

B.E.G.**LUXOMAT®**

PD3N-1C-FC

92196 EAN: 4007529921966

230V PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), remote-controlled

Areas of application

- corridors/hallways
- staircases
- toilets
- equipment rooms

Order data

Designation	Colour	Art.No
PD3N-1C-FC	white	92196

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD3/4N-1C-E	-	93110
IR-PD3N	-	92105
IR-PD-Mini	-	92159
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Square design frame PD3N-FC	white	92991
Cover ring PD3N FC	jet black	93086
Blinds PD2N/PD3N		37367

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 83 x 81 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 m² / 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 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

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

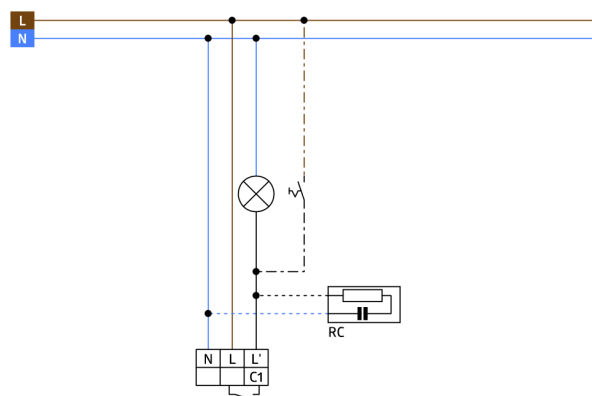
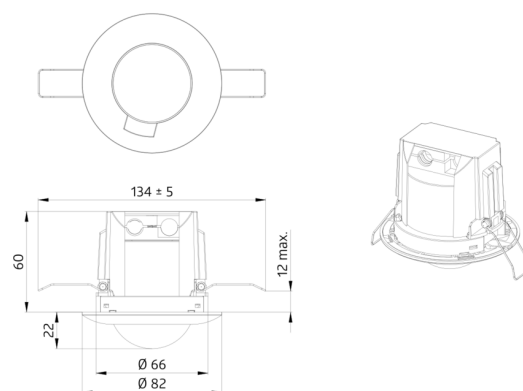
Manual switching via push-button possible

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

Factory settings 10 min and 500 lux

Application examples:

corridors/hallways, staircases, 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

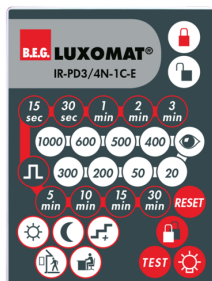
Voltage: 230 V AC ±10%
Dimensions: 50 x 23 x 8 mm
Degree / class of protection: IP20 / Class II



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-PD3/4N-1C-E

Art.No: 93110

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



IR-PD3N

Art.No: 92105

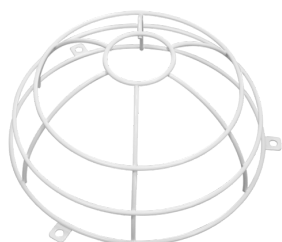
Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



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



Square design frame PD3N-FC

Art.No: 92991

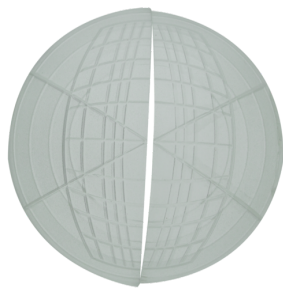
Dimensions: 83 x 83 x 8 mm
Housing: polycarbonate, UV-resistant
Material color: white mat, similar to RAL9010



Cover ring PD3N FC

Art.No: 93086

Dimensions: Ø 83 x 6 mm
Housing: polycarbonate, UV-resistant
Material color: jet black mat, similar to RAL9005



Blinds PD2N/PD3N

Art.No: 37367

Housing: ABS