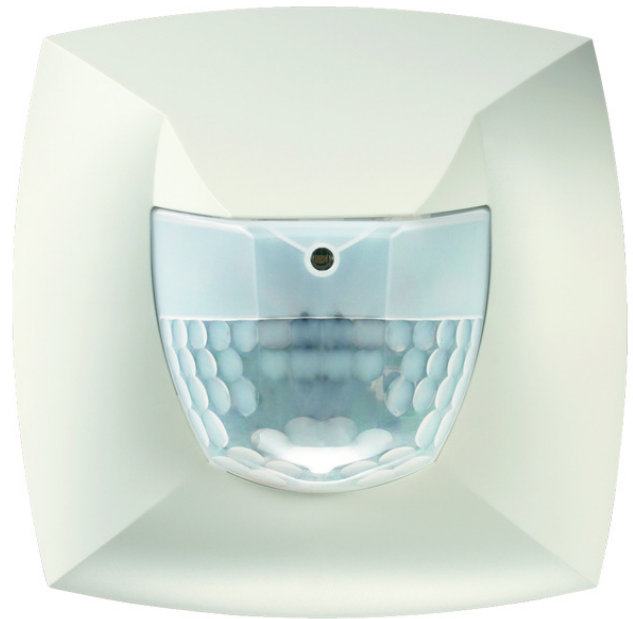# PresenceLight 180
Item no.: 2000050

theben

Präsenzmelder & Bewegungsmelder
Wandmontage innen

Description

- Passive infra-red presence detector for wall installation
- Half-round detection area 180°, Ø 16 m, (100 m²)
- Mixed light measurement
- Light switch output (relay, 230 V)
- Automatic lighting control
- Lighting control with light threshold value and self-learning switch-off delay
- Pulse function for staircase time switch
- Can be configured remotely

Technical data

	PresenceLight 180
Operating voltage	230 V AC
Frequency	50 Hz
Installation height	1.6 − 2.2 m
Installation type	Wall installation
Colour	White
Switching output	Light
Power consumption	~0.9 W
Light measurement	Mixed light measurement
Setting range brightness	10 − 1500 lx
Light switch-off delay	Pulse (0,5 s), 10 s-20 min
Type of contact light	Relay 230 V
Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Resistive load	1400 W
Incandescent/halogen lamp load	1200 W

	PresenceLight 180
Compact and flourescent lamps	960 VA (cos f = 0,8), 580 VA (cos f = 0,5)
Inrush current	max. 250 A / 200 µs
Energy saving lamps	10 x (1 x 58 W), 5 x (2 x 58 W), 16 x (1 x 36 W), 8 x (2 x 36 W), 16 x (smaller than 36 W)
LED lamp < 2 W	25 W
LED lamp 2-8 W	70 W
LED lamp > 8 W	80 W
Type of connection	Screw terminals
Max. cable cross section	2 x 2,5 mm²
Mounting plate	70 x 70 mm
Size of concealed housing	Ø 55 mm (NIS, PMI)
Detection range	100 m² (ø 16 m | 180°)
Detection angle	180°
Ambient temperature	-20°C ... 50°C
Type of protection	IP 54

