

# theRonda S360-100 WH GST

Item no.: 2080570

**theben**

Presence and motion detectors  
Ceiling installation indoor

## Description

- Presence detector (PIR), with pre-configured cable and Wieland GSTi18 connector, cable length 1,50 meter
- Passive infra-red presence detector for ceiling installation
- Circular detection area 360°, up to Ø 9 m (64 m2)
- Automatic motion and brightness-dependent control for lighting
- Mixed light measurement suitable for fluorescent lamps (FL/PL/ESL), halogen/incandescent lamps and LEDs
- Channel A light: relay, 230 V
- Operation as fully automatic device
- Brightness switching value configurable, teach-in function
- Pulse function for staircase light time switch
- Time delay configurable
- Detection sensitivity configurable
- Test mode for checking function and detection area
- Ready for immediate use due to factory presetting (Brightness switching value 300 lux, Time delay 10 min.)
- One of these optional remote controls is required for changing the values and attitudes:
  - Management remote control SendaPro
  - Installation remote control theSenda P
  - Optional user remote control: theSenda S



## Technical data

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Operating voltage	230 V AC
Frequency	50 Hz
Installation height	2 - 4 m
Minimum height	1.7 m
Installation type	Ceiling mounting
Colour	White
Switching output	Light
Light measurement	Mixed light measurement

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Setting range brightness	30 - 3000 lx
Light switch-off delay	10 s - 60 min
Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Incandescent/halogen lamp load	2300 W
Inrush current	max. 400 A / 200 µs
LED lamp < 2 W	25 W
LED lamp 2-8 W	250 W

Subject to technical changes and misprints

additional information at: [www.theben.de/product/2080570](http://www.theben.de/product/2080570)

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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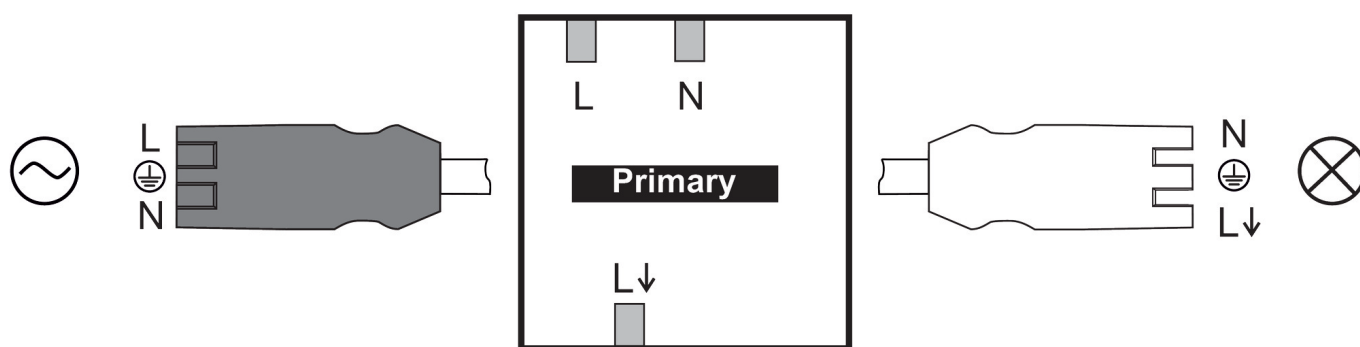
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## Technical data

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LED lamp > 8 W	250 W	Detection angle	360°
Type of connection	Flachstecker	Ambient temperature	-15°C ... 50°C
Max. cable cross section	max. 2 x 2,5 mm <sup>2</sup>	Impact resistance	IK04
Detection range	50 m <sup>2</sup> (ø 8 m)	Type of protection	IP 54 (when fitted)

## Connection example



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

Mounting height (A)	Sitting (S)	Diagonally (T)	Head on to (R)
2 m	5 m <sup>2</sup>   2.5 m	38 m <sup>2</sup>   7 m	2.5 m
2.5 m	7 m <sup>2</sup>   3 m	38 m <sup>2</sup>   7 m	3 m
3 m	13 m <sup>2</sup>   4 m	50 m <sup>2</sup>   8 m	4 m
3.5 m	13 m <sup>2</sup>   4 m	50 m <sup>2</sup>   8 m	4 m
4 m	13 m <sup>2</sup>   4 m	64 m <sup>2</sup>   9 m	13 m <sup>2</sup>   4 m

