

# PresenceLight 180B-KNX WH

Item no.: 2009050

**theben**  
energy saving comfort

Presence and motion detectors  
Indoor detectors

## Description

- Presence detector (PIR)
- Type of protection IP 54
- Mixed light measurement
- Detection area 180°
- Wall installation
- Presence and brightness-dependent control for lighting and HVAC systems
- Choice of fully or semi-automatic lighting control
- Connection option for sensors or switches for manual switching with automatic recognition
- Adjustable sensitivity
- Can be configured remotely
- Installation with mechanical stop
- Lighting control with brightness threshold value and self-learning switch-off delay
- Pulse function for staircase time switch
- Presence output with switch-on and switch-off delay
- Room monitoring with selective movement detection
- Parameters can be selected for subsequent changes
- Test operation mode checks the detection area and brightness threshold
- Management remote control SendaPro 868-A (optional)
- theSenda S user remote control (optional)



## Technical data

PresenceLight 180B-KNX WH	
Installation height	1.6 – 2.2 m
Measuring range brightness	5 – 2000 lx
Detection angle	180°
Type of connection	KNX bus terminal
Installation type	Wall installation
Light switch-off delay	30 s-60 min
Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs

PresenceLight 180B-KNX WH	
Light measurement	Mixed light measurement
Stand-by time light	30 s – 60 min , on, inactive
Presence switch-off delay	10 s-120 min
Switch-on delay presence	10 s – 30 min / inactive
Ambient temperature	-10°C ... 50°C
Detection range	100 m <sup>2</sup> (ø 16 m   180°)
Colour	White
Type of protection	IP 54

## Detection range for planning applications

Mounting height (A)	Walking (T)	Sitting (S)
2.2 m	100 m <sup>2</sup>   8 m	25 m <sup>2</sup>   7 m x 3.5 m

Subject to technical changes and misprints

additional information at: [www.theben.de/product/2009050](http://www.theben.de/product/2009050)

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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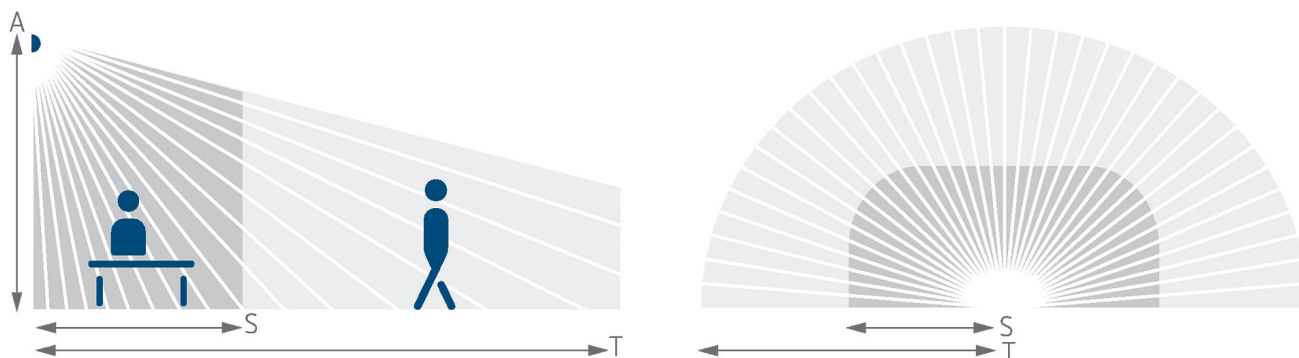
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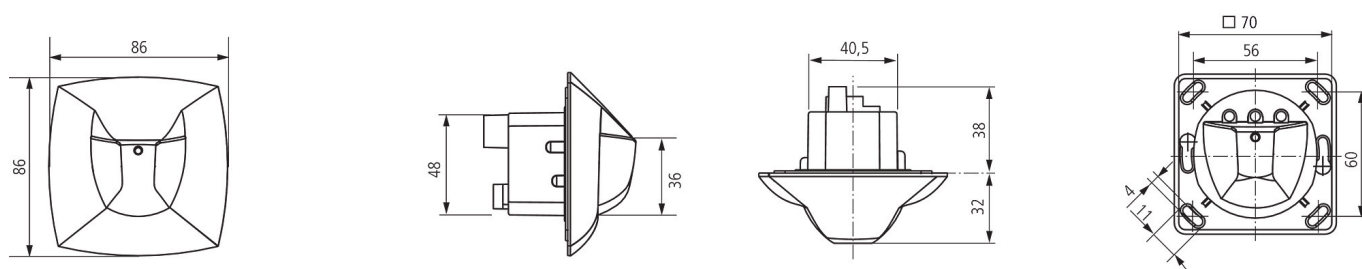
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## Detection range for planning applications



## Scale drawings



## Accessories

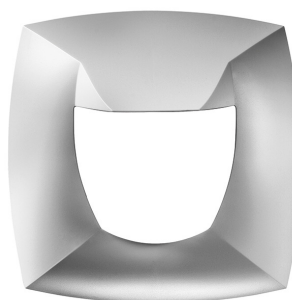
**theSenda S**  
Item no.: 9070911



**Cover frame PresenceLight 180 WH**  
Item no.: 9070629



**Cover frame PresenceLight 180 SR**  
Item no.: 9070627



**Cover frame PresenceLight 180 BK**  
Item no.: 9070628



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## Accessories

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### Surface frame PresenceLight

Item no.: 9070513



### theSenda B

Item no.: 9070985

