

theRonda S360-100 DE WH

Item no.: 2080560

theben
energy saving comfort

Presence and motion detectors Indoor detectors

Description

- Passive infra-red presence detector for ceiling installation
- Circular detection area 360°, up to Ø 8 m (50 m²) at mounting height 3 m
- 1 channel light (Relay, 230 V)
- Automatic motion and brightness-dependent control for lighting
- Mixed light measurement suitable for fluorescent lamps (FL/PL/ESL), halogen/incandescent lamps and LEDs
- 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
Setting range brightness	30 – 3000 lx
Light switch-off delay	10 s - 60 min

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Lamps	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
LED lamp > 8 W	250 W
Type of connection	Screw terminals
Max. cable cross section	max. 2 x 2,5 mm²

Subject to technical changes and misprints

additional information at: www.theben.de/product/2080560

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

16/02/2021

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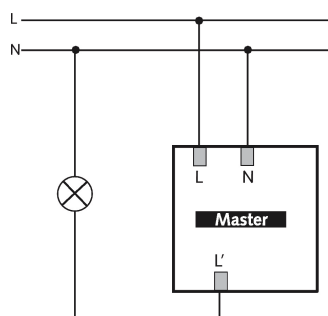
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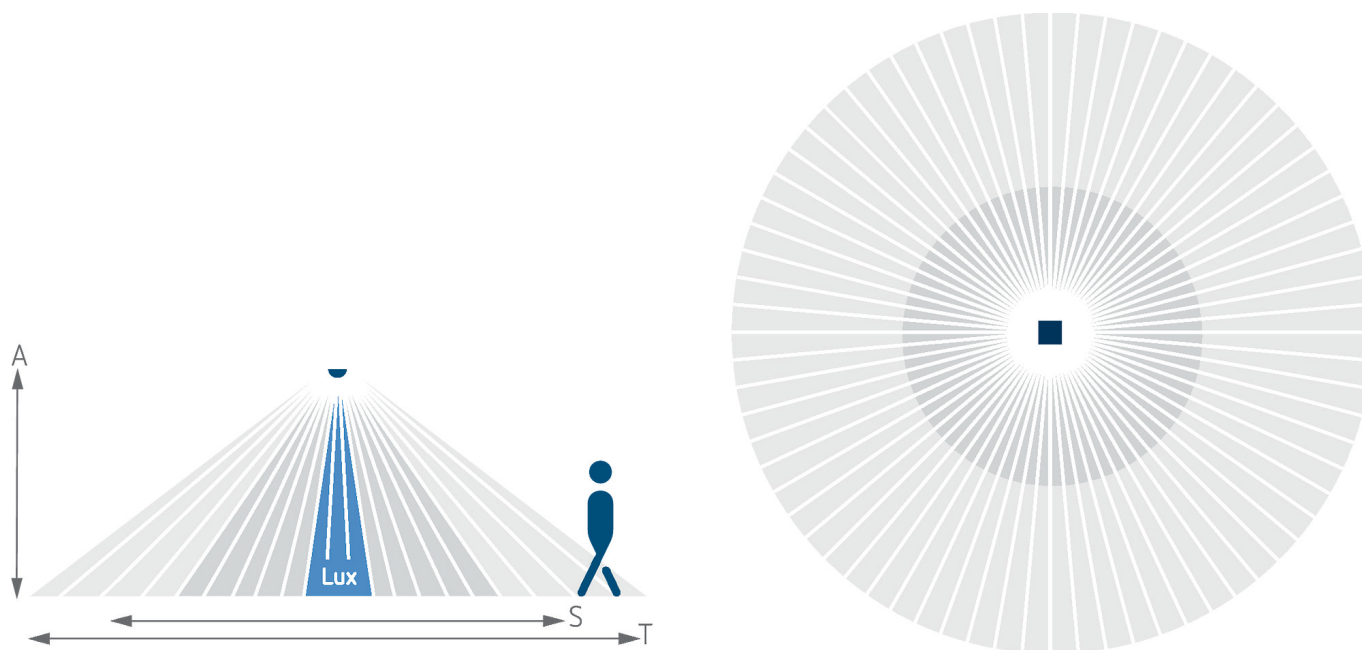
theRonda S360-100 DE WH	
Detection range	50 m ² (ø 8 m 360°)
Ambient temperature	-15°C ... 50°C
Type of protection	IP 54 (when fitted)

Connection example



Detection range for planning applications

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



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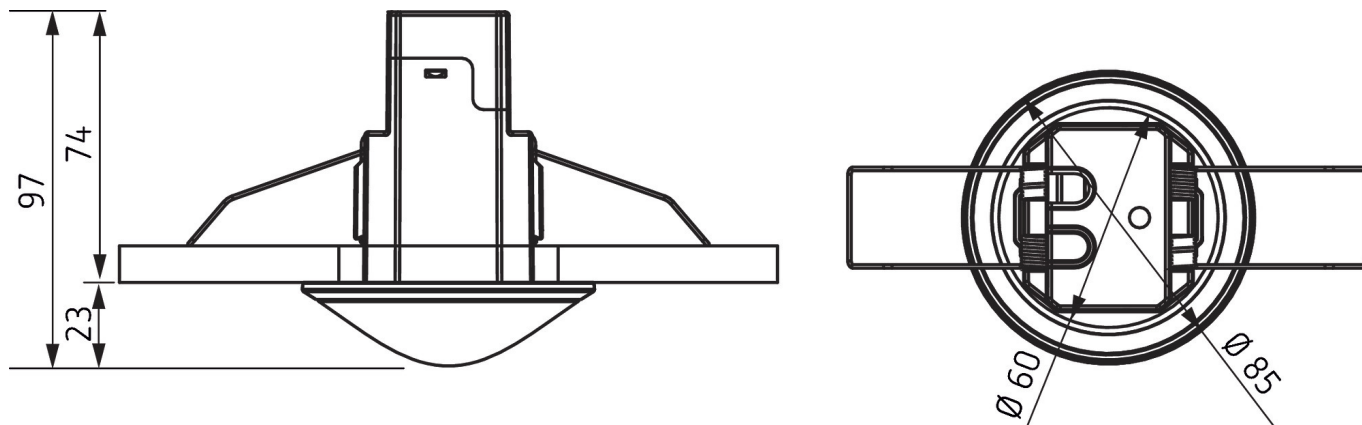
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Detection range according to Sensnorm IEC 63180

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

Scale drawings



Accessories

theSenda P
Item no.: 9070910



theSenda S
Item no.: 9070911



theSenda B
Item no.: 9070985



Cover 85 GR
Item no.: 9070594



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