

# thePrema P360 KNX UP BK

Item no.: 2079002

**theben**

KNX

Präsenz- / Bewegungsmelder

## Description

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- Passive infra-red presence detector KNX for flush-mounted ceiling installation
- Square detection area 360°, 9 x 9 m, (81 m<sup>2</sup>) 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](http://www.theben.de/en/guarantee)



Subject to technical changes and misprints

additional information at: [www.theben.de/product/2079002](http://www.theben.de/product/2079002)

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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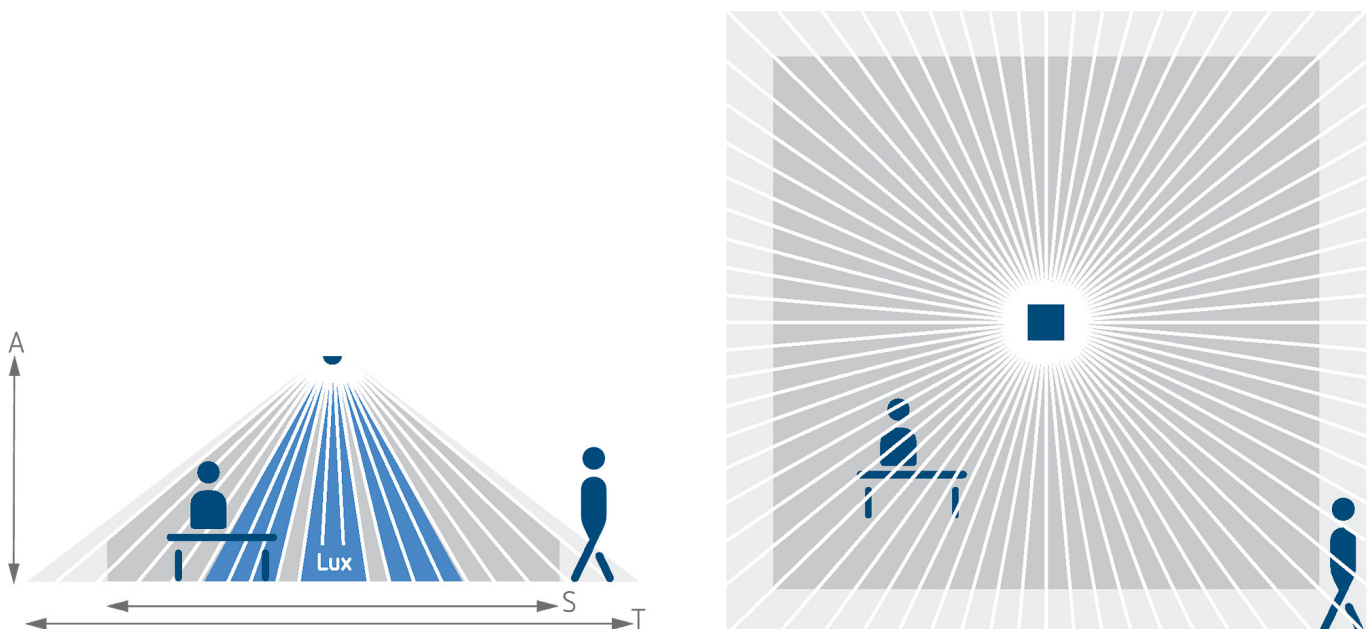
## Technical data

thePrema P360 KNX UP BK	
Installation height	2 – 10 m
Minimum height	> 1,7 m
Measuring range brightness	5 – 3000 lx
Detection angle	360°
Type of connection	Spring terminals WAGO 243
Installation type	Ceiling installation
Light switch-off delay	30 s – 60 min
Lamps	Energy saving lamps, fluorescent lamps, Incandescent/halogen lamps, LEDs

thePrema P360 KNX UP BK	
Light measurement	Mixed light measurement
Presence switch-off delay	10 s - 120 min
Switch-on delay presence	10 s – 30 min / inactive
Ambient temperature	0°C ... 50°C
Detection range	81 m <sup>2</sup> (9,0 x 9,0 m)
Colour	Black
Type of protection	IP 40 (when fitted)

