

**B.E.G.****LUXOMAT®**

## PD4N-1C-FM Set 92151-92199

230V PIR motion detector with 360° coverage and a range of up to Ø24meters (450 m²), remote-controlled

### Order data

| Designation                     | Colour | Art.No |
|---------------------------------|--------|--------|
| PD4N-1C-FM                      | white  | 92151  |
| Wire basket BSK (Ø 200 x 90 mm) | white  | 92199  |

### Areas of application

- 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                                                                                                        |
| Detection area:                           | horizontal 360°<br>(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:          | IP20 / 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:                           | white mat,<br>similar to<br>RAL9010                                                                                  |

### 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-FM + Wire basket BSK (Ø 200 x 90 mm) white

Remote-control capable ceiling motion detector with large detection range

One channel for light switching

Zero crossing switching

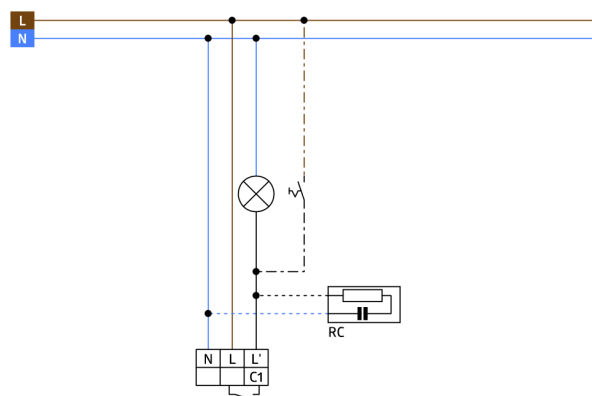
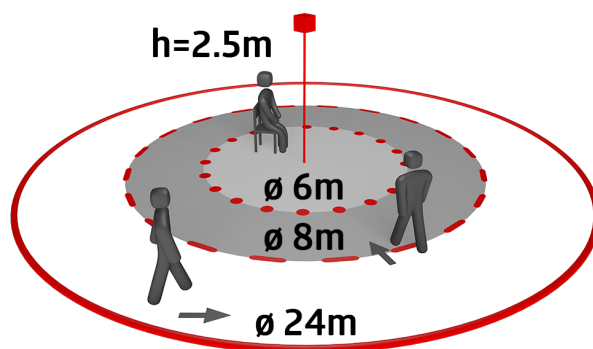
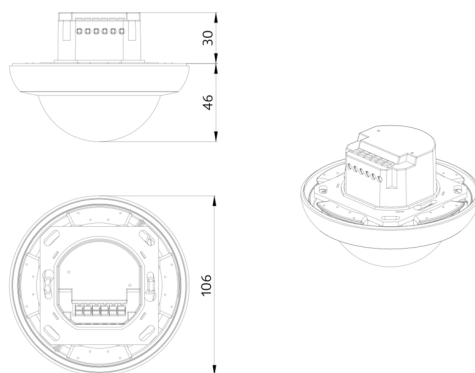
Special optical system for detection of even the smallest movements

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-FM**

Art.No: 92151

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 106 x 76 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