

theRonda P360-110 DALI UP WH

Item no.: 2080040

theben

Presence and motion detectors
Ceiling installation indoor

Description

- Passive infra-red presence detector for flush-mounted ceiling installation, DALI-2 certified
- Circular detection area 360°, Ø 24 m, (452 m²) at mounting height 3 m
- 1 channel light DALI-2 in broadcast mode
- DALI-2 technology according to IEC 62386 Parts 101 and 103
- 1 push-button input
- Using of conventional push-buttons for maximum design freedom
- Switch or constant light control mode with stand-by function
- Dimmable lighting in switch mode with stand-by function
- Choice of fully or semi-automatic operation
- Adjustable brightness switching value
- Teach-in function via remote control or push-button
- Setting of room correction factor (Automatic adjustment of brightness measurement)
- Light time delay can be set
- Calibrated 1 channel light measurement
- Brief-presence
- Self-learning time delay
- Extremely easy setting of energy saving characteristics with the new „eco plus“ function
- Selectable control speed
- Manual override via remote control or pushbutton
- Behavior after push button operation selectable (school / office)
- Test mode light
- Test-Mode presence
- Remote-controllable
- Scenes
- Sensitivity adjustable
- Detection area can be limited using cover clip
- Extension of detection area via Master/Slave or Master/Master switching
- Optimized handling by installer during assembly, wiring, commissioning



Subject to technical changes and misprints

additional information at: www.theben.de/product/2080040

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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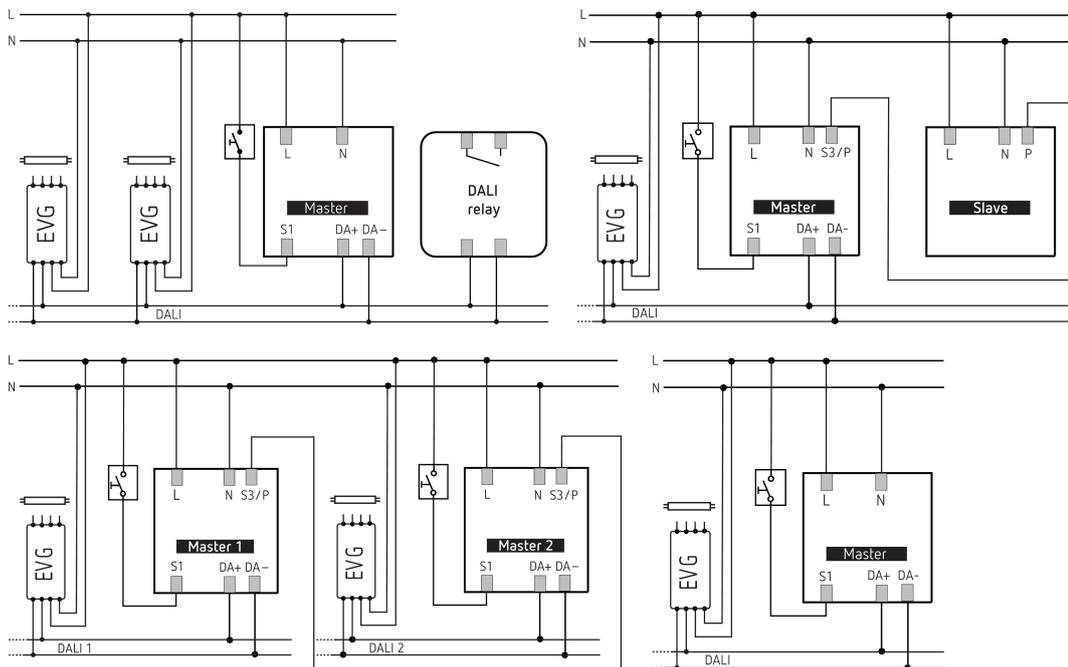


