B.E.G. LUXOMAT®



BL4-PLUS-FC

93404 EAN: 4007529934041

230V PIR motion detector with 360° detection and a range of up to Ø19m (280 m²), remote-controlled

Order data

Designation	Colour	Art.No
BL4-PLUS-FC	white	93404

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-BL-PLUS	-	93406
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Mounting set BL4-SM	white	93183
Mounting set BL4-FM	white	93194

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 104.5 x 84 mm
Power consumption:	approx. 0.3 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 19 m across max. Ø 6.4 m towards max. Ø 5 m seated
Monitored area (tangential movement):	280 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Connections and wires:	0.5 – 2.5 mm² for solid conductors
Channel 1 (lighting control)	
Switching power:	1000 W, cos φ = 1 500 VA, cos φ = 0.5 400 W LED
Type of contact (k):	1x µ-contact, NO contact
Follow-up time:	15 sec – 30 min
Switch-on threshold:	10 – 2000 Lux

Product information

Remote control-capable occupancy detector for inside use with circular detection area

For mounting in suspended ceilings

One channel for light switching

Manual switching via push-button possible

Basic functions for cost-effective applications

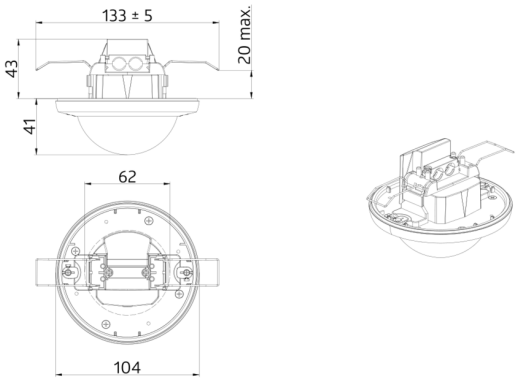
Ready-to-operate thanks to factory settings

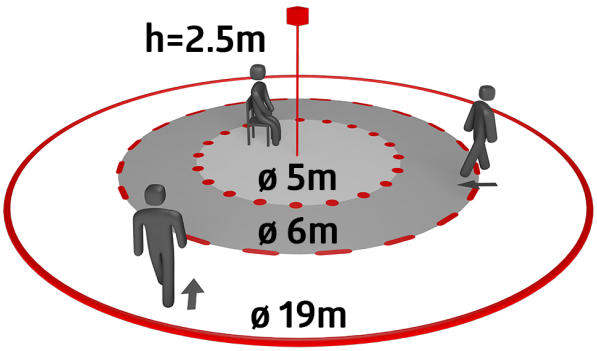
Accessory for surface mounting and flush mounting available

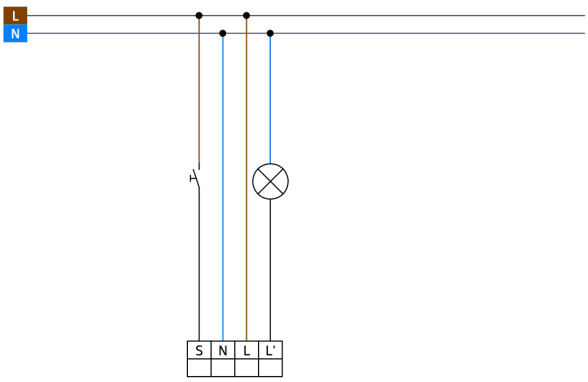
Factory setting: High detection sensitivity, follow-up time 10 min, switch-on threshold 500 lux

Easy operation with remote control (required)

High-performance relay designed for 100,000 switching cycles under high load, several million switching cycles possible under low load


133 ± 5
20 max.
43
41
62
104


h=2.5m
ø 5m
ø 6m
ø 19m


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Accessories



RC-Arc extinction kit
Art.No: 10880

Voltage: 230 V AC ±10%
Dimensions: 38 x 12 x 26 mm
Degree / class of protection: IP20 / Class II



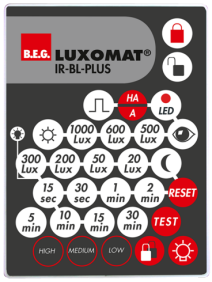
Mini-RC-Arc extinction kit
Art.No: 10882

Voltage: 230 V AC ±10%
Dimensions: 50 x 23 x 8 mm
Degree / class of protection: IP20 / Class II



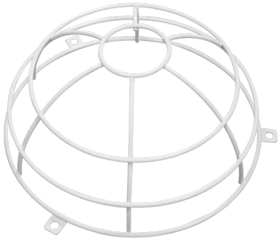
BLE-IR-Adapter
Art.No: 93067

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-BL-PLUS
Art.No: 93406

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 9 mm
Housing: polycarbonate, UV-resistant



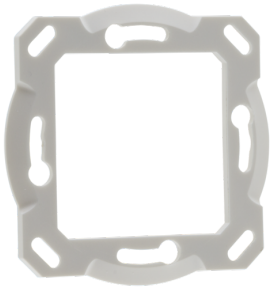
Wire basket BSK (Ø 200 x 90 mm)
Art.No: 92199

Dimensions: Ø 200 x 90 mm
Impact strength: IK09
Housing: coated steel basket



Mounting set BL4-SM
Art.No: 93183

Dimensions: Ø 109 x 34 mm
Impact strength: IK06
Material color: white



Mounting set BL4-FM
Art.No: 93194

Dimensions: Ø 77 x 4.2 mm
Material color: white