

PlanoSpot 360 KNX DE WH

Item no.: 2039100

theben

Presence and motion detectors Ceiling installation indoor

Description

- Passive infra-red presence detector KNX for ceiling installation in false ceilings
- Square detection area 360°, 7 x 7 m, (49 m²) at mounting height 3 m
- 3 channels light and 2 channels presence
- Automatic presence- and brightness-dependent control for lighting and HVAC
- Two differently sized detection zones for greater flexibility. Adjustable via parameters or remote control.
- Manual alignment of the detection area (swivel mechanism)
- Mixed light measurement suitable for fluorescent lamps (FL/PL/ESL), halogen/incandescent lamps and LEDs
- 3 directed light measurements
- 2 light channels C1, C2 with 2 light measurements and additional lighting channel C3 without brightness factor
- Switched or constant light control with 2 independent control systems and standby function (orientation light)
- Switching mode with dimmable lighting
- Fully or semi-automatic
- Brightness switching value or set point value can be set in lux by using parameters, the object or via remote control
- Teach-in of the brightness switching value or the set point value
- Light time delay configurable
- Self-learning time delay can be set using parameters, object or via remote control
- Reduction of time delay when present briefly (short-term presence)
- Manual override by telegram or remote control
- 2 presence channels C4, C5, individually configurable
- Switch-on delay and time delay configurable
- Room monitoring with selective movement detection
- Setting the room correction factor for brightness measurement comparison
- Configurable sensitivity
- Extremely simple setting of the energy-saving ratio with the new «eco plus» function
- Test mode for checking function and detection area
- Scenarios
- Parallel switching of multiple presence detectors (Master/Slave or Master/Master)
- Installation in false ceilings with springs
- Surface mounting on ceilings possible with the AP-frame (optional)
- User remote control «theSenda S» (optional)
- Management remote control «SendoPro» (optional)
- Installation remote control «theSenda P» (optional)



Subject to technical changes and misprints

additional information at: www.theben.de/product/2039100

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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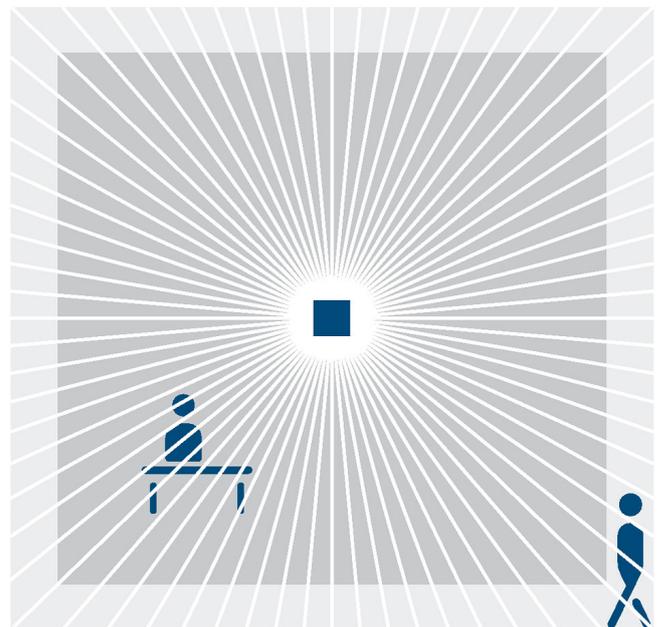
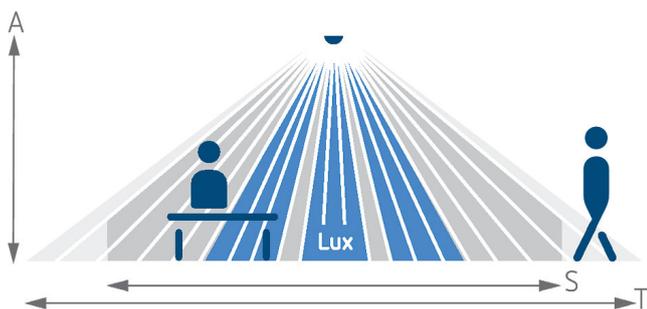


