

**B.E.G.****LUXOMAT®**

## BL2-PLUS-FC Set 93405-92199

230V PIR motion detector with 360° detection and a range of up to Ø8m (50 m²), remote-controlled

### Order data

**Designation**

BL2-PLUS-FC

Wire basket BSK (Ø 200 x 90 mm)

**Colour**

white

white

**Art.No**

93405

92199

## Technical data

|                                        |                                                                                                           |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Voltage:                               | 110 – 240 V 50 / 60 Hz                                                                                    |
| Dimensions:                            | <b>Ø 200 x 90 mm (92199)</b>                                                                              |
| Power consumption:                     | 0.3 W                                                                                                     |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 8 m across<br>max. Ø 4.8 m towards<br>max. Ø 3.2 m seated |
| Range:                                 |                                                                                                           |
| Monitored area (tangential movement):  | 50 m² / 2.5 m mounting height                                                                             |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m                                                                                         |
| Degree / class of protection:          | IP23 / Class II                                                                                           |
| Ambient temperature:                   | -25 °C to +50 °C                                                                                          |
| Housing:                               | <b>polycarbonate, UV-resistant + coated steel basket (92199)</b>                                          |
| Material color:                        | white                                                                                                     |
| Connections and wires:                 | 0.5 – 1.5 mm² for solid conductors                                                                        |

### Channel 1 (lighting control)

|                      |                                                                         |
|----------------------|-------------------------------------------------------------------------|
| Switching power:     | 1000 W, $\cos \varphi = 1$<br>500 VA, $\cos \varphi = 0.5$<br>400 W LED |
| Type of contact (k): | 1x $\mu$ -contact, NO contact                                           |
| Follow-up time:      | 15 sec – 30 min                                                         |
| Switch-on threshold: | 10 – 2000 Lux                                                           |

## Product information

Set : BL2-PLUS-FC + Wire basket BSK (Ø 200 x 90 mm) white

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

For mounting in suspended ceilings

One channel for light switching

Manual switching via push-button possible

Basic functions for cost-effective applications

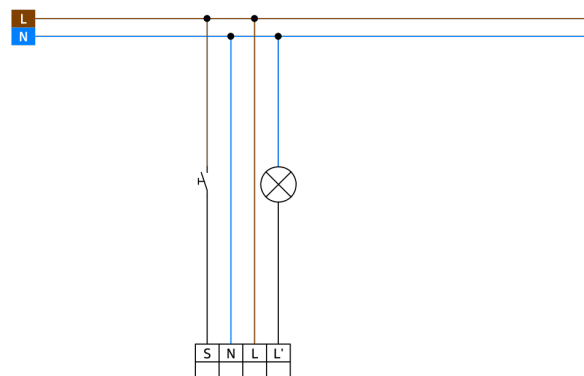
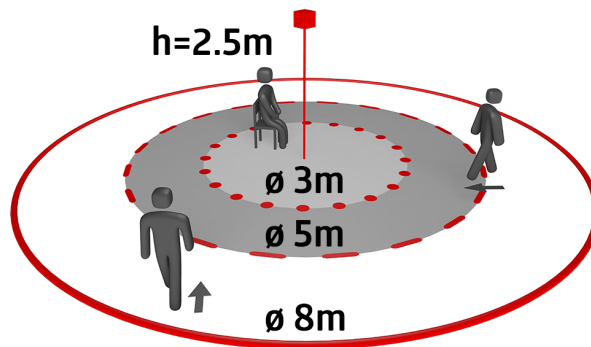
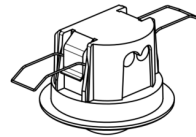
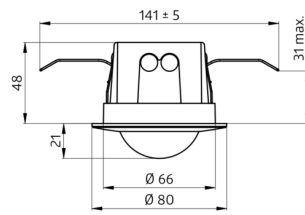
Ready-to-operate thanks to factory settings

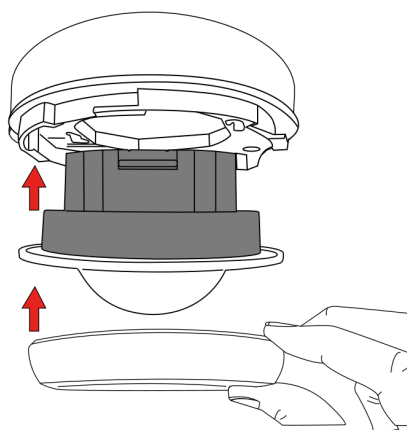
Accessory for surface mounting and flush mounting available

Factory setting: High detection sensitivity, follow-up time 10 min, switch-on threshold 500 lux

### Easy operation with remote control (required)

High-performance relay designed for 100,000 switching cycles under high load, several million switching cycles possible under low load





## Set items

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



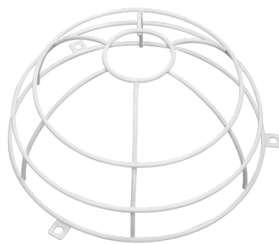
### **BL2-PLUS-FC**

Art.No: 93405

Voltage: 110 – 240 V 50 / 60 Hz

Dimensions: Ø 80 x 61 mm

Power consumption: 0.3 W



### **Wire basket BSK (Ø 200 x 90 mm)**

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket