

**B.E.G.****LUXOMAT®**

## RC-plus next N 280

Prod.No. 93344 EAN: 4007529933440

230V PIR outdoor motion detector with 280° detection angle and a range of up to 20 m (970 m<sup>2</sup>), featuring anti-crawling protection and remote control capability

### 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	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) max. 20 m across 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, $\cos \varphi = 1$ 1500 VA, $\cos \varphi = 0.5$ 800 W LED max. inrush current $I_p$ (20 ms) = 165 A 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 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



## 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**  
Art.No: 93220

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



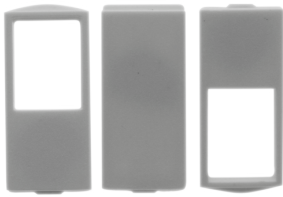
**Wall holder**  
Art.No: 93222

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