

# theRonda P360 KNX UP WH

Item no.: 2089000

**theben**

Home and Building control  
KNX

## Description

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- Passive infra-red presence detector KNX for flush-mounted ceiling installation
- Circular detection area 360°, Ø 24 m, (452 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 can be parametrized 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
- Reduced time delay in the event of a shorter stay in the room (short presence)
- Scenario functions
- Test mode for checking function and detection range
- Sensitivity adjustable
- Detection area can be limited using cover clip
- Manual override using telegram or remote control
- Parallel switching of several detectors in Master/Slave or Master/Master possible
- Ceiling installation in flush-mounted socket
- Ceiling installation also possible with surface-mounted frame
- User remote control and management-remote control (optional)



Subject to technical changes and misprints

additional information at: [www.theben.de/product/2089000](http://www.theben.de/product/2089000)

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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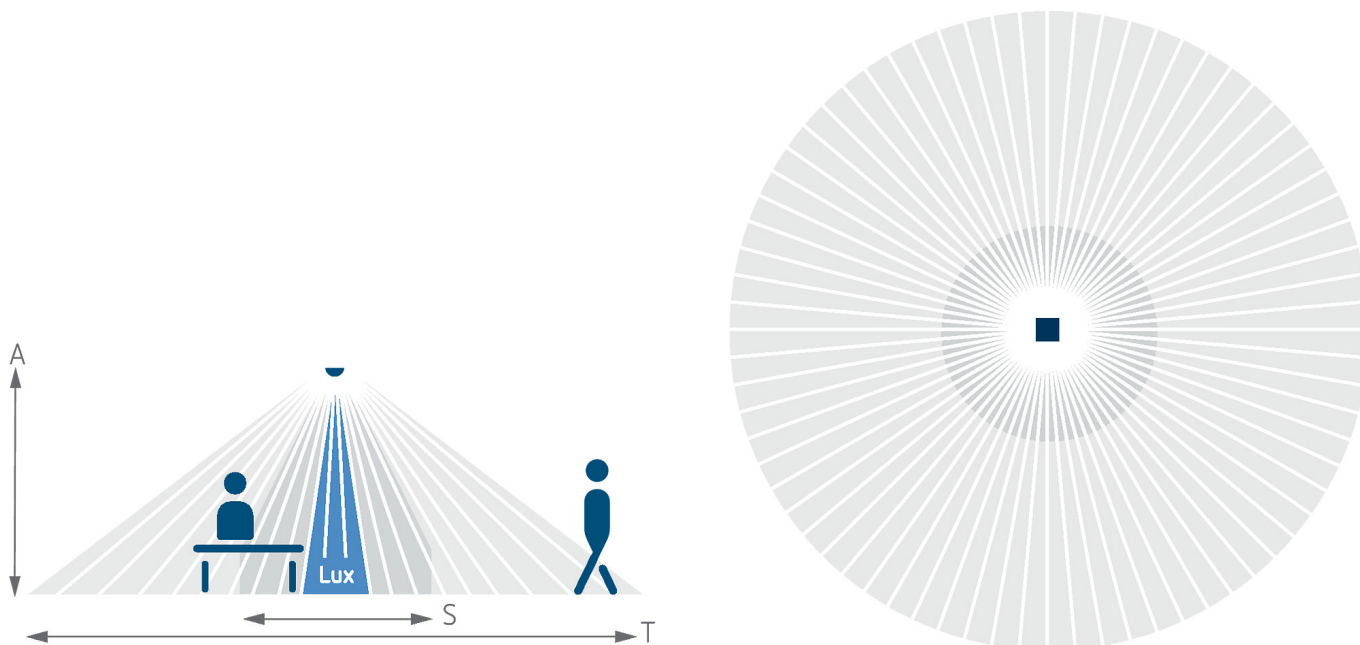
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## Technical data

theRonda P360 KNX UP WH		theRonda P360 KNX UP WH	
Installation height	2 – 10 m	Lamps	Energy saving lamps, fluorescent lamps, Incandescent/halogen lamps, LEDs
Maximum height	15 m	Light measurement	Mixed light measurement
Minimum height	> 1,7 m	Presence switch-off delay	10 s - 120 min
Measuring range brightness	30 – 3000 lx	Switch-on delay presence	10 s – 30 min / inactive
Detection angle	360°	Ambient temperature	-15°C ... 50°C
Type of connection	KNX bus terminal	Detection range	452 m <sup>2</sup> (ø 24 m   360°)
Installation type	Ceiling installation	Colour	White
Light switch-off delay	30 s – 60 min	Type of protection	IP 54 (when fitted)

