B.E.G. LUXOMAT®



RC-plus next N 280 Set 93344-97005

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
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:	**121 x 71 x 85 mm + 60 x 61 x 68 mm (97005)**
Power consumption:	approx. 0.5 W
Detection area:	horizontal 280° (Wall mounting)
Range:	max. 20 m across max. 6 m towards 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 1500 VA, cos φ = 0.5 800 W LED max. inrush current Ip (20 ms) = 165 A 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

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

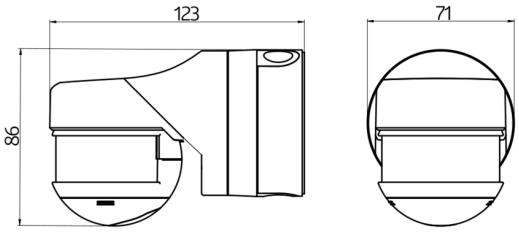
Special socket for external corner mounting included

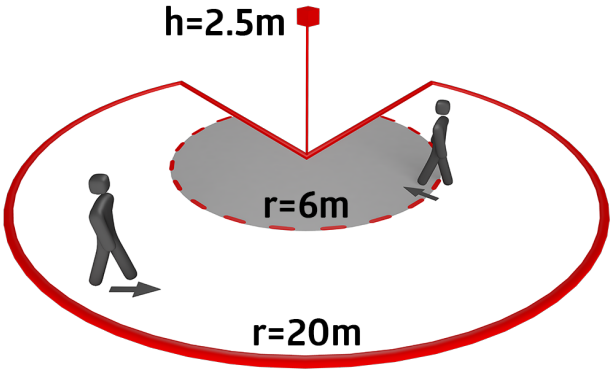
Faulty switching due to animals can be avoided by reducing the sensitivity

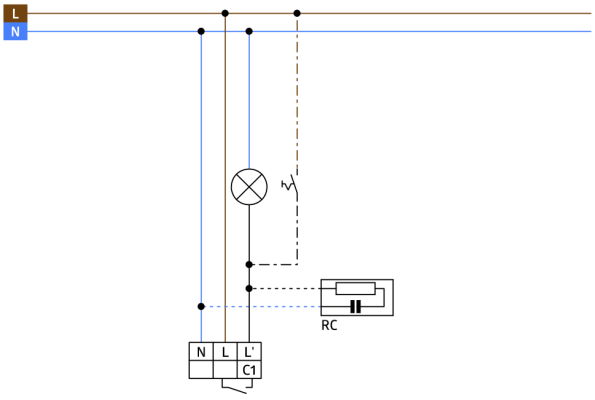
Easy mounting thanks to plug base

Wall, ceiling and corner mounting

Factory settings 3 min and 20 lux


123
71
86


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


L
N
RC
N
L
L'
C1

Set items

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



RC-plus next N 280
Art.No: 93344

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