thePassa P360-101 UP WH
Item no.: 2010300

theben

Präsenzmelder & Bewegungsmelder
Deckenmontage innen

Description

- Passive infra-red presence detector for flush-mounted ceiling installation
- Rectangular detection area 360°, 30 x 4,5 m, (135 m²) at mounting height 3 m, for corridors and storage areas, with 2 individually connectable and disconnectable detection zones
- 1 channel light (Relay, 230 V) and 1 channel presence (Relay, floating for HVAC control)
- Automatic presence- and brightness-dependent control for lighting and HVAC
- Mixed light measurement suitable for fluorescent lamps (FL / PL / ESL), halogen / incandescent lamps and LEDs
- Choice of fully or semi-automatic operation
- Adjustable brightness switching value, teach-in function
- Reduction of switch-off delay time in the event of short presence (brief-presence)
- Connection option for sensors or switches for manual switching with automatic recognition of sensor / switch
- Pulse function for staircase light time switch
- Channel H, presence: relay, floating
- e.g. for HVAC control
- Switch-on delay and switch-off delay configurable
- Sensitivity adjustable
- Detection area can be limited using cover clip
- Ready for immediate use due to factory preset
- Test mode for checking function and detection area
- Extension of detection area via Master / Slave or Master / Master switching, a maximum of 10 detectors can be switched in parallel with each other
- Ceiling installation in flush-mounted socket
- Ceiling installation also possible with surface-mounted frame
- User remote control theSenda S, management remote control SendoPro (optional)

Technical data

	thePassa P360-101 UP WH
Operating voltage	110 − 230 V AC
Frequency	50 − 60 Hz
Installation height	2 − 6 m
Maximum height	15 m
Minimum height	> 1,7 m
Installation type	Ceiling installation
Colour	White

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Switching output	Light | Presence
Power consumption	ca. 0.1 W
Light measurement	Mixed light measurement
Setting range brightness	30 − 3000 lx
Light switch-off delay	10 s - 60 min

Technical data

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Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Incandescent/halogen lamp load	2300 W
Compact and flourescent lamps	1150 VA (cos φ = 0,5)
Inrush current	max. 800 A / 200 μs
LED lamp < 2 W	60 W
LED lamp 2-8 W	600 W
LED lamp > 8 W	600 W
Switch-on delay presence	0 s − 10 min / Room surveillance

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Presence switch-off delay	10 s - 120 min
Switching capacity presence	50 W/50 VA
Type of connection	Screw terminals
Max. cable cross section	max. 2 x 2,5 mm²
Size of concealed housing	Ø 55 mm (NIS, PMI)
Detection range	150 m² (30,0 x 5 m)
Detection angle	360°
Ambient temperature	-15°C … 50°C
Type of protection	IP 54 (when fitted)

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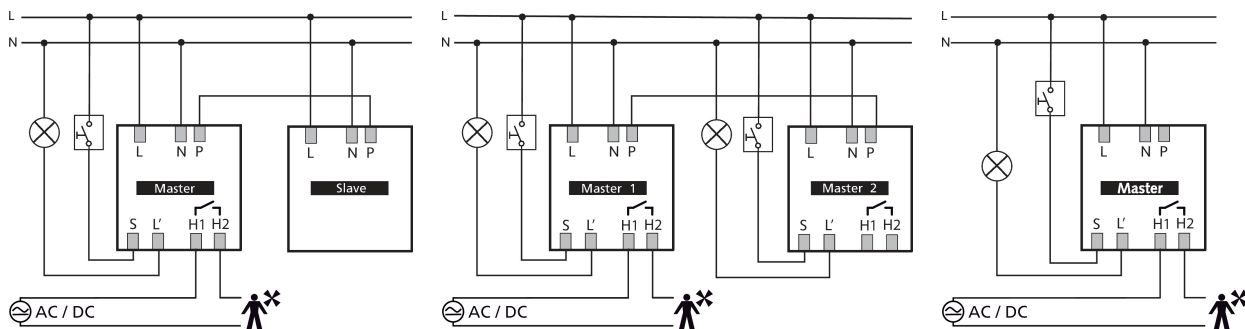
Detection range for planning applications at a temperature of 21 °C