Subject to technical changes and misprints

additional information at: www.theben.de/product/2000050

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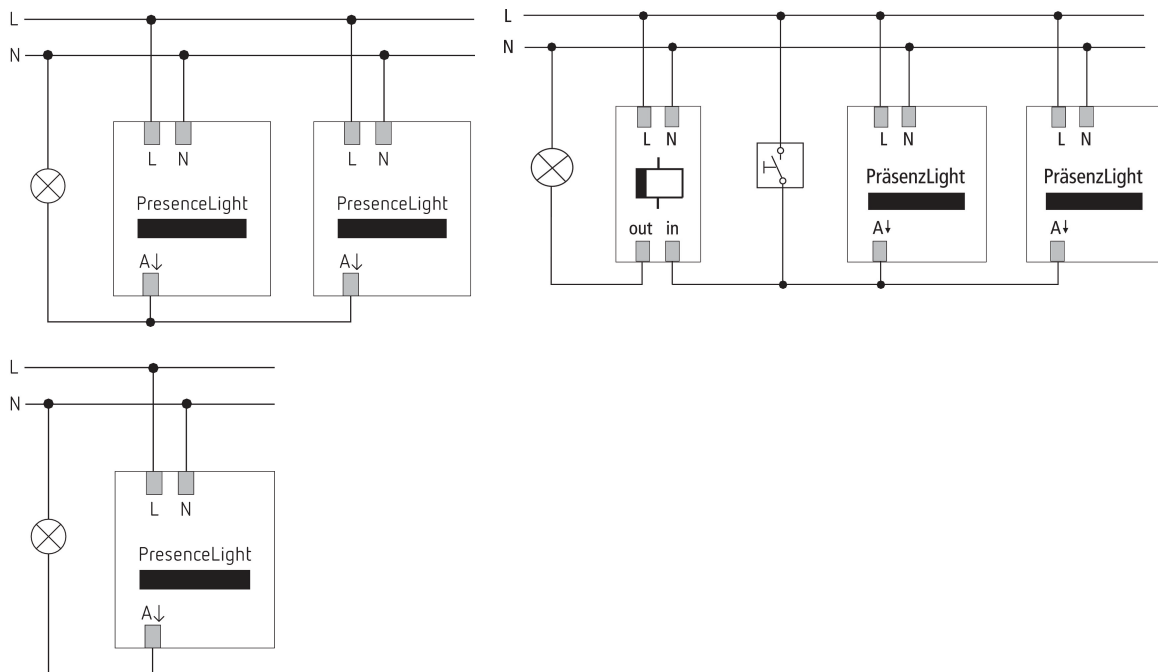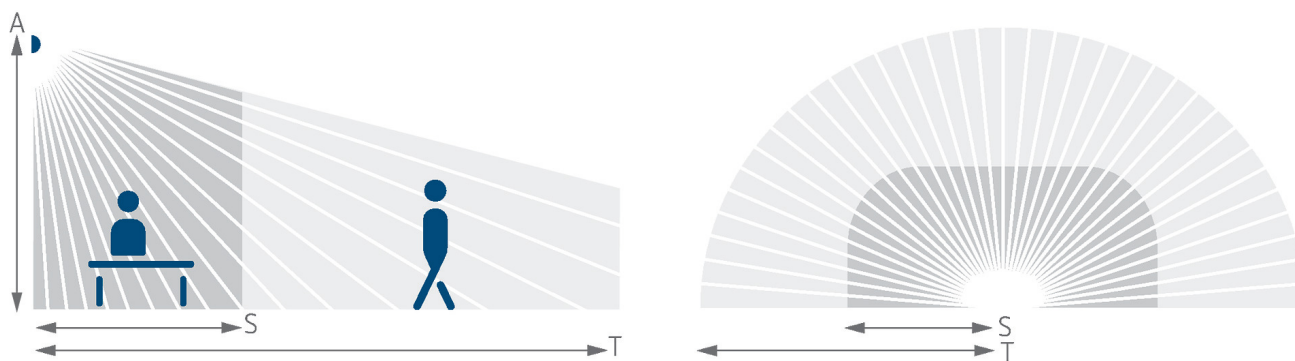
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Connection example

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

Mounting height (A)	Walking (T)	Sitting (S)	
2.2 m	100 m² | 8 m	25 m² | 7 m x 3.5 m	

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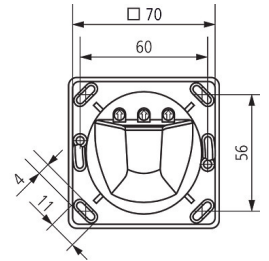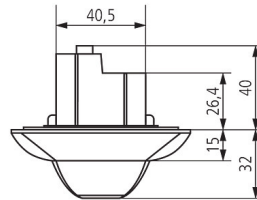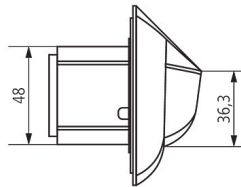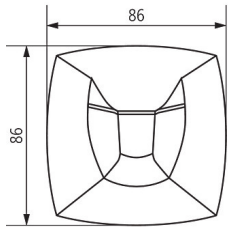
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PresenceLight 180

Item no.: 2000050

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Scale drawings

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86

48
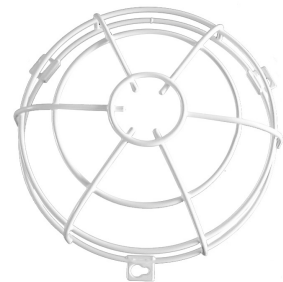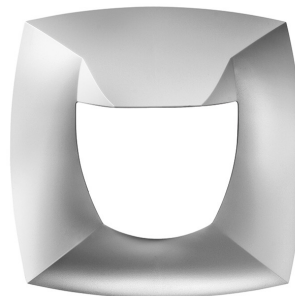
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11

Accessories

clic
Item no.: 9070515

Cover frame PresenceLight 180 WH
Item no.: 9070629

Cover frame PresenceLight 180 SR
Item no.: 9070627

QuickSafe
Item no.: 9070531

Cover frame PresenceLight 180 BK
Item no.: 9070628

Surface frame PresenceLight
Item no.: 9070513

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01/03/2023

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