

**B.E.G.****LUXOMAT®**

## PD4N-1C-FC Set 92149-92199-93737

230V PIR motion detector with 360° detection and a range of up to Ø24m (450 m²), remote-controlled

### Order data

| Designation                     | Colour        | Art.No |
|---------------------------------|---------------|--------|
| PD4N-1C-FC                      | white         | 92149  |
| Wire basket BSK (Ø 200 x 90 mm) | white         | 92199  |
| lens PD4N-1C, Cover ring        | traffic white | 93737  |

### Areas of application

- entrance halls
- corridors/hallways
- toilets
- equipment rooms

## Technical data

|                                           |                                                                                                   |
|-------------------------------------------|---------------------------------------------------------------------------------------------------|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz                                                                      |
| Dimensions:                               | <b>Ø 200 x 90 mm<br/>(92199)</b>                                                                  |
| Power consumption:                        | approx. 0.5 W<br>horizontal 360°                                                                  |
| Detection area:                           | (Ceiling<br>mounting)<br>max. Ø 24 m<br>across<br>max. Ø 8 m<br>towards<br>max. Ø 6.4 m<br>seated |
| Range:                                    |                                                                                                   |
| Monitored area<br>(tangential movement):  | 450 m² / 2.5 m<br>mounting height                                                                 |
| Mounting height<br>min./max./recommended: | 2 m / 5 m / 2.5<br>m                                                                              |
| Degree / class of<br>protection:          | IP23 / Class II                                                                                   |
| Impact strength:                          | <b>IK09 (92199)</b>                                                                               |
| Ambient temperature:                      | -25 °C to +50 °C                                                                                  |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b>                      |
| Material color:                           | <b>traffic white<br/>mat, similar to<br/>RAL9016<br/>(93737)</b>                                  |

### Channel 1 (lighting control)

|                      |                                                                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switching power:     | 2300 W, $\cos \varphi = 1$<br>1150 VA, $\cos \varphi = 0.5$<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, NO<br>contact with<br>tungsten pre-<br>make contact                                                                                                               |
| Follow-up time:      | 15 sec – 30 min,<br>Pulse                                                                                                                                                       |
| Switch-on threshold: | 10 – 2000 Lux                                                                                                                                                                   |

## Product information

Set : PD4N-1C-FC + Wire basket BSK (Ø 200 x 90 mm) white + lens PD4N-1C, Cover ring traffic white mat, similar to RAL9016

Remote-control capable ceiling motion detector with large detection range

One channel for light switching

Zero crossing switching

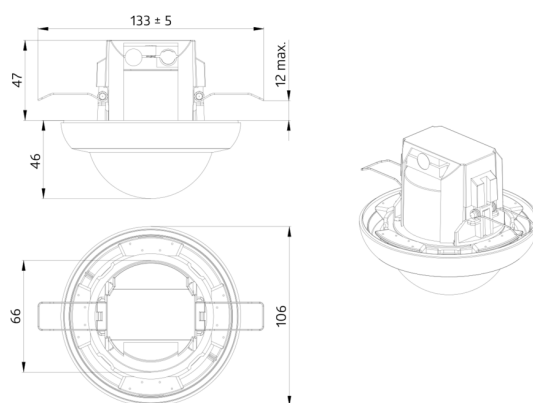
Special optical system for detection of even the smallest movements

Uninterrupted parallel circuit detection of several detectors

Manual switching via push-button possible

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

Factory settings 10 min and 500 lux



## Set items

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



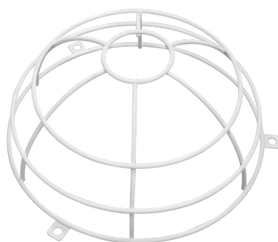
### **PD4N-1C-FC**

Art.No: 92149

Voltage: 110 - 240 V AC 50 / 60 Hz

Dimensions: Ø 106 x 90 mm

Power consumption: approx. 0.5 W



### **Wire basket BSK (Ø 200 x 90 mm)**

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket



### **lens PD4N-1C, Cover ring**

Art.No: 93737

Detection area: horizontal 360° (Ceiling mounting)

Range: max. Ø 24 m across

max. Ø 8 m towards

max. Ø 6.4 m seated

Monitored area (tangential movement):  
450 m² / 2.5 m mounting height