

**B.E.G.****LUXOMAT®**

## PD4N-1C-FC

Prod.No. 92149 EAN: 4007529921492

230V PIR motion detector with 360° detection and a range of up to 24 m (450 m<sup>2</sup>), remote-controlled

### Areas of application

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

### Order data

Designation	Colour	Art.No
PD4N-1C-FC	white	92149

### 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
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 90 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 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP23 / 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 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -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:

entrance halls, corridors/hallways, toilets, equipment 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



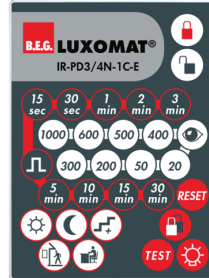
**BLE-IR-Adapter**  
Art.No: 93067

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-PD3N**  
Art.No: 92105

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



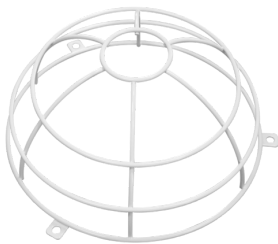
**IR-PD3/4N-1C-E**  
Art.No: 93110

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



**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 m<sup>2</sup> / 2.5 m mounting height



**lens PD4N-1C, Cover ring**  
Art.No: 93737

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 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. &Oslash; 24 m

across<br>max. &Oslash; 8 m

towards<br>max. &Oslash; 6.4 m

seated

Monitored area (tangential movement):

450 m<sup>2</sup> / 2.5 m mounting height