Technical data

theRonda P360-110 DALI UP WH	
Operating voltage	110 V AC - 230 V AC
Frequency	50 - 60 Hz
Installation height	2 - 10 m
Maximum height	15 m
Minimum height	1.7 m
Installation type	Ceiling installation
Colour	White
Switching output	DALI
Power consumption	<0.4 W
Light measurement	Mixed light measurement
Setting range brightness	10 - 3000 lx
Light switch-off delay	10 s - 60 min
Stand-by time light	0 s - 60 min / on
Stand-by brightness	1 - 25 %

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Lamp types	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Control output	100 mA
Output light	DALI-interface according to IEC SN EN 62 386 for max. 50 DALI devices
Type of connection	Screw terminals
Max. cable cross section	max. 2 x 2,5 mm ²
Size of concealed housing	55 mm
Detection range	452 m ² (Ø 24 m)
Detection angle	360°
Ambient temperature	-15°C ... 50°C
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)	walking across / tangentially (T)	walking towards / radially (R)
2 m	16 m ² 4.5 m	380 m ² 22 m	28 m ² 6 m
2.5 m	24 m ² 5.5 m	415 m ² 23 m	38 m ² 7 m
3 m	28 m ² 6 m	452 m ² 24 m	50 m ² 8 m
3.5 m	38 m ² 7 m	452 m ² 24 m	50 m ² 8 m
6 m		452 m ² 24 m	50 m ² 8 m
10 m		491 m ² 25 m	50 m ² 8 m

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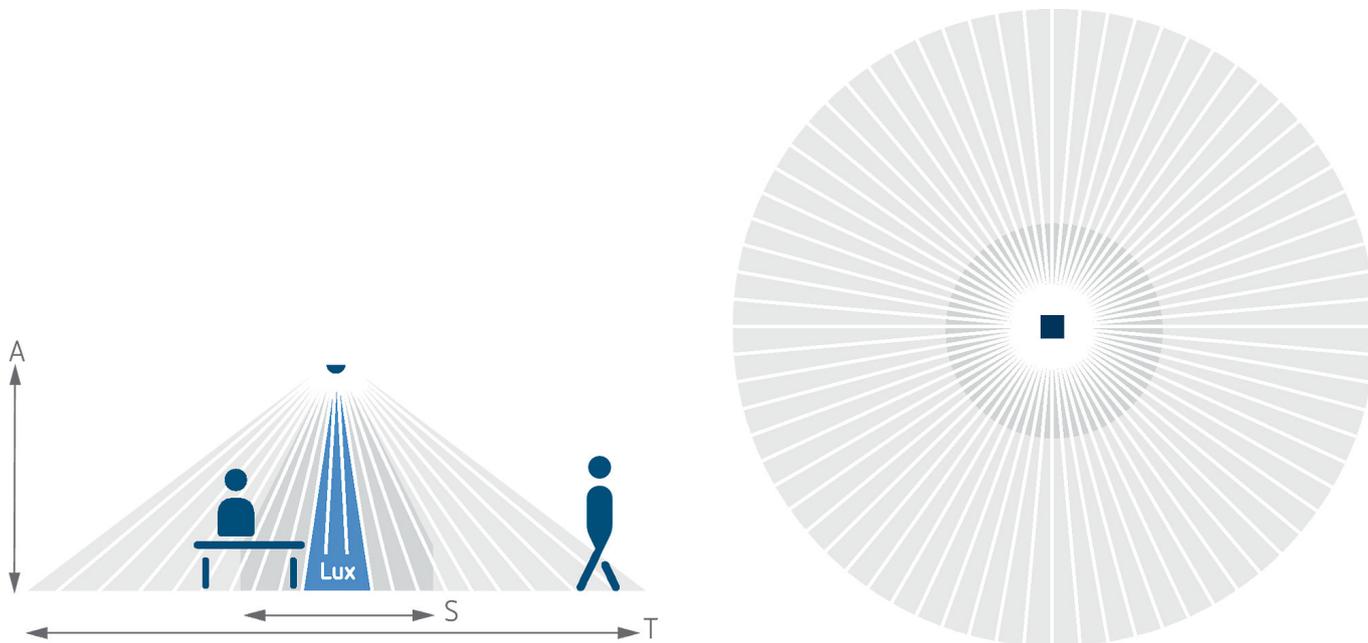
Page 2 of 5

