B.E.G. LUXOMAT®




# PD4-M-1C-C-PS-FC Set 92480-92992

230V PIR motion detector with 360° coverage and a detection area of up to 40x5m (250 m²), for hallways, remote-controlled, NO contact, and safety circuit via NC

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD4-M-1C-C-PS-FC | white | 92480 |
| Square design frame PD4-FC | pure white | 92992 |

## Areas of application

- corridors/hallways

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 97 x 103 mm |
| Power consumption: | approx. 0.7 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 40 m across<br>max. Ø 20 m towards |
| Monitored area (tangential movement): | 250 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2.4 m / 2.6 m / 2.5 m |
| Degree / class of protection: | IP20 / 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 φ = 1<br>1150 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current Ip (20 ms) = 120 A |
| Type of contact (k): | 1x µ-contact, NO contact with tungsten pre-make contact, additional NC-safety contact |
| Follow-up time: | 15 sec – 30 min, Pulse |
| Switch-on threshold: | 10 – 2000 Lux |
| Light measuring: | Mixed light measuring |

## Product information

Set : PD4-M-1C-C-PS-FC + Square design frame PD4-FC pure white mat, similar to RAL9010

Occupancy detector with NO contact and safety circuit by NC contact

Guarantees illumination even if sensor fails

Designed for corridors

Version as master device

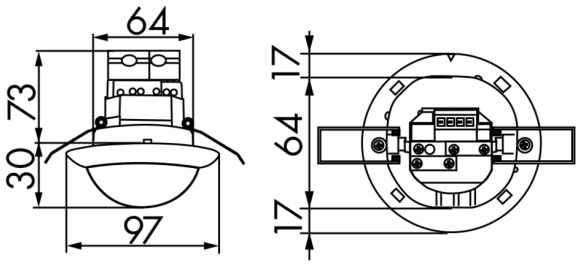
Detection area can be extended by using slave devices

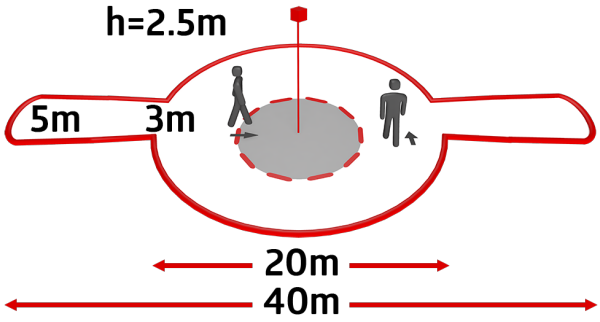
Manual switching via push-button possible

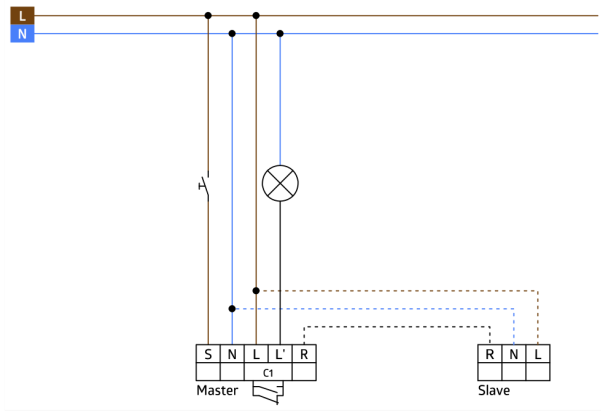
Additional functions can be set up using the optional remote control.

Factory settings 10 min and 500 lux

There are markings to ensure correct alignment during installation


64
73
30
97
17
64
17


h=2.5m
5m
3m
20m
40m


L
N
S
N
L
L'
R
C1
Master
R
N
L
Slave

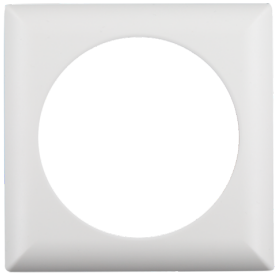
## Set items

To receive the bundle according to the technical specification, please order the items listed.




**PD4-M-1C-C-PS-FC**
Art.No: 92480

Voltage: 110 – 240 V AC 50 / 60 Hz
Dimensions: Ø 97 x 103 mm
Power consumption: approx. 0.7 W



**Square design frame PD4-FC**
Art.No: 92992

Dimensions: 101 x 101 x 11.8 mm
Housing: polycarbonate, UV-resistant
Material color: pure white mat, similar to RAL9010