theben

energy saving comfort

KNX®

Flexible, flat, feature-rich
Presence detector PlanoSpot KNX

A new dimension of presence dependent lighting control:
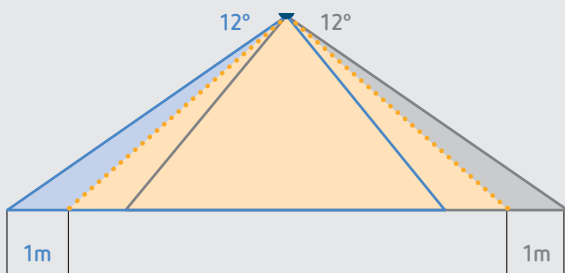# PlanoSpot KNX by ThebenHTS

Room situations in offices are changing faster today than ever before. The new Plano Spot KNX by ThebenHTS is the first presence detector on the market with a **mechanically moving detection area.** This makes Plano Spot KNX the optimal presence detector for spaces where a **flexible floor plan is important**.

Should the KNX presence detector even detect too much, you can **easily reduce its detection area by remote control** or via the ETS parameters.

But PlanoSpot can do even more: thanks to its **three directed light measurements**, it ensures pleasant **constant lighting conditions.** In any weather and in any season. And even if no persons are detected. A feature that ensures a high degree of security especially in schools, museums and hospitals.

Adjustable detection area

The mirror optics of the square detection area can be tilted mechanically by **up to 12° to the left and right**. This way, the **detection area can be shifted by up to ± 1 m** in order to detect changing room layouts better.

12°   12°

1m   1m

☑ First presence detector with an adjustable detection area for greater flexibility in room usage

☑ Precise delineation of the detection area by motion sensors that can be switched on and off separately

☑ Constant lighting control through 3 directed light measurements

☑ Comfortable adjustment of the detection area in continuous operation by remote control

PlanoSpot 360 KNX
Minimum dimensions, maximum performance

Functions

- Passive infrared presence detector for ceiling installation
- With mixed light measurement between 5 and 3000 lux
- 2 lighting channels with light measurement,
  1 channel without brightness influence
- 2 presence channels can be adjusted separately, optionally
  with 5 different telegram types
- Constant light control or switching operation with two
  autonomous controls and standby functionality
- New constant light control without influence of presence
- Lighting dimmable in switching operation
- New "eco plus" function for even greater energy savings
- Reduced time delay when briefly present
  (short-term presence)
- Room monitoring
- Detection sensitivity is adjustable
- The room correction factor can be used to adjust light
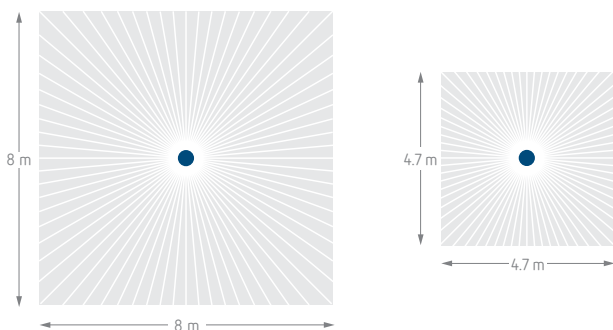 measurement to the actual conditions

Original size

Technical Details

- Beautiful, flat design (3 mm flat bezel frame)
- Top detection in customary ThebenHTS quality
- Two selectable detection zones:
  - Detection area standard: 8 x 8 m
  - Detection area reduced: 4.7 x 4.7 m
- Additional manual alignment of the detection area possible (swivel mechanism)
- Remote operation
- Brightness values can be queried by remote control
- Installation depth: 69 mm
- Installation diameter: 66 mm (bore 68 mm)

More flexible alignment, more precise detection
Detection areas

Your room layout has changed after installation? No problem! PlanoSpot KNX's detection area can be reduced by two thirds via remote control. Alternatively, the ETS parameters can also be changed accordingly.

Standardised detection area

Height	Moving	Seated
2.0 m	20 m² (4.5 x 4.5 m)	9 m² (3.0 x 3.0 m)
2.5 m	36 m² (6.0 x 6.0 m)	16 m² (4.0 x 4.0 m)
3.0 m	49 m² (7.0 x 7.0 m)	20 m² (4.5 x 4.5 m)
3.5 m	64 m² (8.0 x 8.0 m)	

Reduced detection area

Height	Moving	Seated
2.0 m	4.4 m² (2.1 x 2.1 m)	4.0 m² (2.0 x 2.0 m)
2.5 m	9 m² (3.0 x 3.0 m)	6.3 m² (2.5 x 2.5 m)
3.0 m	14.4 m² (3.8 x 3.8 m)	9.0 m² (3.0 x 3.0 m)
3.5 m	22.1 m² (4.7 x 4.7 m)	

Function-rich and versatile
Highlights at a glance:

Three directed light measurements	High tech Mirror optics
Adjustable detection-area	Reducible detection-areas
Constant lighting control	Presence-independent lighting control
Short-term presence	Self-learning time delay
Easy to use remote control	Full and semi-automatic
Clever teach-in-function	Practical test function
Sensitive room surveillance	Sustainably energy efficient
Easy installation	76mm Outside diameter

Everything at a glance
Article numbers and accessories

PlanoSpot KNX

Colour	Type	Article No.
White	PlanoSpot 360 KNX DE WH	2039100
Black	PlanoSpot 360 KNX DE BK	2039101
Silver	PlanoSpot 360 KNX DE SR	2039102
Special colour	PlanoSpot 360 KNX DE SF	2039103

Remote controls

Type	Article No.
User remote control theSenda S	9070911
Service remote control theSenda P	9070910
Management remote control Sendo Pro 868-A	9070675

Accessories

Type	Colour	Article No.
Back box 75A WH	White	9070949
Back box 75A BK	Black	9070950
Back box 75A SR	Silver	9070951

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