B.E.G. LUXOMAT®



PD2N-M-1C-LED-FC

94055 EAN: 4007529940554

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

Order data

Designation	Colour	Art.No
PD2N-M-1C-LED-FC	white	94055

Areas of application

- corridors/hallways
- entrance halls
- staircases
- small offices

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PD-Mini	-	92159
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
Blinds PD2N/PD3N		37367

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 84 x 85 mm
Luminous flux / intensity:	LED circuit board securely mounted Luminous flux of light 90 lm
Power consumption:	approx. 0.3 W / approx. 2 W with LED
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
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:	IP20 / Class II
Impact strength:	IK03
Ambient temperature:	-20 °C to +40 °C
Housing:	Polycarbonate
Operation mode:	Semi-automatic mode, Slave mode, Full automatic mode, Fully automatic with Corridor
Material color:	white mat, similar to RAL9010
Channel 1 (lighting control, potential-free (dry))	
Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 800 W LED max. inrush current Ip (20 ms) = 165 A max. inrush current Ip (200 µs) = 800 A
Type of contact (k):	1x µ-contact, dry NO contact with tungsten pre-make contact
Follow-up time:	10 sec – 18 h

Product information

Remote control-capable occupancy detector for inside use with circular detection area

Integrated LED light as separately adjustable orientation- and night light

One channel for light switching

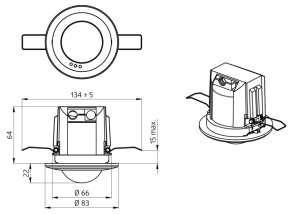
Numerous setting and readout options via the bidirectional B.E.G. smartphone app

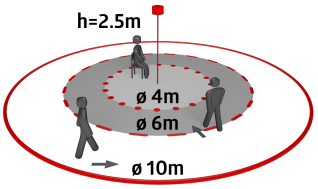
Extension of the detection range possible by using up to 5 other PD2N-M-1C-LED

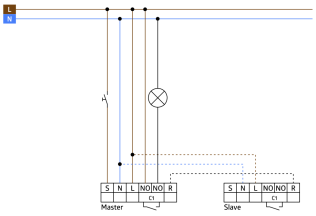
Can be used as either Master device or Slave device

Application examples:
corridors/hallways, entrance halls, staircases, small offices

Orientation light:	20 – 100 % / OFF / 10 s – 18 h
Night light:	20 – 100 % / 10 sec – 18 h / ∞
Switch-on threshold:	10 – 2000 Lux







Accessories



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-Mini
Art.No: 92159

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



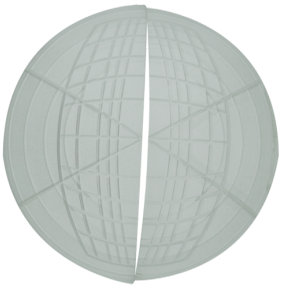
RC-Arc extinction kit
Art.No: 10880

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



Blinds PD2N/PD3N
Art.No: 37367

Housing: ABS