

**B.E.G.****LUXOMAT®**

## RC-plus next N 280

Prod.No. 93344 EAN: 4007529933440

- 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

### Areas of application

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

### Order data

| Designation        | Colour | Art.No |
|--------------------|--------|--------|
| RC-plus next N 280 | brown  | 93344  |

### 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 with weather protection | stainless steel | 93220  |
| Wall holder with weather protection | white           | 93222  |

Wall holder with weather  
protection  
Blinds RC-plus next

anthracite

93221

32697

## Technical data

|  |  |
|--|--|
| Voltage:                               | 110 – 240 V AC<br>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)<br>max. 20 m across<br>max. 6 m towards                      |
| Range:                                 | max. 4 m anti-creep protection   |
| Monitored area (tangential movement):  | 970 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:                       | 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, $\cos \varphi = 1$<br>1500 VA, $\cos \varphi = 0.5$<br>800 W LED<br>max. inrush current $I_p$ (20 ms) = 165 A<br>max. inrush current $I_p$ (200 $\mu$ s) = 800 A |
| Type of contact (k): | 1x $\mu$ -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 anti-creep zone               |
| 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



## Accessories



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

Voltage: 230 V AC  $\pm 10\%$   
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  $\pm 10\%$   
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 with weather protection**

Art.No: 93220

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



**Wall holder with weather protection**

Art.No: 93222

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



**Wall holder with weather protection**

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