

**B.E.G.****LUXOMAT®**

## PD4N-1C-C-FC

92274 EAN: 4007529922741

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

### Areas of application

- corridors/hallways

### Order data

| Designation  | Colour | Art.No |
|--------------|--------|--------|
| PD4N-1C-C-FC | white  | 92274  |

### Accessories

| Designation                     | Colour | Art.No |
|---------------------------------|--------|--------|
| RC-Arc extinction kit           | white  | 10880  |
| Mini-RC-Arc extinction kit      |        | 10882  |
| BLE-IR-Adapter                  | black  | 93067  |
| IR-Adapter for Smartphones      | black  | 92726  |
| IR-PD3N                         | -      | 92105  |
| IR-PD3/4N-1C-E                  | -      | 93110  |
| IR-PD-Mini                      | -      | 92159  |
| Wire basket BSK (Ø 200 x 90 mm) | white  | 92199  |

## Technical data

|                                           |                                                                   |
|-------------------------------------------|-------------------------------------------------------------------|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz                                      |
| Dimensions:                               | Ø 106 x 90 mm                                                     |
| Power consumption:                        | approx. 0.4 W                                                     |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)<br>max. Ø 40 m<br>across |
| Range:                                    | max. Ø 20 m<br>towards                                            |
| Monitored area (tangential<br>movement):  | 250 m² / 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:          | IP23 / 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

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

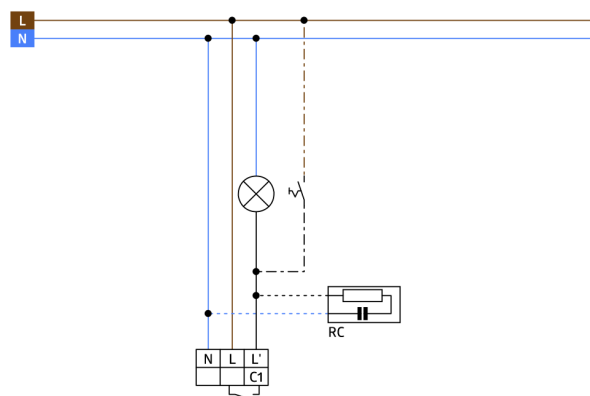
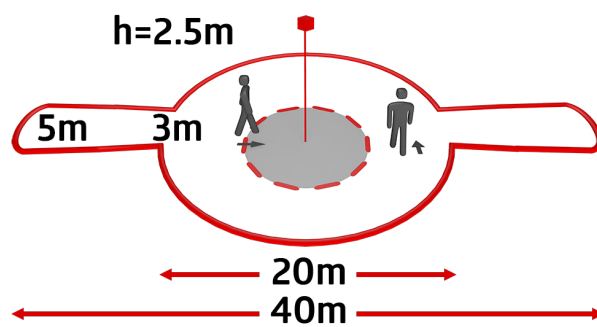
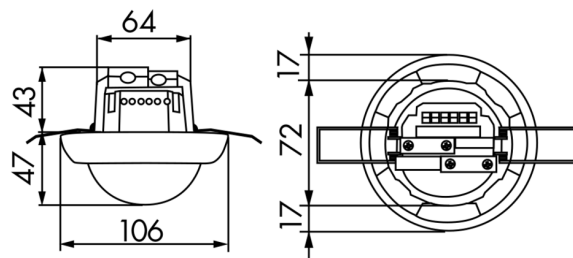
Manual switching via push-button possible

Factory settings 10 min and 500 lux

There are markings to ensure correct alignment during installation

### Application examples:

corridors/hallways



## Accessories



### RC-Arc extinction kit

Art.No: 10880

Voltage: 230 V AC ±10%  
 Dimensions: 38 x 12 x 26 mm  
 Degree / class of protection: IP20 /  
 Class II



### Mini-RC-Arc extinction kit

Art.No: 10882

Voltage: 230 V AC ±10%  
 Dimensions: 50 x 23 x 8 mm  
 Degree / class of protection: IP20 /  
 Class II



### BLE-IR-Adapter

Art.No: 93067

Dimensions: 40 x 55 x 103 mm  
 Material color: black  
 Frequency: 2.4 GHz ISM band, GFSK  
 0.2 dBm + 5.3 dBi = 5.5 dBm



### IR-Adapter for Smartphones

Art.No: 92726

Dimensions: 47 x 19 x 10 mm  
 Degree / class of protection: IP20  
 Ambient temperature: -20 °C to +40 °C



### IR-PD3N

Art.No: 92105

Battery: 3.0 V Lithium CR2032 (inclusive)  
 Dimensions: 80 x 60 x 8 mm  
 Material color: -



### IR-PD3/4N-1C-E

Art.No: 93110

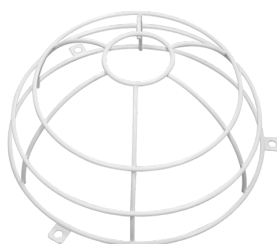
Battery: 3.0 V Lithium CR2032 (inclusive)  
 Dimensions: 80 x 60 x 8 mm  
 Material color: -



### IR-PD-Mini

Art.No: 92159

Battery: 3.0 V Lithium CR2032 (inclusive)  
 Dimensions: 57 x 35 x 7 mm  
 Material color: -



### Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

Dimensions: Ø 200 x 90 mm  
 Impact strength: IK09  
 Housing: coated steel basket