

**B.E.G.****LUXOMAT®**

## RC-plus next 280

Prod.No. 97003 EAN: 4007529970032

- 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

### Order data

Designation	Colour	Art.No
RC-plus next 280		97003

### Accessories

Designation	Colour	Art.No
IR-RC-LD	-	92649
IR-RC	-	92000
IR-RC-Mini	-	92090
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
Wire basket BSK (Ø 164 x 143 mm)	white	92467
Inside corner socket RC-plus next	white	97005
IR-Adapter for Smartphones	black	92726
Outside corner socket RC-plus next	black	97024
Outside corner socket RC-plus next	brown	97014
Outside corner socket RC-plus next	white	97004
Outside corner socket RC-plus next	silver	97043
BLE-IR-Adapter	black	93067

## 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
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control)

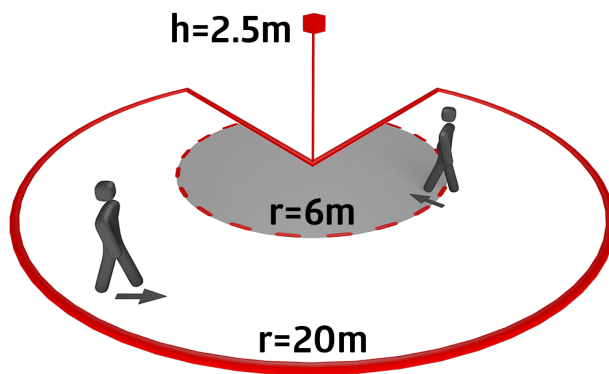
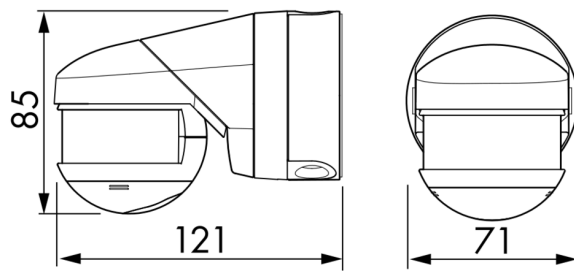
Switching power:	3000 W, $\cos \varphi$ = 1 1500 VA, $\cos \varphi$ = 0.5 max. inrush current $I_p$ (20 ms) = 165 A max. inrush current $I_p$ (200 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -contact, NO contact with tungsten pre- make contact
Follow-up time:	15 sec – 16 min, Pulse
Switch-on threshold:	2 – 2000 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
Adjustable ball head
Immediate operation using factory settings
Additional functions can be set up using the optional remote control.
Easy mounting thanks to plug base
Special socket for external corner mounting included
Wall, ceiling and corner mounting
Factory settings 3 min and 20 lux

### Application examples:

for narrow premises, walkways, gateways



## Accessories



### 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

Art.No: 92000

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



### 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



### Wire basket BSK (Ø 164 x 143 mm)

Art.No: 92467

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



### 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



### IR-Adapter for Smartphones

Art.No: 92726

Dimensions: 47 x 19 x 10 mm  
Degree / class of protection: IP20  
Ambient temperature: -20 °C to +40 °C



### Outside corner socket RC-plus next

Art.No: 97024

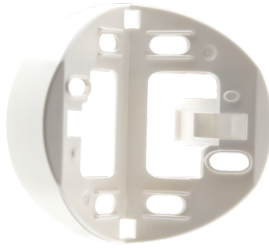
Dimensions: Ø 71 x 34 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



**Outside corner socket RC-plus next**

Art.No: 97014

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



**Outside corner socket RC-plus next**

Art.No: 97004

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



**Outside corner socket RC-plus next**

Art.No: 97043

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



**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