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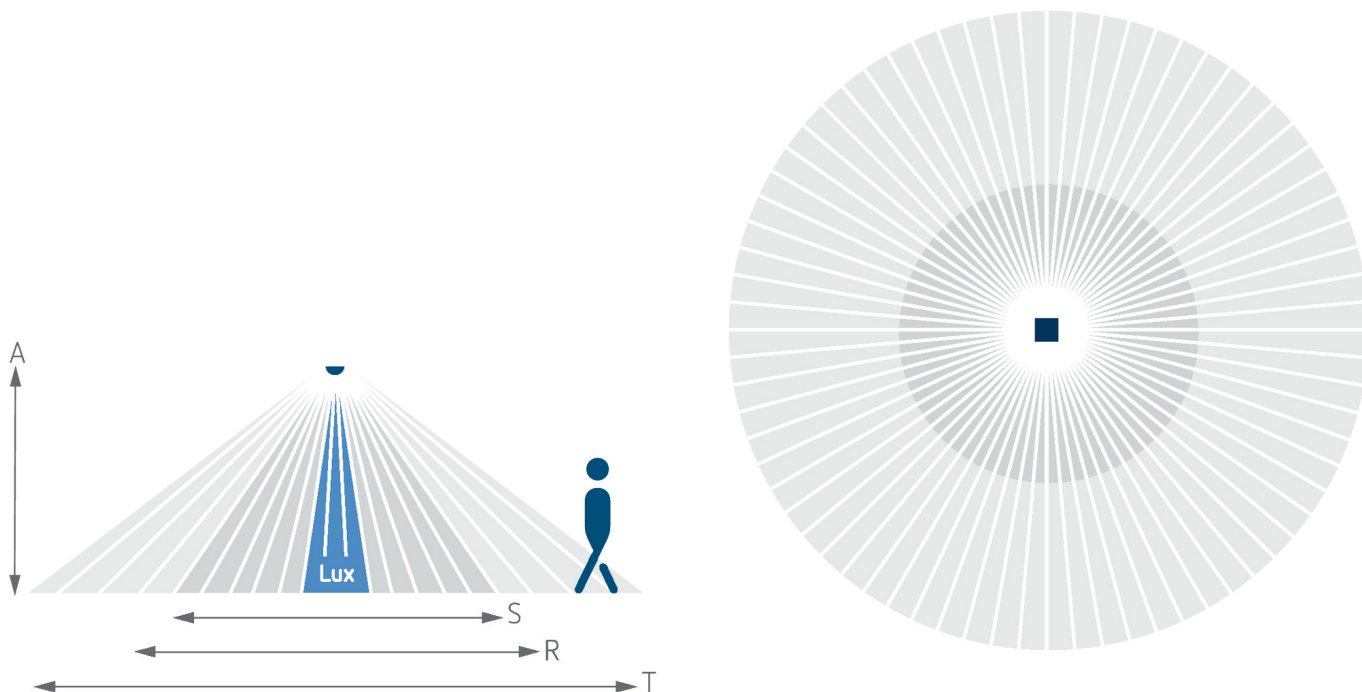
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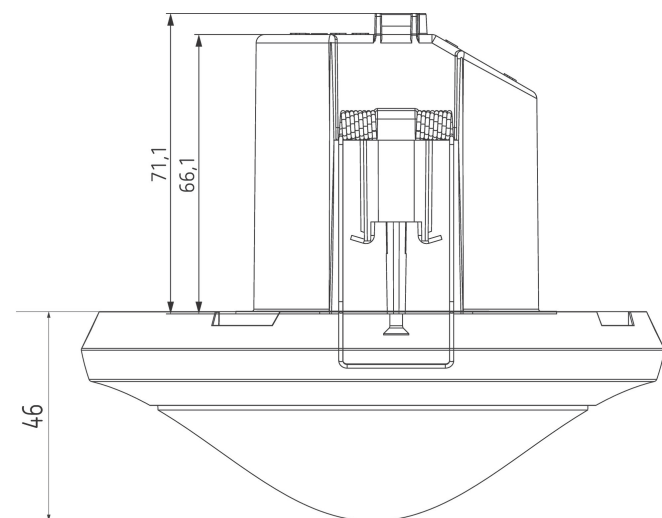
Detection range for planning applications at a temperature of 21 °C



Detection range according to Sensnorm IEC 63180

Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	28 m <sup>2</sup>   6 m	28 m <sup>2</sup>   6 m	20 m <sup>2</sup>   5 m
4 m	95 m <sup>2</sup>   11 m	79 m <sup>2</sup>   10 m	

Scale drawings



Cut-out Ø 68 mm

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## Accessories

### theSenda P

Item no.: 9070910



### theSenda S

Item no.: 9070911



### theSenda B

Item no.: 9070985



### Cover 85 GR

Item no.: 9070594



### Cover 85 BK

Item no.: 9070852



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