B.E.G. LUXOMAT®



BL2-PLUS-FC

93405 EAN: 4007529934058

230V PIR motion detector with 360° detection and a range of up to Ø8m (50 m²), remote-controlled

Order data

Designation	Colour	Art.No
BL2-PLUS-FC	white	93405

Accessories

Designation	Colour	Art.No
IR-BL-PLUS	-	93406
BLE-IR-Adapter	black	93067
Mounting set BL2-SM	white	93256
Mounting set BL2-FM	white	93251
Wire basket BSK (Ø 200 x 90 mm)	white	92199
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882

Technical data

Voltage:	110 – 240 V 50 / 60 Hz
Dimensions:	Ø 80 x 61 mm
Power consumption:	0.3 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 8 m across max. Ø 4.8 m towards max. Ø 3.2 m seated
Monitored area (tangential movement):	50 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP23 / Class II
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white
Connections and wires:	0.5 – 1.5 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

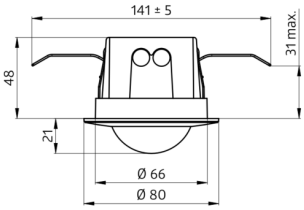
Accessory for surface mounting and flush mounting available

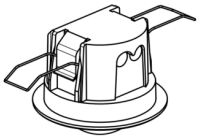
Factory setting: High detection sensitivity, follow-up time 10 min, switch-on threshold 500 lux

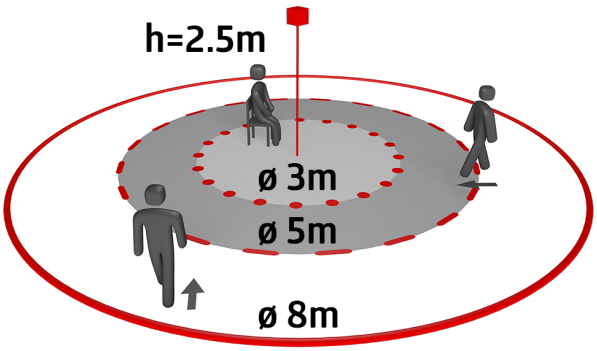
Easy operation with remote control (required)

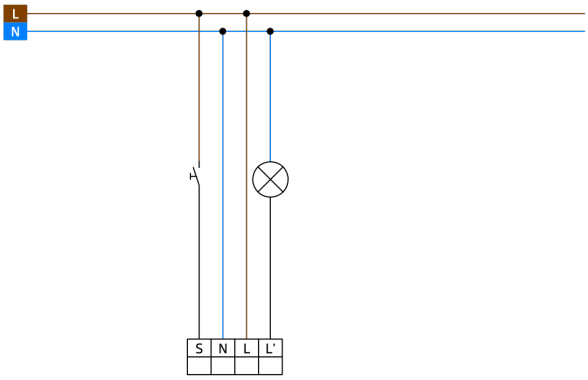
High-performance relay designed for 100,000 switching cycles under high load, several million switching cycles possible under low load

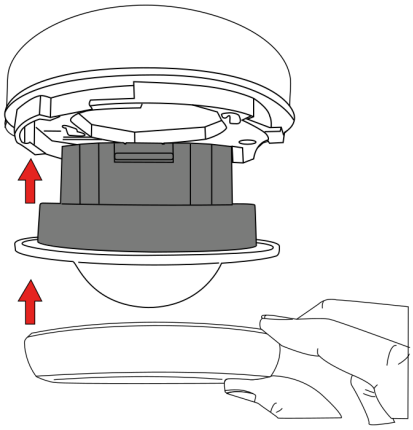
Typical applications:
Offices, conference rooms, schools, nursery schools, hospitals


141 ± 5
31 max.
48
21
Ø 66
Ø 80

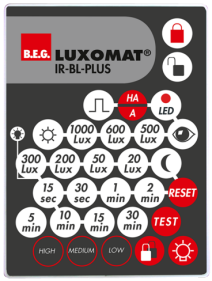



h=2.5m
ø 3m
ø 5m
ø 8m


L
N
S
N
L
L'



Accessories



IR-BL-PLUS
Art.No: 93406

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



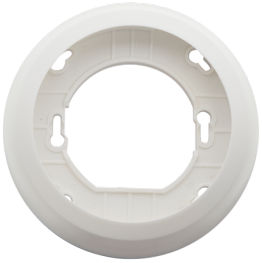
BLE-IR-Adapter
Art.No: 93067

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



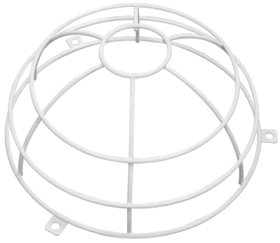
Mounting set BL2-SM
Art.No: 93256

Dimensions: Ø 109 x 50 mm
Degree / class of protection: IP23
Material color: white



Mounting set BL2-FM
Art.No: 93251

Dimensions: Ø 104 x 19 mm
Material color: white



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

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



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