

# thePixa P360 24V KNX Set AP WH

Item no.: 2269311



KNX  
Sensor technology

## Description

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- KNX optical sensor set for surface-mounted ceiling installation indoors
- Set consists of optical sensor, PIR unit and surface-mounted frame
- KNX Data Secure
- Rectangular detection area (Total area 11.0 x 15.5 m 171 m<sup>2</sup>; at 4.5 m installation height)
- Automatic presence and brightness-dependent control for lighting and HVAC
- Adjustment of brightness measurements via thePixa Plug app
- Configurable sensitivity of sensor
- Distinction between motion and presence
- Parallel switching of multiple sensors (Master/Slave or Master/Master)
- Test mode for checking function and detection area via app (thePixa Plug)
- Output of occupancy rate and occupancy density via telegram
- Integrated temperature sensor
- thePixa Plug app for settings and evaluations (iOS/Android)
- KNX firmware update possible (ETS app)
- Sensor firmware update possible (thePixa Plug app)
- 6 channels light, Z1 light – Z6 light:
- Switching or constant lighting control with 6 independent control systems and standby function (orientation light)
- Switching mode with dimmable lighting
- Free switch object with configuration type switching
- Fully or semi-automatic device
- Brightness switching value configurable in lux by using parameters
- Brightness switching value configurable in lux by using parameters and telegram
- Light time delay configurable by using parameters
- Aura effect for better orientation and greater safety
- Manual override by telegram
- 6 channels HKL, Z1 HKL – Z6 HKL:
- Configurable switch-on delay and time delay
- Sending of operating mode
- Separate block telegram
- 6 channels room occupancy, Z1 room occupancy – Z6 room occupancy:
- Output of number of persons
- Control of a fan with up to 3 stages
- 3 configurable thresholds (threshold switch)



Subject to technical changes and misprints

additional information at: [www.theben.de/product/2269311](http://www.theben.de/product/2269311)

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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Page 1 of 3

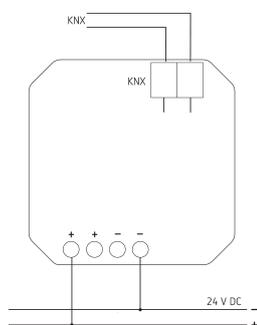
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## Technical data

| thePixa P360 24V KNX Set AP WH |                         | thePixa P360 24V KNX Set AP WH |                          |
|--------------------------------|-------------------------|--------------------------------|--------------------------|
| Operating voltage              | 24 V DC                 | Switch-on delay presence       | 0 s - 120 min / inactive |
| Stand-by consumption           | ≤67 mA                  | Ambient temperature            | -5°C ... 45°C            |
| Minimum height                 | 2.5 m                   | Colour                         | White                    |
| Measuring range brightness     | 5 - 3000 lx             | Setting range temperature      | -15°C ... 60°C           |
| Type of connection             | KNX bus terminal        | Type of protection             | IP 20                    |
| Installation type              | Flush-mounted           |                                |                          |
| Light measurement              | Mixed light measurement |                                |                          |

## Connection example



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

| Mounting height (A) | Walking (T)                         | Sitting (S)                        |  |
|---------------------|-------------------------------------|------------------------------------|--|
| 2.5 m               | 54 m <sup>2</sup>   6 m x 9 m       | 22 m <sup>2</sup>   4 m x 5.5 m    |  |
| 3 m                 | 79 m <sup>2</sup>   7.5 m x 10.5 m  | 35 m <sup>2</sup>   5 m x 7 m      |  |
| 3.5 m               | 102 m <sup>2</sup>   8.5 m x 12 m   | 51 m <sup>2</sup>   6 m x 8.5 m    |  |
| 4 m                 | 128 m <sup>2</sup>   9.5 m x 13.5 m | 79 m <sup>2</sup>   7.5 m x 10.5 m |  |
| 4.5 m               | 171 m <sup>2</sup>   11 m x 15.5 m  | 102 m <sup>2</sup>   8.5 m x 12 m  |  |

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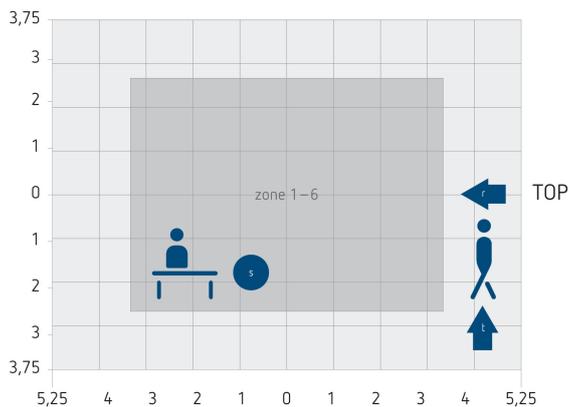
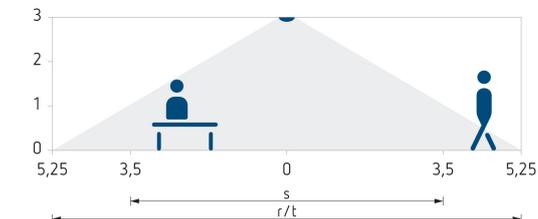
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## Detection range for planning applications at a temperature of 21 °C



## Scale drawings

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