B.E.G. LUXOMAT®




# RC-plus next N 230 Set 93334-97005

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 | brown | 93334 |
| 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 50 / 60 Hz (can also be supplied with other operating voltages ON request) |
| Dimensions: | **121 x 71 x 85 mm + 60 x 61 x 68 mm (97005)** |
| Power consumption: | approx. 0.5 W |
| Detection area: | horizontal 230° (Wall mounting) |
| Range: | max. 20 m across<br>max. 6 m towards<br>max. 4 m anti-creep protection |
| Monitored area (tangential movement): | 800 m² / 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: | IK03 |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | brown mat, similar to RAL8014 |
| **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 Ip (20 ms) = 165 A<br>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: | 15 sec – 16 min, Pulse |
| Switch-on threshold: | 2 – 500 Lux |

## Product information

Set : RC-plus next N 230 + 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

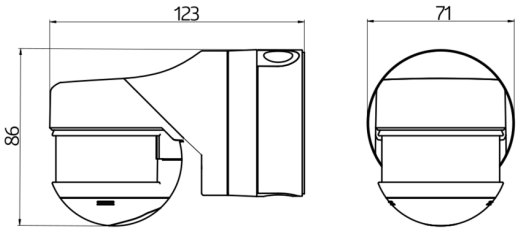
Socket compatible to RC-plus (next) and Vario

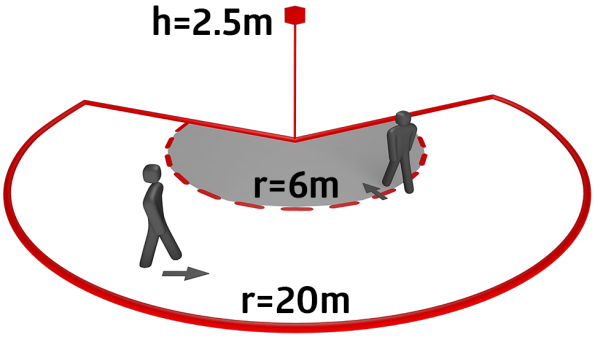
Faulty switching due to animals can be avoided by reducing the sensitivity

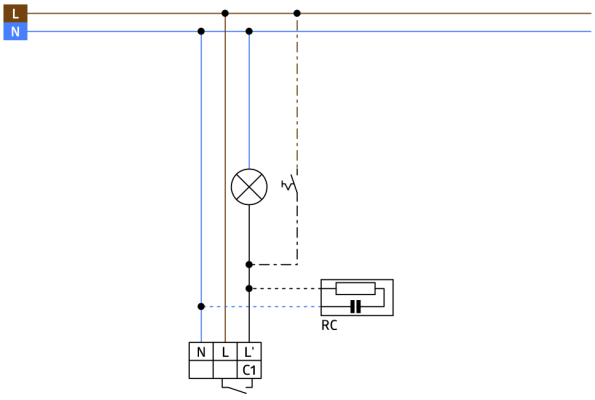
Easy mounting thanks to plug base

Wall, ceiling and corner mounting

Factory settings 3 min and 20 lux


123
71
86


h=2.5m
r=6m
r=20m


L
N
RC
N
L
L'
C1

## Set items

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




**RC-plus next N 230**
Art.No: 93334

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



**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