Technical data

| PlanoSpot 360 KNX DE WH | | PlanoSpot 360 KNX DE WH | |
|----------------------------|--|---------------------------|--------------------------|
| Installation height | 2 - 3.5 m | Light measurement | Mixed light measurement |
| Minimum height | 1.7 m | Presence switch-off delay | 10 s - 120 min |
| Measuring range brightness | 10 - 3000 lx | Switch-on delay presence | 10 s - 30 min / inactive |
| Detection angle | 360° | Ambient temperature | 0°C ... 50°C |
| Type of connection | KNX bus terminal | Detection range | 49 m² (7,0 x 7,0 m) |
| Installation type | Ceiling mounting | Colour | White |
| Light switch-off delay | 30 s - 60 min | Type of protection | IP 20 |
| Lamp types | Energy saving lamps, fluorescent lamps, Incandescent/halogen lamps, LEDs | | |

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

| Mounting height (A) | Sitting (S) | Walking (T) |
|---------------------|-----------------------|-------------------------------|
| 2 m | 9 m² 3 m x 3 m | 20 m² 4.5 m x 4.5 m ± 0.5 m |
| 2.5 m | 16 m² 4 m x 4 m | 36 m² 6 m x 6 m ± 0.5 m |
| 3 m | 20 m² 4.5 m x 4.5 m | 49 m² 7 m x 7 m ± 1 m |
| 3.5 m | | 64 m² 8 m x 8 m ± 1 m |



Detection range according to Sensnorm IEC 63180

| Mounting height (A) | Diagonally (T) | Head on to (R) | Sitting (S) |
|---------------------|-----------------------|-----------------------|-------------------|
| 2.5 m | 40 m² 6.3 m x 6.3 m | 23 m² 4.8 m x 4.8 m | 16 m² 4 m x 4 m |

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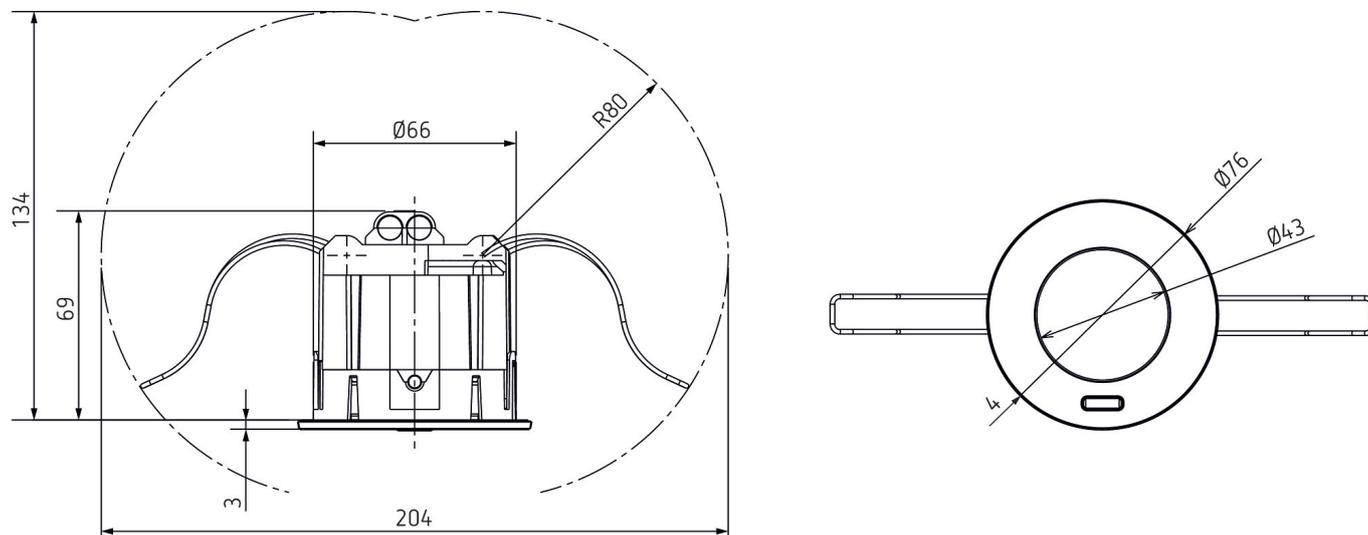
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Scale drawings



Accessories

theSenda P
Item no.: 9070910



theSenda S
Item no.: 9070911



PlanoCover 76 BK
Item no.: 9070977



PlanoCover 76 SR
Item no.: 9070978



theSenda B
Item no.: 9070985



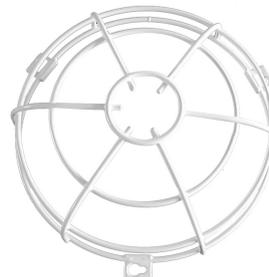
Surface frame 75B WH
Item no.: 9070796



Surface frame 75B BK
Item no.: 9070824



QuickSafe
Item no.: 9070531



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