

**B.E.G.****LUXOMAT®**

## RC-plus next N 280 Set 93341-97005

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

### Order data

Designation	Colour	Art.No
RC-plus next N 280	white	93341
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:	<b>121 x 71 x 85 mm + 60 x 61 x 68 mm (97005)</b>
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:	white mat, similar to RAL9010

### 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

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



## Set items

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



### **RC-plus next N 280**

Art.No: 93341

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