

# thePrema S360 KNX UP WH

Item no.: 2079500

**theben**

Presence and motion detectors  
Ceiling installation indoor

## Description

- Passive infra-red presence detector KNX for flush-mounted ceiling installation
- Square detection area 360°, 7 x 7 m, (49 m²) at mounting height 3 m
- 2 channels light and 2 channels presence
- 2 channel light C1, C2 with 1 light measurement
- 2 presence channels C4, C5 can be set individually
- Adaptable 1 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)



5 years  
guarantee\*



Subject to technical changes and misprints

additional information at: [www.theben.de/product/2079500](http://www.theben.de/product/2079500)

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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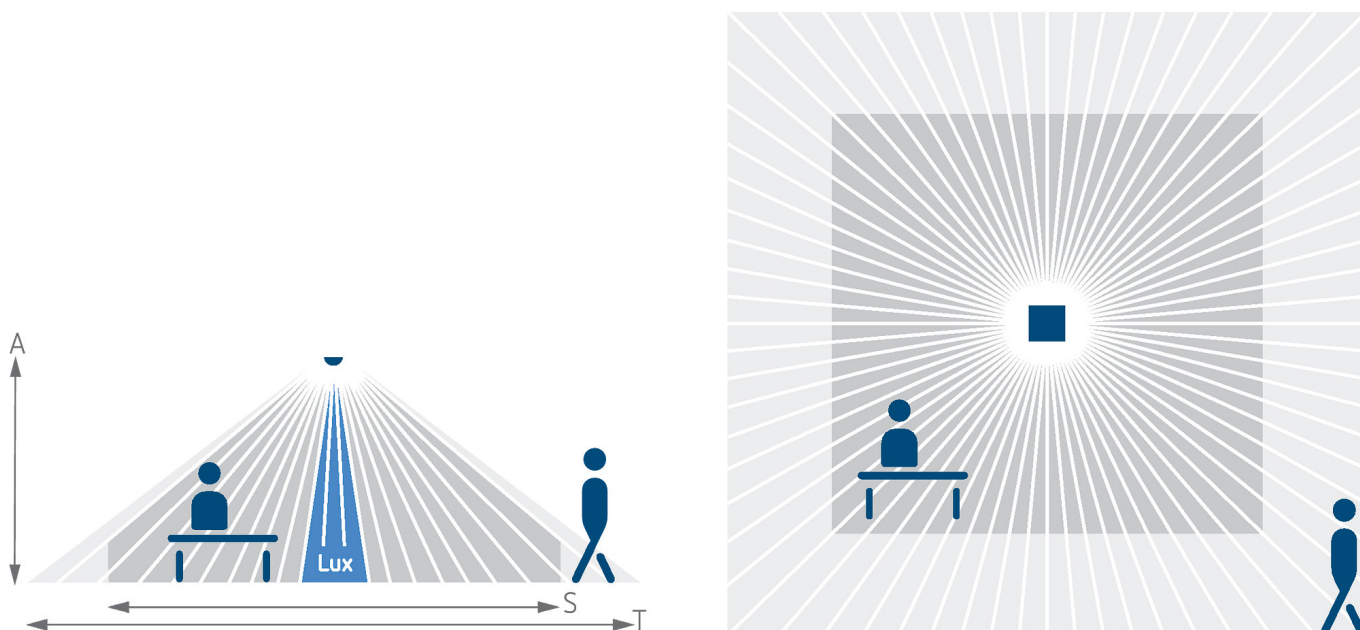
## Technical data

| thePrema S360 KNX UP WH |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Operating voltage       | KNX (max. 30 V DC)                                                       |
| Installation height     | 2 - 3.5 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                                                  |

| thePrema S360 KNX UP WH     |                             |
|-----------------------------|-----------------------------|
| 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             | 49 m² (7 x 7 m)             |
| Colour                      | White (similar RAL 9010)    |
| Type of protection          | IP 40 (when fitted)         |
| GWP Cradle-to-Gate (A1-A3)  | 4.15 kg CO <sub>2</sub> eq  |
| GWP Cradle-to-Grave (A1-C4) | 14.12 kg CO <sub>2</sub> eq |

