B.E.G. LUXOMAT®




# RC-plus next N 280

93344 EAN: 4007529933440

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 |

## Areas of application

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

## Accessories

| Designation | Colour | Art.No |
|---|---|---|
| RC-Arc extinction kit | white | 10880 |
| Mini-RC-Arc extinction kit | | 10882 |
| BLE-IR-Adapter | black | 93067 |
| IR-RC | - | 92000 |
| IR-RC-LD | - | 92649 |
| IR-RC-Mini | - | 92090 |
| Wire basket BSK (Ø 164 x 143 mm) | white | 92467 |
| Outside corner socket RC-plus next | brown | 97014 |
| Inside corner socket RC-plus next | white | 97005 |
| Pole holder | stainless steel | 93220 |
| Wall holder | white | 93222 |
| Wall holder | anthracite | 93221 |
| Blinds RC-plus next | | 32697 |

## 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 |
| 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

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

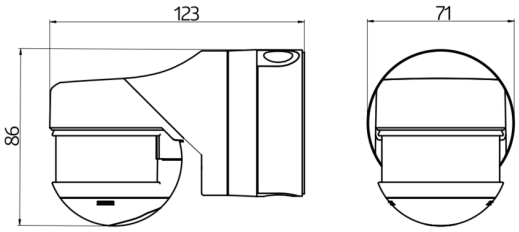
Faulty switching due to animals can be avoided by reducing the sensitivity

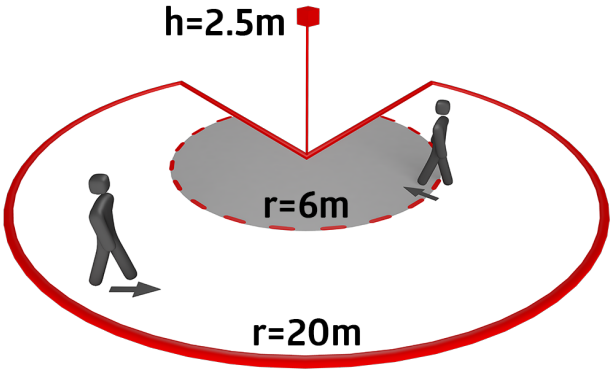
Easy mounting thanks to plug base

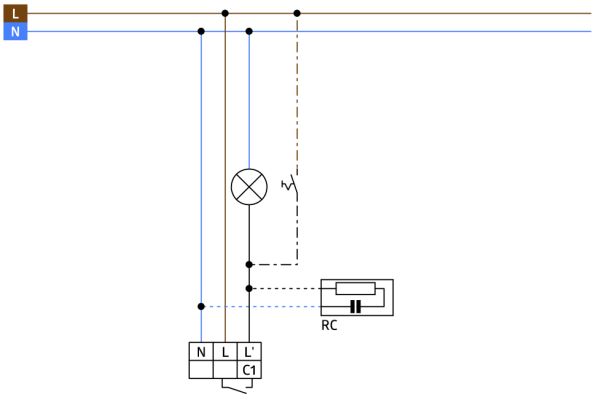
Wall, ceiling and corner mounting

Factory settings 3 min and 20 lux

**Application examples:**
outdoor areas (entrances/access roads), parking areas, underground car parks, high-bay warehouse


123
71
86


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


L
N
RC
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C1

## Accessories



**RC-Arc extinction kit**
Art.No: 10880

Voltage: 230 V AC ±10%
Dimensions: 38 x 12 x 26 mm
Degree / class of protection: IP20 / Class II



**Mini-RC-Arc extinction kit**
Art.No: 10882

Voltage: 230 V AC ±10%
Dimensions: 50 x 23 x 8 mm
Degree / class of protection: IP20 / Class II



**BLE-IR-Adapter**
Art.No: 93067

Dimensions: 40 x 55 x 103 mm
Material color: black
Frequency: 2.4 GHz ISM band, GFSK
0.2 dBm + 5.3 dBi = 5.5 dBm



**IR-RC**
Art.No: 92000

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



**IR-RC-LD**
Art.No: 92649

Battery: 3 x 1.5 V Micro AAA (not included)
Dimensions: 83 x 53 x 17 mm
Material color: -



**IR-RC-Mini**
Art.No: 92090

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 57 x 35 x 7 mm
Material color: -



**Wire basket BSK (Ø 164 x 143 mm)**
Art.No: 92467

Dimensions: Ø 164 x 143 mm
Impact strength: IK09
Housing: coated steel basket



**Outside corner socket RC-plus next**
Art.No: 97014

Dimensions: Ø 71 x 34 mm
Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant



**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



**Pole holder**
Art.No: 93220

Dimensions: 188 x 98 x 134 mm
Housing: stainless steel
Material color: stainless steel



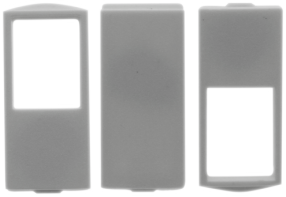
**Wall holder**
Art.No: 93222

Dimensions: 188 x 98 x 134 mm
Material color: white



**Wall holder**
Art.No: 93221

Dimensions: 188 x 98 x 134 mm
Material color: anthracite



**Blinds RC-plus next**
Art.No: 32697

Housing: polycarbonate, UV-resistant
Material color: white