thePixa P360 24V KNX UP BK

Item no.: 2269212

theben

Presence and motion detectors
Indoor detectors

Description

- Optical sensor for ceiling installation
- KNX Data Secure
- Rectangular detection area with up to 6 flexible detection zones (Total area 11.0 x 15.5 m 171 m²; at 4.5 m installation height)
- Restriction of the detection area via app (thePixa Plug)
- Automatic presence and brightness-dependent control for lighting and HVAC
- Each detection zone has its own light measurement
- 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
- Ceiling installation in flush-mounting box (2-point fixing)
- Surface mounting on ceilings possible with surface frame (option)
- 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)

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Technical data

	thePixa P360 24V KNX UP BK
Operating voltage	24 V DC
Stand-by consumption	≤67 mA
Installation height	2.5 − 4.5 m
Minimum height	≥ 2,5 m
Measuring range brightness	5 − 3000 lx
Type of connection	KNX bus terminal
Installation type	Flush-mounted
Light switch-off delay	0 s − 60 min

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Light measurement	Mixed light measurement
Switch-on delay presence	0 s − 120 min / inactive
Ambient temperature	-5°C … 45°C
Colour	Black
Setting range temperature	-15°C … 60°C
Type of protection	IP 20

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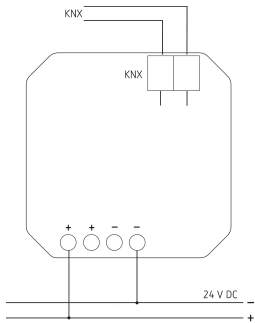
Detection range for planning applications at a temperature of 21 °C

Mounting height (A)	Walking (T)	Sitting (S)
2.5 m	54 m² | 6 m x 9 m	22 m² | 4 m x 5.5 m
3 m	79 m² | 7.5 m x 10.5 m	35 m² | 5 m x 7 m
3.5 m	102 m² | 8.5 m x 12 m	51 m² | 6 m x 8.5 m
4 m	128 m² | 9.5 m x 13.5 m	79 m² | 7.5 m x 10.5 m
4.5 m	171 m² | 11 m x 15.5 m	102 m² | 8.5 m x 12 m

Subject to technical changes and misprints

additional information at: www.theben.de/product/2269212
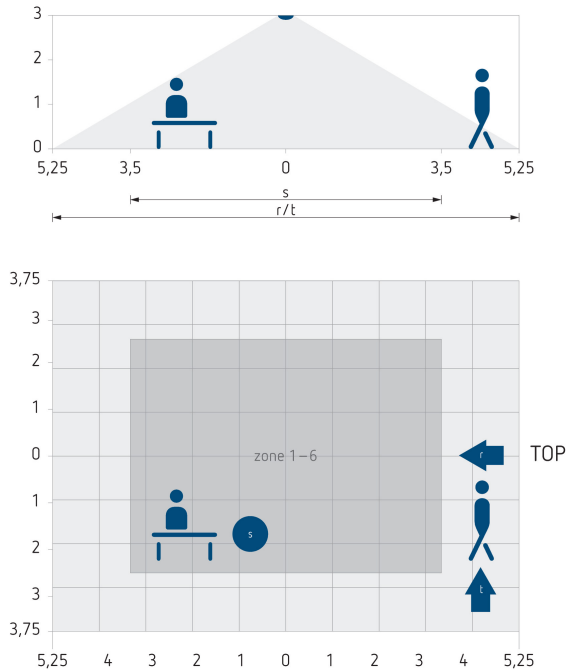
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.
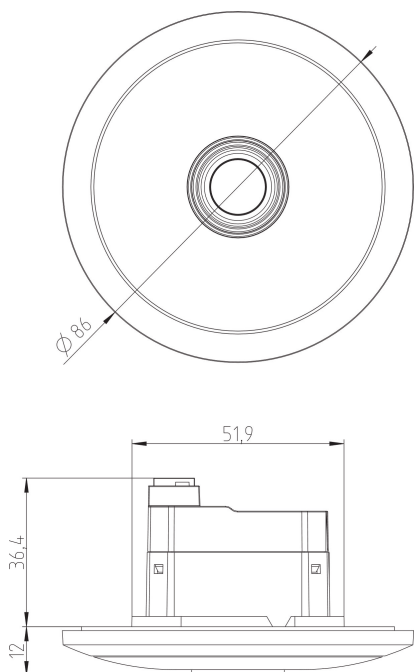
27/01/2023

Page 2 of 4

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

Scale drawings

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27/01/2023

Page 3 of 4

Accessories

Power unit 24 V DC
Item no.: 9079330

Ceiling installation box 68A
Item no.: 9070992

Surface frame thePixa WH
Item no.: 9070816

Surface frame thePixa WH
Item no.: 9070443

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27/01/2023

Page 4 of 4