

**B.E.G.****LUXOMAT®**

## PD4N-1C-FM

Prod.No. 92151 EAN: 4007529921515

- Voltage: 110 – 240 V AC 50 / 60 Hz
- Dimensions: Ø 106 x 76 mm
- Power consumption: approx. 0.5 W

### Areas of application

- corridors/hallways
- toilets
- equipment rooms

### Order data

Designation	Colour	Art.No
PD4N-1C-FM	white	92151

### Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD3N	-	92105
IR-PD3/4N-1C-E	-	93110
IR-PD-Mini	-	92159
Wire basket BSK (Ø 200 x 90 mm)	white	92199
SM socle mounting set IP65 PD4N	white	93314
lens PD4N-1C, Cover ring	black	93738
lens PD4N-1C, Cover ring	traffic white	93737
lens PD4N-1C, Cover ring	anthracite	93736

## Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 106 x 76 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Range:	
Monitored area (tangential movement):	450 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control)

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

## Product information

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

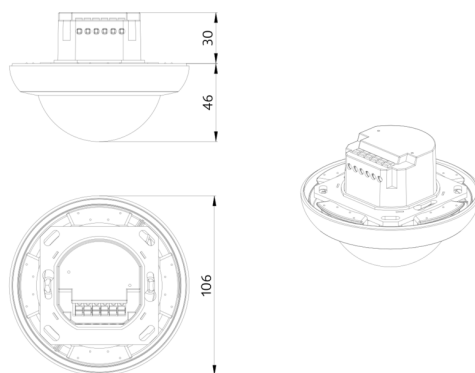
Manual switching via push-button possible

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

Factory settings 10 min and 500 lux

### Application examples:

corridors/hallways, toilets, equipment rooms



## 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

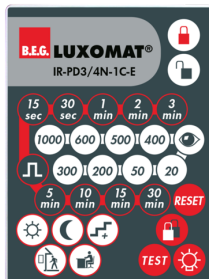
Dimensions: 40 x 55 x 103 mm  
 Material color: black  
 Frequency: 2.4 GHz ISM band, GFSK  
 0.2 dBm + 5.3 dBi = 5.5 dBm



### IR-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

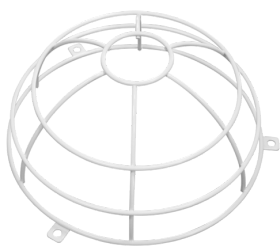
Battery: 3.0 V Lithium CR2032  
 (inclusive)  
 Dimensions: 80 x 60 x 8 mm  
 Material color: -



### 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



### SM socle mounting set IP65 PD4N

Art.No: 93314

Dimensions: 133 x 133 x 69 mm  
 Degree / class of protection: IP65  
 Material color: white



### lens PD4N-1C, Cover ring

Art.No: 93738

Detection area: horizontal 360°  
 (Ceiling mounting)  
 Range: max. &Oslash; 24 m  
 across<br>max. &Oslash; 8 m  
 towards<br>max. &Oslash; 6.4 m  
 seated  
 Monitored area (tangential  
 movement): 450 m² / 2.5 m  
 mounting height



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

Art.No: 93737

Detection area: horizontal 360° (Ceiling mounting)

Range: max. 24 m  
across<br>max. 8 m  
towards<br>max. 6.4 m  
seated

Monitored area (tangential movement):  
450 m<sup>2</sup> / 2.5 m mounting height



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

Art.No: 93736

Detection area: horizontal 360° (Ceiling mounting)

Range: max. 24 m  
across<br>max. 8 m  
towards<br>max. 6.4 m  
seated

Monitored area (tangential movement):  
450 m<sup>2</sup> / 2.5 m mounting height