# LUXOMAT®




# PD11-M-1C-FLAT-FC

92583 EAN: 4007529925834

230V PIR motion detector with 360° detection and a range of up to Ø9m (63 m²), remote-controlled

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD11-M-1C-FLAT-FC | white | 92583 |

## Areas of application

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

## 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 |
| In-wall mounting set / PD11 | white | 92833 |
| Cover ring PD11 (52 mm) | black | 92537 |
| Cover ring PD11 | white | 92692 |
| Square design frame PD11-FC | white | 92994 |

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 52 x 60 mm |
| Power consumption: | approx. 0.3 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 9 m across<br>max. Ø 6 m towards<br>max. Ø 3 m seated |
| Monitored area (tangential movement): | 63 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: | IK02 |
| 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 φ = 1<br>1150 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current Ip (20 ms) = 165 A<br>max. inrush current Ip (200 µs) = 800 A |
| Type of contact (k): | 1x µ-contact, NO contact with tungsten pre-make contact |
| Follow-up time: | 5 min – 30 min, Pulse |
| Switch-on threshold: | 20 – 2000 Lux |
| Light measuring: | Mixed light measuring |

## Product information

Particularly flat occupancy detector without additional power supply

Visible portion when built into ceiling: height 0.85 mm

One channel for light switching

Manual switching via push-button possible

**Easy operation with remote control (required)**

Version as master device

Detection area can be extended by using slave devices

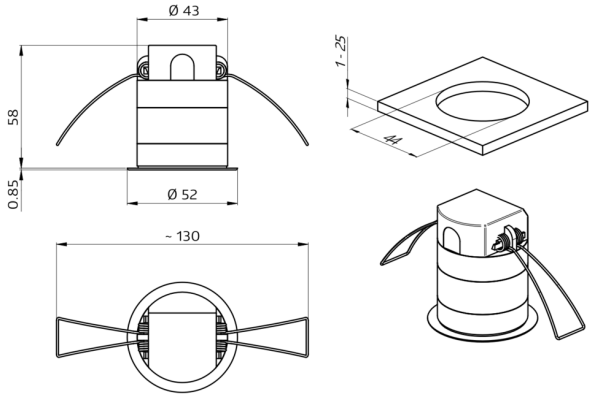
Spring clips for quick and easy installation in suspended ceilings

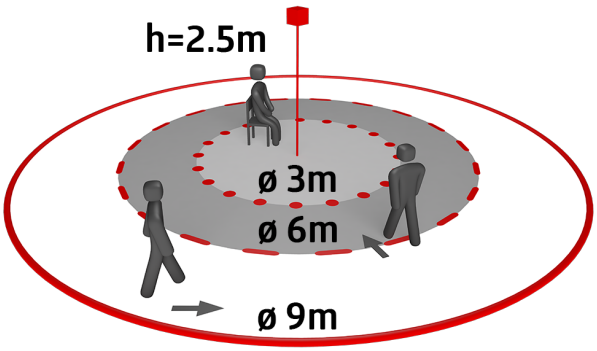
Includes blinds and clamp ring for installation into light fittings

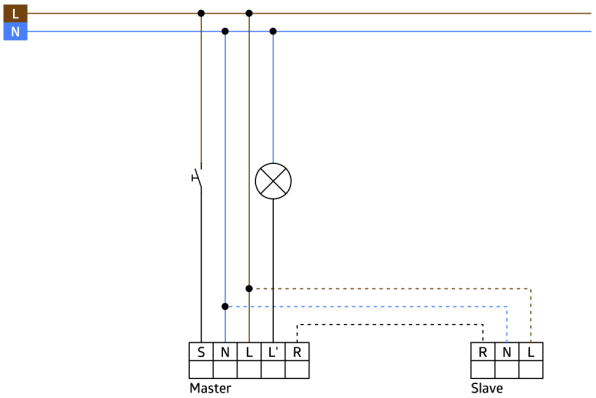
With accessories for flush-mounting in ceiling and exposed concrete

Factory settings 10 min and 500 lux

**Application examples:**
entrance halls, small offices, corridors/hallways, staircases, open-plan offices, conference rooms


Ø 43
58
0.85
Ø 52
~ 130
1 - 25
44


h=2.5m
ø 3m
ø 6m
ø 9m


L
N
S N L L' R
Master
R N L
Slave

## 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



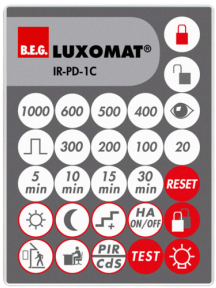
**Mini-RC-Arc extinction kit**
Art.No: 10882

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



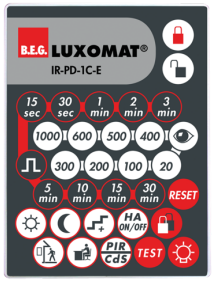
**BLE-IR-Adapter**
Art.No: 93067

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-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: -



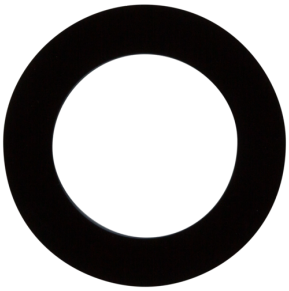
**IR-PD-Mini**
Art.No: 92159

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



**In-wall mounting set / PD11**
Art.No: 92833

Dimensions: Ø 104 mm
Material color: white



**Cover ring PD11 (52 mm)**
Art.No: 92537

Dimensions: Ø 52 x 3 mm
Housing: polycarbonate, UV-resistant
Material color: black, similar to RAL9005



**Cover ring PD11**
Art.No: 92692

Dimensions: Ø 100 x 3 mm
Housing: polycarbonate, UV-resistant
Material color: white mat, similar to RAL9010

**Square design frame PD11-FC**
Art.No: 92994

Dimensions: 54 x 54 x 2.6 mm
Housing: polycarbonate, UV-resistant
Material color: white mat, similar to RAL9010