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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	434 m ² 23.5 m	55 m ² 8.4 m	50 m ² 8 m
10 m	707 m ² 30 m	79 m ² 10 m	
15 m	616 m ² 28 m	141 m ² 13.4 m	

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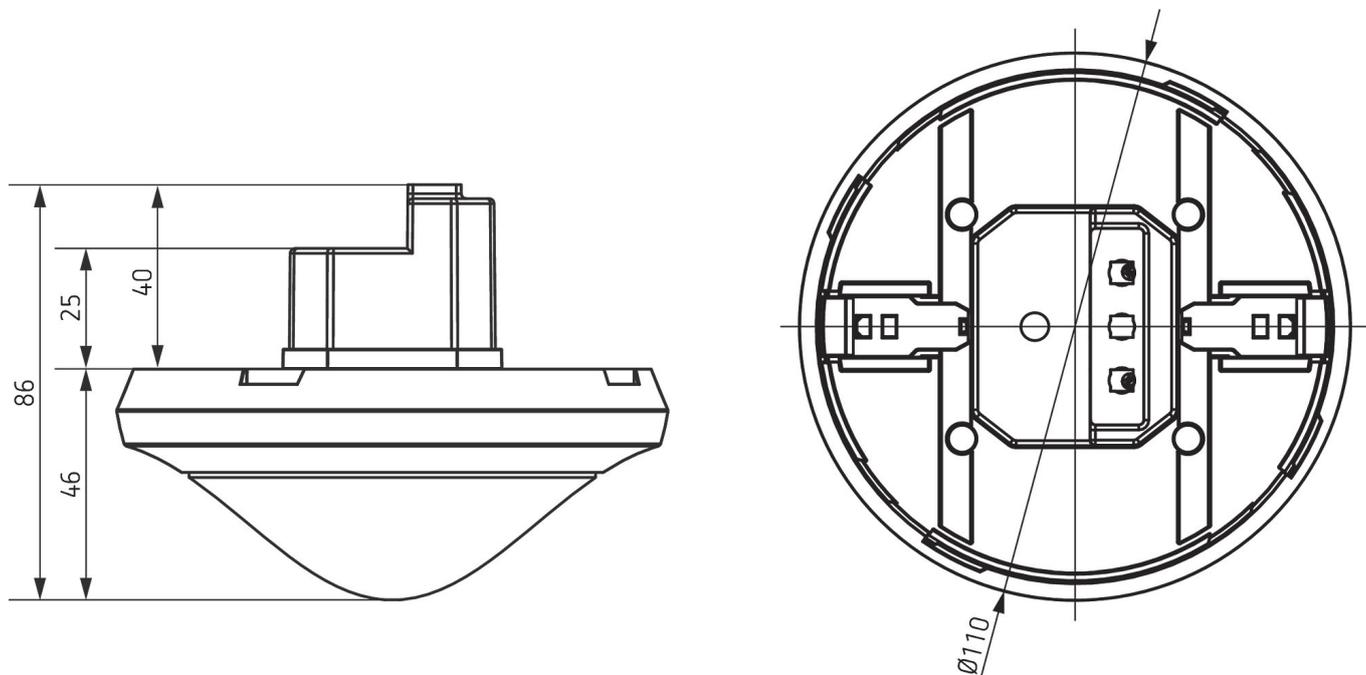
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Scale drawings



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

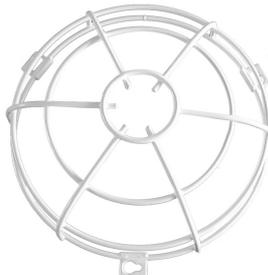
Surface frame 110A WH
Item no.: 9070912



Masking clip
Item no.: 9070921



QuickSafe
Item no.: 9070531



theSenda B
Item no.: 9070985



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Accessories

Cover 110 GR

Item no.: 9070591



Ceiling installation box 68A

Item no.: 9070992



SU 1 DALI-2

Item no.: 4940091



Surface frame 110A BK

Item no.: 9070600



Cover 110 BK

Item no.: 9070851



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Page 5 of 5