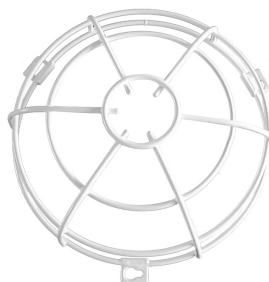
theSenda P
Item no.: 9070910



theSenda S
Item no.: 9070911



QuickSafe
Item no.: 9070531



theSenda B
Item no.: 9070985



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