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

| Mounting height (A) | Sitting (S)       | Walking (T)                   |
|---------------------|-------------------|-------------------------------|
| 2 m                 | 9 m²   3 m x 3 m  | 20 m²   4.5 m x 4.5 m ± 0.5 m |
| 2.5 m               | 16 m²   4 m x 4 m | 36 m²   6 m x 6 m ± 0.5 m     |
| 3 m                 | 25 m²   5 m x 5 m | 49 m²   7 m x 7 m ± 1 m       |
| 3.5 m               |                   | 64 m²   8 m x 8 m ± 1 m       |



## Detection range according to Sensnorm IEC 63180

| Mounting height (A) | Diagonally (T)        | Head on to (R)        | Sitting (S)           |
|---------------------|-----------------------|-----------------------|-----------------------|
| 2.5 m               | 40 m²   6.3 m x 6.3 m | 22 m²   4.7 m x 4.7 m | 20 m²   4.5 m x 4.5 m |

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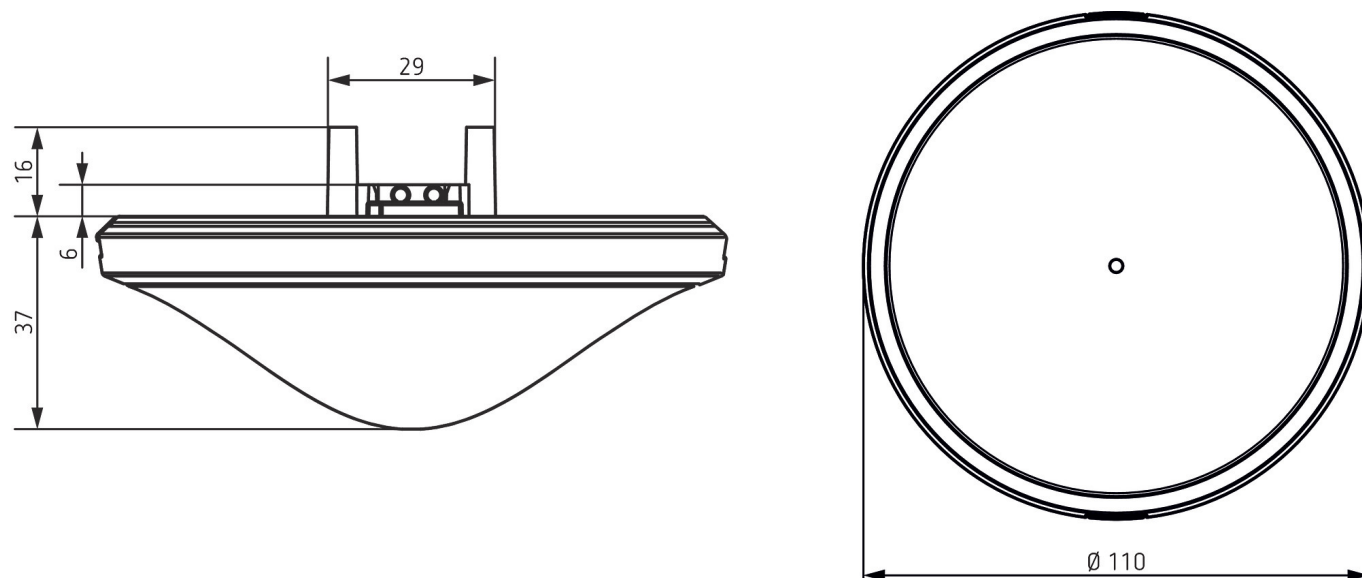
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## Scale drawings



## Accessories

### theSenda P

Item no.: 9070910



### theSenda S

Item no.: 9070911



### Surface frame 110B GR

Item no.: 9070919

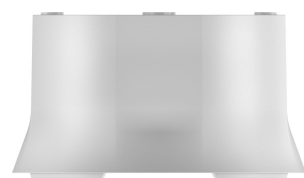


### Ceiling installation box 73A

Item no.: 9070917

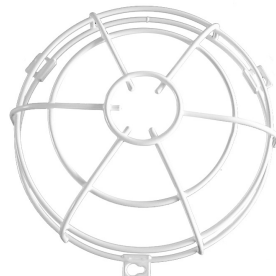
### Surface frame 110A WH

Item no.: 9070912



### QuickSafe

Item no.: 9070531



### Surface frame 110B WH

Item no.: 9070918



### theSenda B

Item no.: 9070985



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06/08/2026

Page 3 of 4

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Item no.: 2079500



## Accessories

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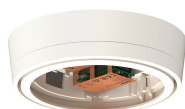
**Ceiling installation box 68A**

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



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Page 4 of 4