Mounting height (A)	Diagonally (t)	Head on to (R)
2 m	56 m² | 16 m x 3.5 m	56 m² | 16 m x 3.5 m
2.5 m	88 m² | 22 m x 4 m	72 m² | 18 m x 4 m
3 m	135 m² | 30 m x 4.5 m	90 m² | 20 m x 4.5 m
3.5 m	150 m² | 30 m x 5 m	100 m² | 20 m x 5 m
4 m	150 m² | 30 m x 5 m	100 m² | 20 m x 5 m
4.5 m	150 m² | 30 m x 5 m	100 m² | 20 m x 5 m
5 m	150 m² | 30 m x 5 m	100 m² | 20 m x 5 m
5.5 m	150 m² | 30 m x 5 m	100 m² | 20 m x 5 m
6 m	150 m² | 30 m x 5 m	100 m² | 20 m x 5 m

Subject to technical changes and misprints
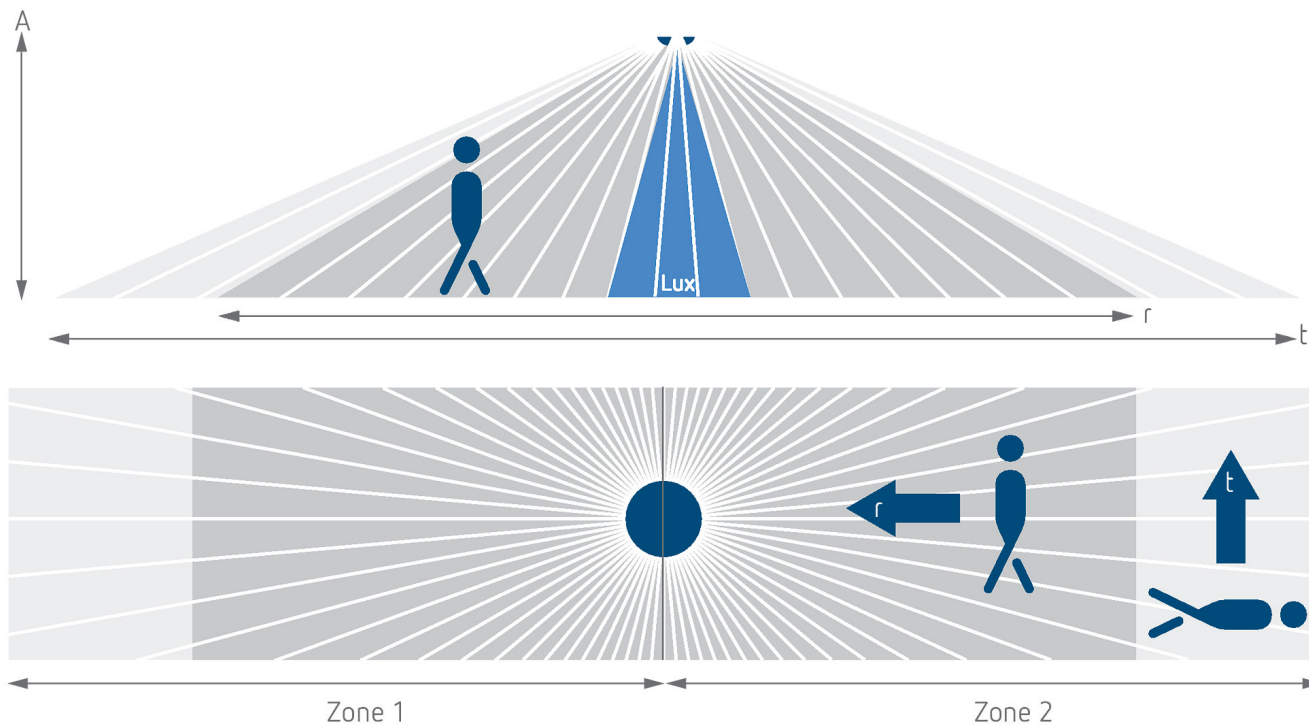
additional information at: www.theben.de/product/2010300

