B.E.G. LUXOMAT®




# RC-plus next N 280 Set 93344-97005

230V PIR outdoor motion detector with 280° detection angle and a range of up to 20 m (970 m²), featuring anti-crawling protection and remote control capability

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| RC-plus next N 280 | brown | 93344 |
| 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 280° (Wall mounting) |
| Range: | max. 20 m across<br>max. 6 m towards<br>max. 4 m anti-creep protection |
| Monitored area (tangential movement): | 970 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 280 + Inside corner socket RC-plus next white mat, similar to RAL9010

Motion detector with 280° 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

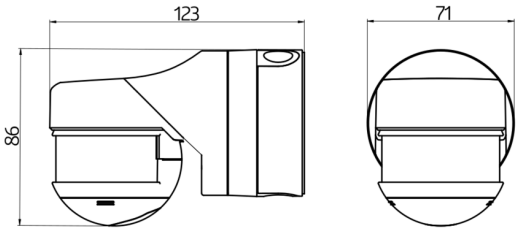
Special socket for external corner mounting included

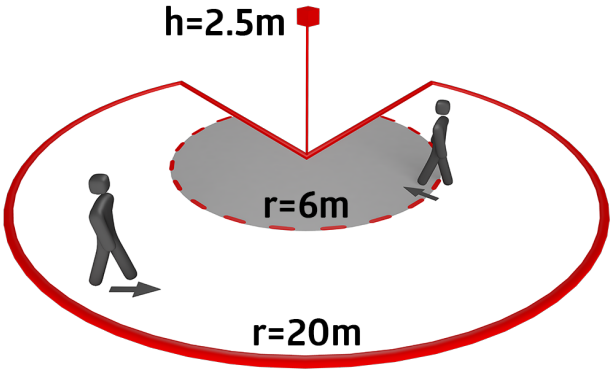
Faulty switching due to animals can be avoided by reducing the sensitivity

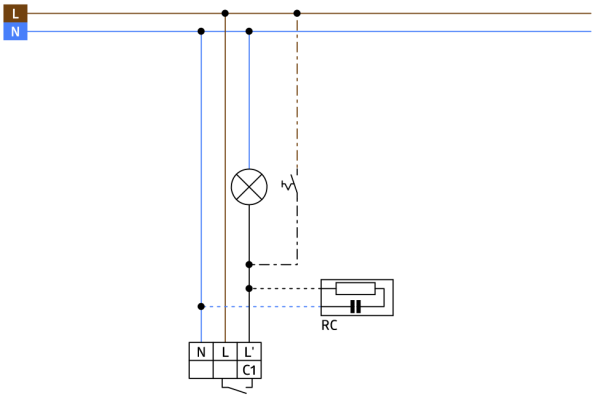
Easy mounting thanks to plug base

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 280**
Art.No: 93344

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