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

Mounting height (A)	Sitting (S)	Walking (T)
2 m	20 m <sup>2</sup>   4.5 m x 4.5 m	36 m <sup>2</sup>   6 m x 6 m ± 0.5 m
2.5 m	36 m <sup>2</sup>   6 m x 6 m	64 m <sup>2</sup>   8 m x 8 m ± 0.5 m
3 m	49 m <sup>2</sup>   7 m x 7 m	81 m <sup>2</sup>   9 m x 9 m ± 1 m
3.5 m	64 m <sup>2</sup>   8 m x 8 m	100 m <sup>2</sup>   10 m x 10 m ± 1 m
5 m		144 m <sup>2</sup>   12 m x 12 m ± 1.5 m
10 m		400 m <sup>2</sup>   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 <sup>2</sup>   8.8 m x 8.8 m	64 m <sup>2</sup>   8 m x 8 m	42 m <sup>2</sup>   6.5 m x 6.5 m

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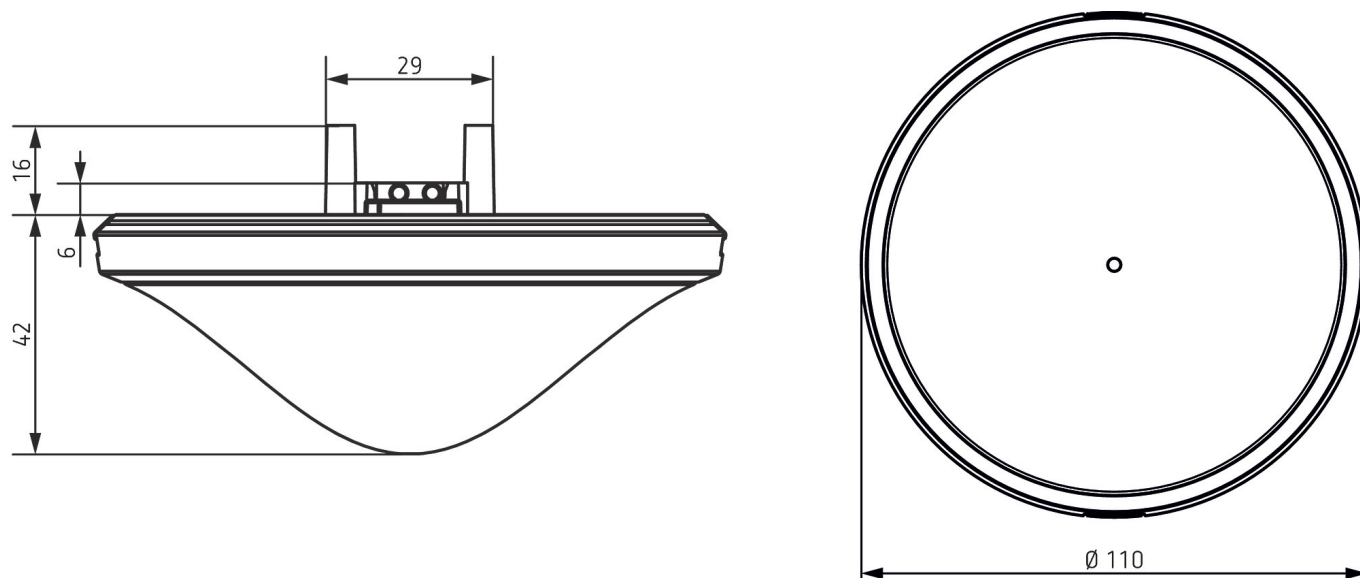
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## Scale drawings



## Accessories

**theSenda P**  
Item no.: 9070910

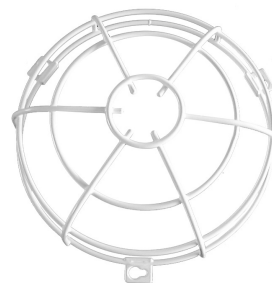


**theSenda S**  
Item no.: 9070911



**Ceiling installation box 73A**  
Item no.: 9070917

**QuickSafe**  
Item no.: 9070531



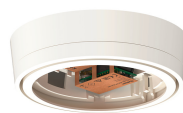
**theSenda B**  
Item no.: 9070985



**Ceiling installation box 68A**  
Item no.: 9070992



**Set basic KNX AP Multi WH**  
Item no.: 9070900



**Surface frame 110A BK**  
Item no.: 9070600



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## Accessories

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**Surface frame 110B WH**

Item no.: 9070435



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