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

Mounting height (A)	Sitting (S)	Diagonally (T)	Head on to (R)
2 m	16 m <sup>2</sup>   4.5 m	380 m <sup>2</sup>   22 m	28 m <sup>2</sup>   6 m
2.5 m	24 m <sup>2</sup>   5.5 m	415 m <sup>2</sup>   23 m	38 m <sup>2</sup>   7 m
3 m	28 m <sup>2</sup>   6 m	452 m <sup>2</sup>   24 m	50 m <sup>2</sup>   8 m
3.5 m	38 m <sup>2</sup>   7 m	452 m <sup>2</sup>   24 m	50 m <sup>2</sup>   8 m
6 m		452 m <sup>2</sup>   24 m	50 m <sup>2</sup>   8 m
10 m		491 m <sup>2</sup>   25 m	50 m <sup>2</sup>   8 m



## Detection range according to Sensnorm IEC 63180

Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	434 m <sup>2</sup>   23.5 m	55 m <sup>2</sup>   8.4 m	50 m <sup>2</sup>   8 m
10 m	707 m <sup>2</sup>   30 m	79 m <sup>2</sup>   10 m	
15 m	616 m <sup>2</sup>   28 m	141 m <sup>2</sup>   13.4 m	

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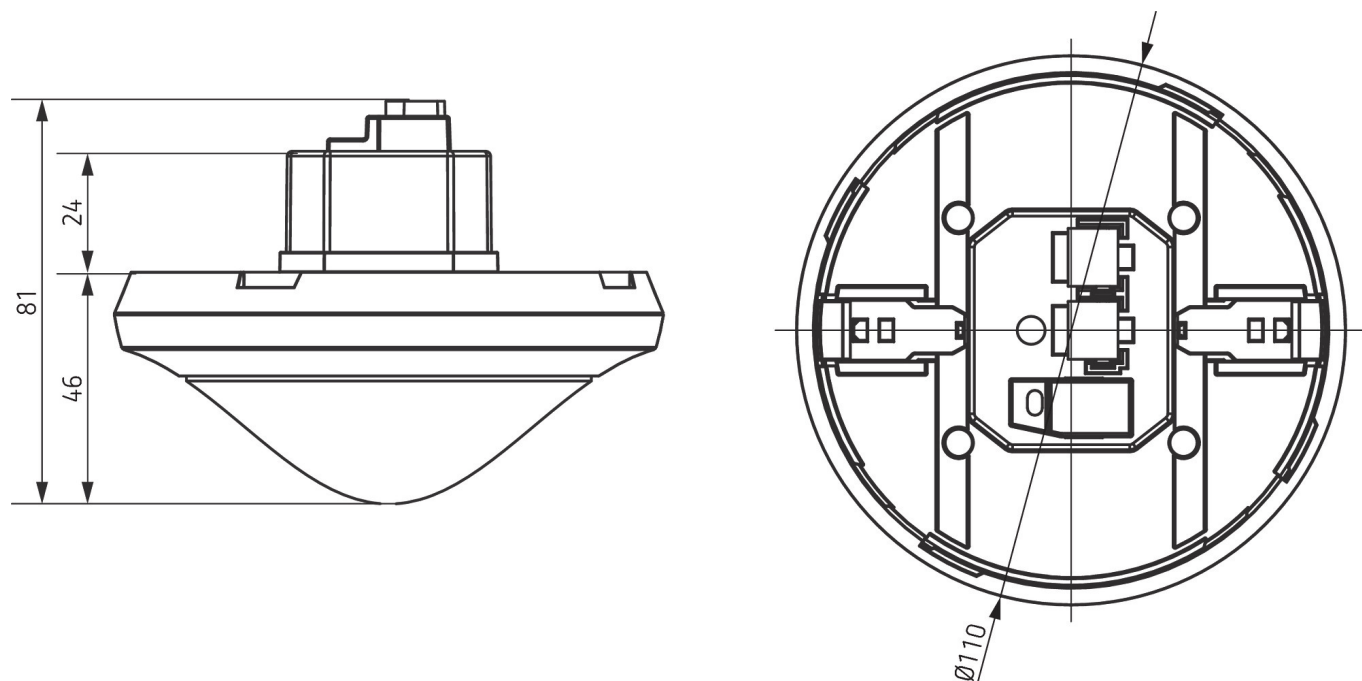
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## Scale drawings



## Accessories

### theSenda P

Item no.: 9070910



### theSenda S

Item no.: 9070911



### Surface frame 110A GR

Item no.: 9070913



### Ceiling installation box 73A

Item no.: 9070917

### Surface frame 110A WH

Item no.: 9070912



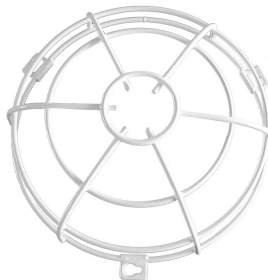
### Masking clip

Item no.: 9070921



### QuickSafe

Item no.: 9070531



### theSenda B

Item no.: 9070985



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## Accessories

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### Cover 110 GR

Item no.: 9070591



### Ceiling installation box 68A

Item no.: 9070992



### Surface frame 110A BK

Item no.: 9070600



### Cover 110 BK

Item no.: 9070851

