

**B.E.G.****LUXOMAT®**

## PD2-M-1C-FC

Prod.No. 92565 EAN: 4007529925650

- Voltage: 110 – 240 V AC 50 / 60 Hz
- Dimensions: Ø 80 x 85 mm
- Power consumption: approx. 0.4 W

### Areas of application

- equipment rooms
- small offices
- entrance halls
- corridors/hallways
- staircases
- toilets
- open-plan offices
- conference rooms

### Order data

| Designation | Colour | Art.No |
|-------------|--------|--------|
| PD2-M-1C-FC | white  | 92565  |

### Accessories

| Designation                     | Colour | Art.No |
|---------------------------------|--------|--------|
| RC-Arc extinction kit           | white  | 10880  |
| Mini-RC-Arc extinction kit      |        | 10882  |
| BLE-IR-Adapter                  | black  | 93067  |
| IR-PD-1C                        | -      | 92520  |
| IR-PD-1C-E                      | -      | 92077  |
| IR-PD-Mini                      | -      | 92159  |
| Wire basket BSK (Ø 200 x 90 mm) | white  | 92199  |
| Cover ring PD2/PD3 FC           |        | 93085  |
| Blinds PD2-FC                   |        | 36635  |

## Technical data

|   |  |
|---|--|
| Voltage:                                  | 110 – 240 V AC<br>50 / 60 Hz   |
| Dimensions:                               | Ø 80 x 85 mm   |
| Power consumption:                        | approx. 0.4 W  |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)<br>max. Ø 10 m<br>across<br>max. Ø 6 m<br>towards<br>max. Ø 4 m<br>seated |
| Range:                                    | 78 m <sup>2</sup> / 2.5 m<br>mounting<br>height  |
| Monitored area (tangential<br>movement):  | 2 m / 5 m / 2.5<br>m   |
| Mounting height<br>min./max./recommended: | IP20 / Class II  |
| Degree / class of<br>protection:          | IK05   |
| Impact strength:                          | -25 °C to +50<br>°C  |
| Ambient temperature:                      | polycarbonate,<br>UV-resistant   |
| Housing:                                  | white mat,<br>similar to<br>RAL9010  |
| Material color:                           |  |

### Channel 1 (lighting control, potential-free (dry))

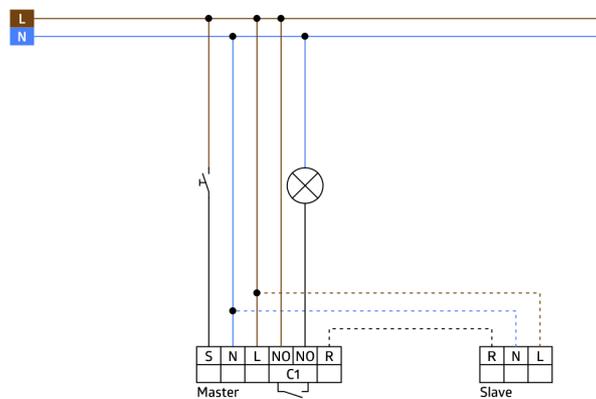
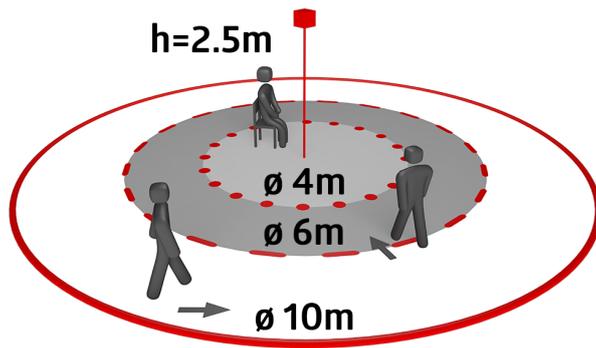
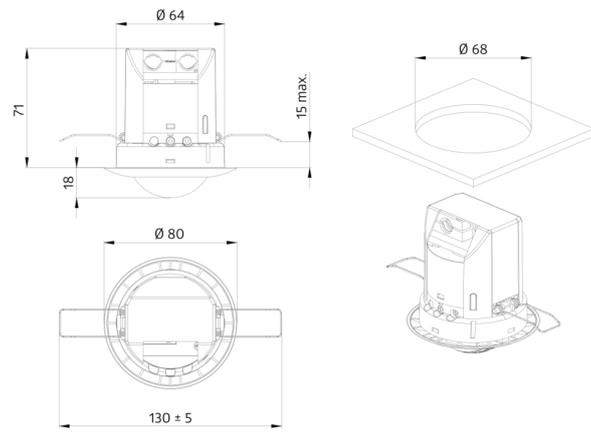
|                      |  |
|----------------------|--|
| Switching power:     | 2300 W, $\cos \varphi$<br>= 1<br>1150 VA, $\cos \varphi$<br>= 0.5<br>800 W LED<br>max. inrush<br>current $I_p$ (20<br>ms) = 165 A<br>max. inrush<br>current $I_p$ (200<br>$\mu$ s) = 800 A |
| Type of contact (k): | 1x $\mu$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

## Product information

|   |
|---|
| Occupancy detector with one potential-free dry contact                |
| Version as master device  |
| One channel for light switching                                       |
| Detection area can be extended by using slave devices                 |
| Manual switching via push-button possible                             |
| Additional functions can be set up using the optional remote control. |
| Factory settings 10 min and 500 lux                                   |

### Application examples:

equipment rooms, small offices, entrance halls, corridors/hallways, staircases, toilets, open-plan offices, conference rooms



## Accessories



**RC-Arc extinction kit**  
Art.No: 10880

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



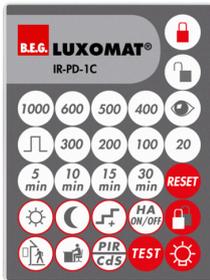
**Mini-RC-Arc extinction kit**  
Art.No: 10882

Voltage: 230 V AC  $\pm 10\%$   
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-PD-1C**  
Art.No: 92520

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



**IR-PD-1C-E**  
Art.No: 92077

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



**Cover ring PD2/PD3 FC**  
Art.No: 93085

Dimensions: Ø 84 x 9 mm  
Housing: polycarbonate, UV-resistant  
Material color: jet black glossy, similar to RAL9005



**Blinds PD2-FC**  
Art.No: 36635

Housing: polycarbonate, UV-resistant  
Material color: transparent