

**B.E.G.****LUXOMAT®**

## PD4N-1C-C-SM Set 92270-92441

230V PIR motion detector with 360° coverage and a detection area of up to 40x5m (250 m²), suitable for hallways and remote-controlled

### Order data

| Designation        | Colour | Art.No |
|--------------------|--------|--------|
| PD4N-1C-C-SM       | white  | 92270  |
| Wall holder PD4-SM | white  | 92441  |

### Areas of application

- corridors/hallways

## Technical data

|                                           |                                                              |
|-------------------------------------------|--------------------------------------------------------------|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz                                 |
| Dimensions:                               | <b>Ø 109 x 65<br/>mm + 130 x<br/>100 x 53 mm<br/>(92441)</b> |
| Power consumption:                        | approx. 0.4 W                                                |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)                     |
| Range:                                    | max. Ø 40 m<br>across<br>max. Ø 20 m<br>towards              |
| Monitored area (tangential<br>movement):  | 250 m <sup>2</sup> / 2.5 m<br>mounting<br>height             |
| Mounting height<br>min./max./recommended: | 2.4 m / 2.6 m /<br>2.5 m                                     |
| Degree / class of<br>protection:          | IP44 / Class II                                              |
| Impact strength:                          | IK04                                                         |
| Ambient temperature:                      | -25 °C to +50<br>°C                                          |
| Housing:                                  | polycarbonate,<br>UV-resistant                               |
| Material color:                           | white mat,<br>similar to<br>RAL9010                          |

### Channel 1 (lighting control)

|                      |                                                                                                                                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switching power:     | 2300 W, $\cos \varphi$<br>= 1<br>1150 VA, $\cos \varphi$<br>= 0.5<br>800 W LED<br>max. inrush<br>current $I_p$ (20<br>ms) = 165 A<br>max. inrush<br>current $I_p$ (200<br>µs) = 800 A |
| Type of contact (k): | 1x µ-contact,<br>NO contact with<br>tungsten pre-<br>make contact                                                                                                                     |
| Follow-up time:      | 15 sec – 30<br>min, Pulse                                                                                                                                                             |
| Switch-on threshold: | 10 – 2000 Lux                                                                                                                                                                         |

## Product information

Set : PD4N-1C-C-SM + Wall holder PD4-SM white

Remote control-capable ceiling motion detector designed for corridors

One channel for light switching

Zero crossing switching

Special optical system for detection of even the smallest movements

Additional functions can be set up using the optional remote control.

Uninterrupted parallel circuit detection of several detectors

Manual switching via push-button possible

Factory settings 10 min and 500 lux

There are markings to ensure correct alignment during installation



## Set items

To receive the bundle according to the technical specification, please order the items listed.



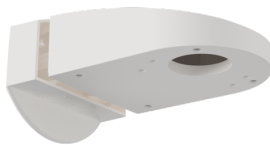
### **PD4N-1C-C-SM**

Art.No: 92270

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 109 x 65 mm

Power consumption: approx. 0.4 W



### **Wall holder PD4-SM**

Art.No: 92441

Dimensions: 130 x 100 x 53 mm

Housing: polycarbonate, UV-resistant

Material color: white