

**B.E.G.****LUXOMAT®**

## RC-plus next N 230 Set 93333-92467-97005

230V PIR outdoor motion detector with a 230° detection angle and a range of up to 20 m (800 m²), featuring anti-creep protection and remote control capability

### Order data

| Designation                       | Colour | Art.No |
|-----------------------------------|--------|--------|
| RC-plus next N 230                | black  | 93333  |
| Wire basket BSK (Ø 164 x 143 mm)  | white  | 92467  |
| Inside corner socket RC-plus next | white  | 97005  |

### Areas of application

- outdoor areas (entrances/access roads)
- parking areas
- underground car parks
- high-bay warehouse

## Technical data

|                                        |                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------|
| Voltage:                               | 110 – 240 V AC<br>50 / 60 Hz (can also be supplied with other operating voltages ON request) |
| Dimensions:                            | <b>Ø 164 x 143 mm (92467) + 60 x 61 x 68 mm (97005)</b>                                      |
| Power consumption:                     | approx. 0.5 W                                                                                |
| Detection area:                        | horizontal 230° (Wall mounting)<br>max. 20 m across<br>max. 6 m towards                      |
| Range:                                 | max. 4 m anti-creep protection                                                               |
| Monitored area (tangential movement):  | 800 m <sup>2</sup> / 2.5 m mounting height                                                   |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m                                                                            |
| Degree / class of protection:          | IP54 / Class II                                                                              |
| Impact strength:                       | <b>IK09 (92467)</b>                                                                          |
| Ambient temperature:                   | -25 °C to +50 °C                                                                             |
| Housing:                               | <b>polycarbonate, UV-resistant + coated steel basket (92467)</b>                             |
| Material color:                        | black mat, similar to RAL9005                                                                |

### Channel 1 (lighting control)

|                      |                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switching power:     | 3000 W, cos φ = 1<br>1500 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current I <sub>p</sub> (20 ms) = 165 A<br>max. inrush current I <sub>p</sub> (200 μs) = 800 A |
| Type of contact (k): | 1x μ-contact, NO contact with tungsten pre-make contact                                                                                                             |
| Follow-up time:      | 15 sec – 16 min, Pulse                                                                                                                                              |
| Switch-on threshold: | 2 – 500 Lux                                                                                                                                                         |

## Product information

Set : RC-plus next N 230 + Wire basket BSK (Ø 164 x 143 mm) white + Inside corner socket RC-plus next white mat, similar to RAL9010

Motion detector with 230° detection area and creep protection

Mechanical range adjustment

Different follow-up time depending on direction of movement

Uninterrupted parallel circuit detection of several detectors

Manual switching via push-button possible

Adjustable ball head

Immediate operation using factory settings

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

Zero crossing switching

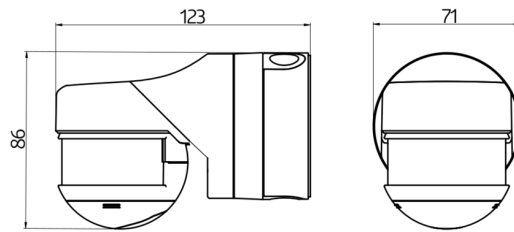
Socket compatible to RC-plus (next) and Vario

Faulty switching due to animals can be avoided by reducing the sensitivity

Easy mounting thanks to plug base

Wall, ceiling and corner mounting

Factory settings 3 min and 20 lux



## Set items

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



### **RC-plus next N 230**

Art.No: 93333

Voltage: 110 – 240 V AC 50 / 60 Hz (can also be supplied with other operating voltages ON request)

Dimensions: 121 x 71 x 85 mm

Power consumption: approx. 0.5 W



### **Wire basket BSK (Ø 164 x 143 mm)**

Art.No: 92467

Dimensions: Ø 164 x 143 mm

Impact strength: IK09

Housing: coated steel basket



### **Inside corner socket RC-plus next**

Art.No: 97005

Dimensions: 60 x 61 x 68 mm

Degree / class of protection: IP54

Housing: Housing UV- and shockresistant