

B.E.G.**LUXOMAT®**

PD4N-1C-FC Set 92149-93737

230V PIR motion detector with 360° detection and a range of up to Ø24m (450 m²), remote-controlled

Areas of application

- entrance halls
- corridors/hallways
- toilets
- equipment rooms

Order data

| Designation | Colour | Art.No |
|--------------------------|---------------|--------|
| PD4N-1C-FC | white | 92149 |
| lens PD4N-1C, Cover ring | traffic white | 93737 |

Technical data

| | |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Voltage: | 110 - 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 106 x 90 mm |
| Power consumption: | approx. 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated |
| Range: | |
| Monitored area (tangential movement): | 450 m ² / 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: | traffic white mat, similar to RAL9016 (93737) |

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 μ s) = 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

Set : PD4N-1C-FC + lens PD4N-1C, Cover ring traffic white mat, similar to RAL9016

Remote-control capable ceiling motion detector with large detection range

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



Set items

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



PD4N-1C-FC

Art.No: 92149

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 106 x 90 mm

Power consumption: approx. 0.5 W

lens PD4N-1C, Cover ring

Art.No: 93737

Detection area: horizontal 360° (Ceiling mounting)

Range: max. Ø 24 m across

max. Ø 8 m towards

max. Ø 6.4 m seated

Monitored area (tangential movement): 450 m² / 2.5 m mounting height