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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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)
2.5 m	215 m² | 43 m x 5 m	62 m² | 14.8 m x 4.2 m
6 m	550 m² | 50 m x 11 m	495 m² | 45 m x 11 m
15 m	800 m² | 40 m x 20 m	600 m² | 30 m x 20 m

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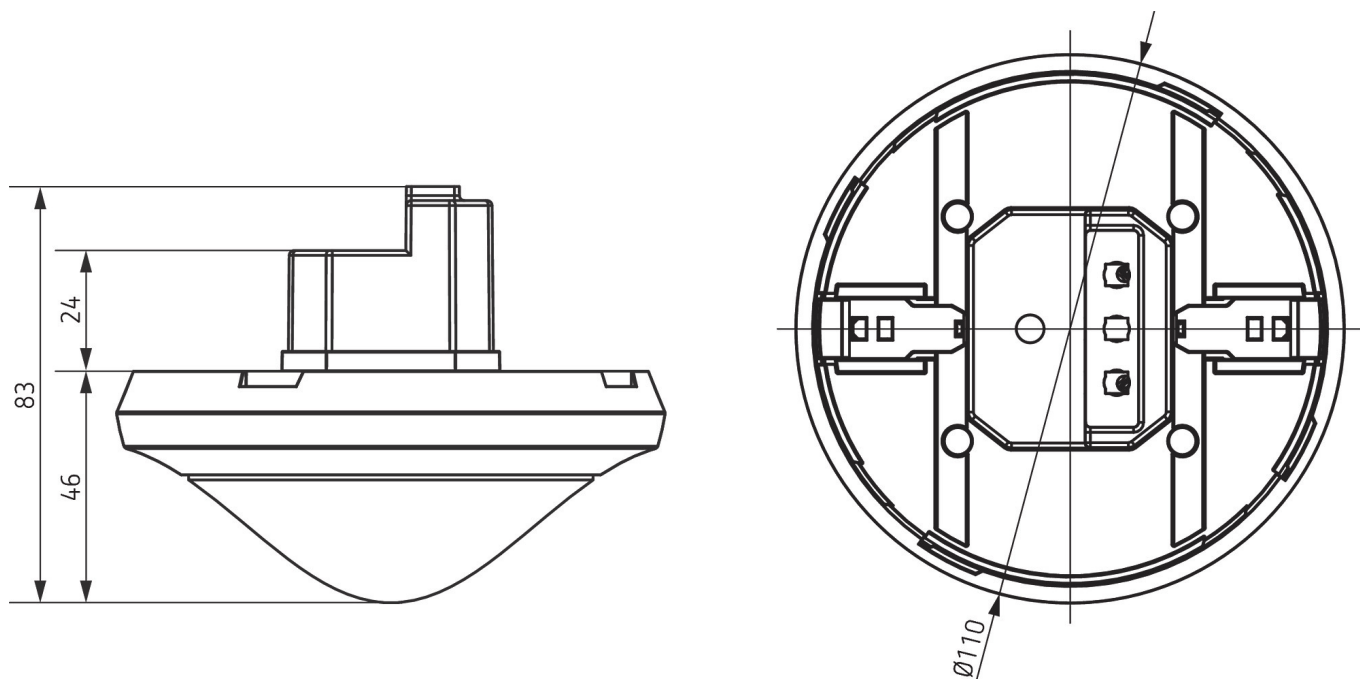
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Scale drawings

Ø110

Accessories

theSenda P
Item no.: 9070910

theSenda S
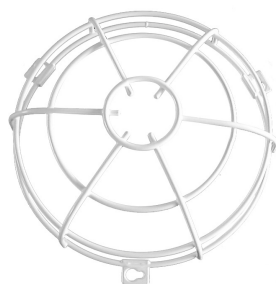Item no.: 9070911

Surface frame 110A WH
Item no.: 9070912

Masking clip
Item no.: 9070921

QuickSafe
Item no.: 9070531

theSenda B
Item no.: 9070985

Cover 110 GR
Item no.: 9070591

Ceiling installation box 68A
Item no.: 9070992

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Accessories

Surface frame 110A BK
Item no.: 9070600

Cover 110 BK
Item no.: 9070851

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