B.E.G. LUXOMAT®



RC-plus next N 230 Set 93333-97005

230V PIR outdoor motion detector with a 230° detection angle and a range of up to 20 m (800 m²), featuring anti-creep protection and remote control capability

Order data

Designation	Colour	Art.No
RC-plus next N 230	black	93333
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 230° (Wall mounting)
Range:	max. 20 m across max. 6 m towards max. 4 m anti-creep protection
Monitored area (tangential movement):	800 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:	black mat, similar to RAL9005
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 230 + Inside corner socket RC-plus next white mat, similar to RAL9010

Motion detector with 230° 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

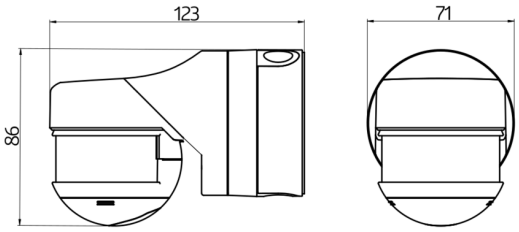
Socket compatible to RC-plus (next) and Vario

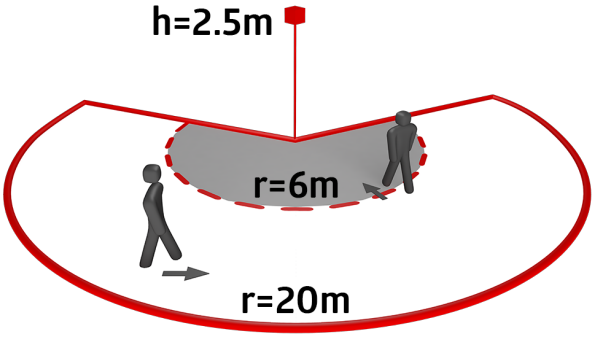
Faulty switching due to animals can be avoided by reducing the sensitivity

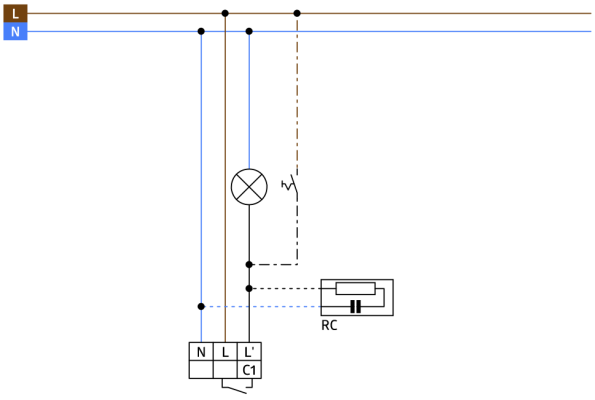
Easy mounting thanks to plug base

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 230
Art.No: 93333

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