LUXOMAT®



PD11-M-1C-FLAT-FC

Prod.No. 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 max. Ø 6 m towards 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 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, 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

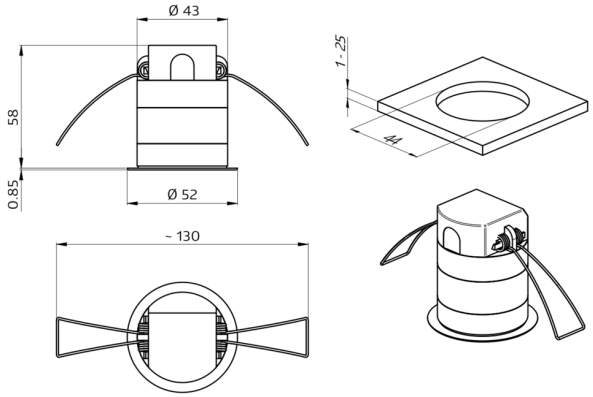
Spring clips for quick and easy installation in suspended ceilings

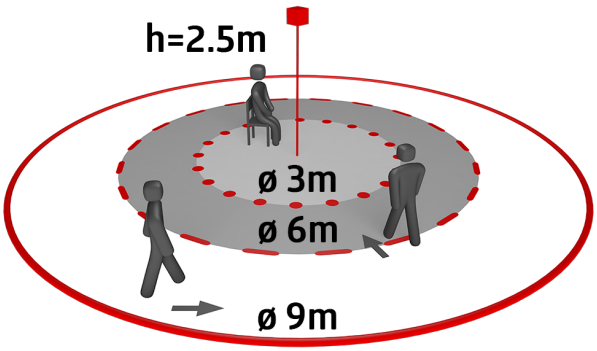
Includes blinds and clamp ring for installation into light fittings

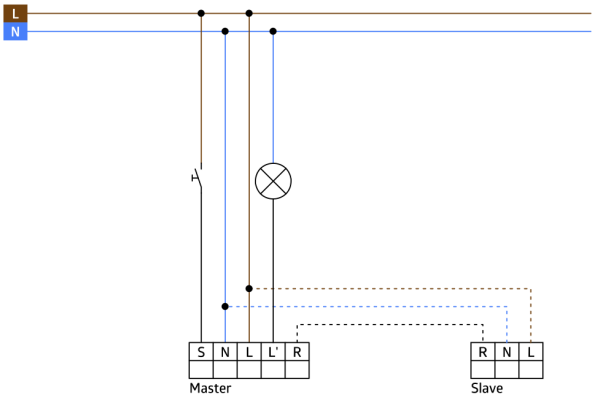
With accessories for flush-mounting in ceiling and exposed concrete

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



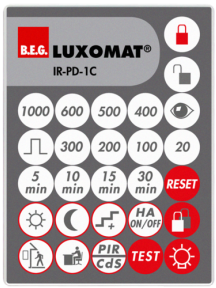
Mini-RC-Arc extinction kit
Art.No: 10882

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



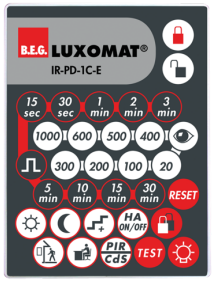
BLE-IR-Adapter
Art.No: 93067

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: -



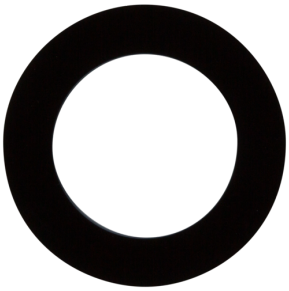
IR-PD-Mini
Art.No: 92159

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