PlanoSpot 360 KNX DE WH

Item no.: 2039100

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)

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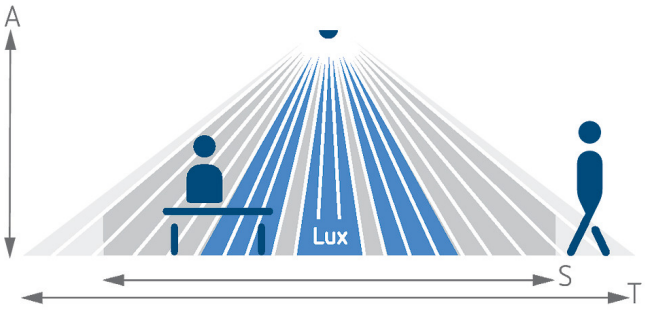
Technical data

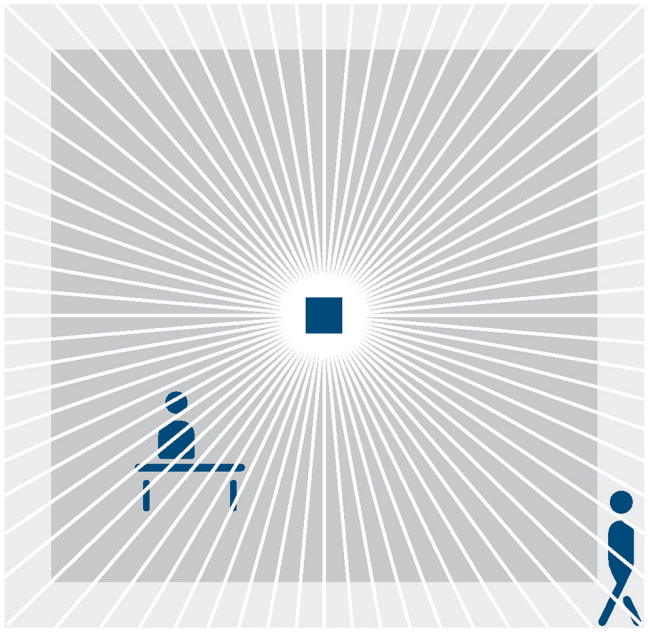
	PlanoSpot 360 KNX DE WH
Installation height	2 - 3.5 m
Minimum height	1.7 m
Detection angle	360°
Type of connection	KNX bus terminal
Installation type	Ceiling mounting
Light switch-off delay	30 s - 60 min
Lamp types	Energy saving lamps, fluorescent lamps, Incandescent/halogen lamps, LEDs
Light measurement	Mixed light measurement
Presence switch-off delay	10 s - 120 min
Switch-on delay presence	10 s - 30 min / inactive

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Cut-out	68 mm
Ambient temperature	0°C ... 50°C
Detection range	49 m² (7 x 7 m)
Colour	White (similar RAL 9010)
Type of protection	IP 20
Predeccessor	2039300, PlanoSpot 360 KNX S DE WH, 2059102, PlanoCentro EWH-A KNX, 2059202, PlanoCentro UWH-A KNX
GWP Cradle-to-Gate (A1-A3)	3.54 kg CO_2 eq
GWP Cradle-to-Grave (A1-C4)	10.26 kg CO_2 eq

Detection Area 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





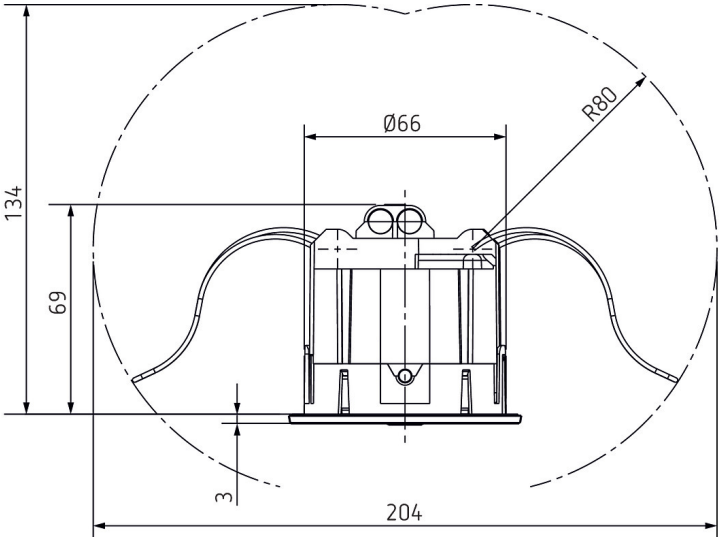
Detection Area according to Sensnorm IEC 63180

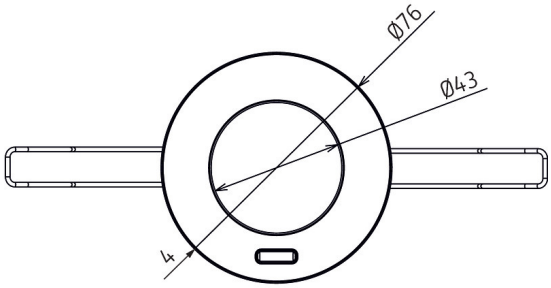
Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)
2.5 m	40 m² | 6.3 m x 6.3 m	23 m² | 4.8 m x 4.8 m	16 m² | 4 m x 4 m

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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

