LUXOMAT®



BL2-FC Set 93317-93251

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-FC	white	93317
Mounting set BL2-FM	white	93251

Areas of application

- corridors/hallways
- staircases
- toilets
- equipment rooms

Technical data

Voltage:	110 – 240 V
Dimensions:	**Ø 80 x 63 mm + Ø 104 x 19 mm (93251)**
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
Impact strength:	IK05
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 – 60 min
Switch-on threshold:	10 – 2000 Lux

Product information

Set : BL2-FC + Mounting set BL2-FM white

Ceiling motion detector for indoor use with a 360° detection area

For mounting in suspended ceilings

One channel for light switching

Zero crossing switching

Easy operation with remote control (required)

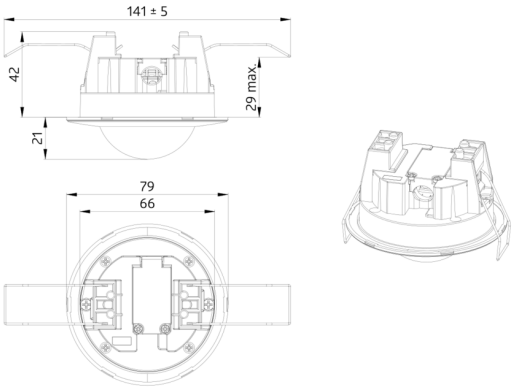
Basic functions for cost-effective applications

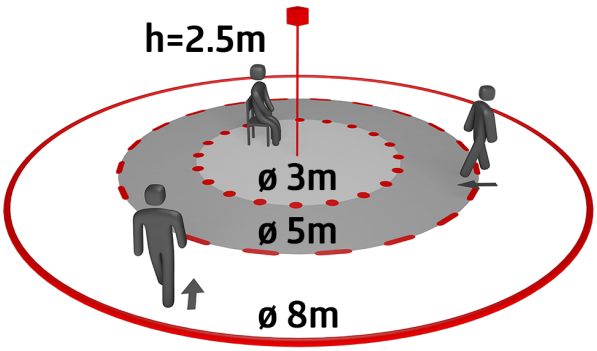
Ready-to-operate thanks to factory settings

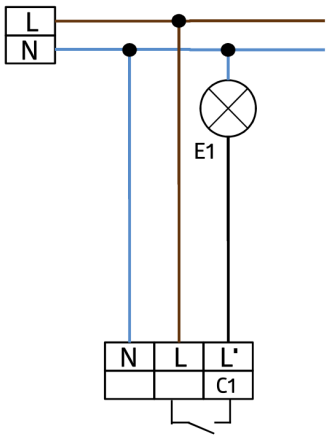
High-performance relay designed for 100,000 switching cycles under high load, several million switching cycles possible under low load

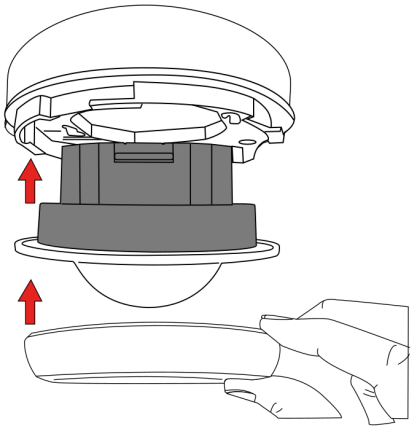
Accessory for surface mounting and flush mounting available

Factory setting: High detection sensitivity, follow-up time 3 min, switch-on threshold 500 lux


141 ± 5
42
29 max.
21
79
66


h=2.5m
ø 3m
ø 5m
ø 8m


L
N
E1
N
L
L'
C1



Set items

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



BL2-FC
Art.No: 93317

Voltage: 110 – 240 V
Dimensions: Ø 80 x 63 mm
Power consumption: 0.3 W



Mounting set BL2-FM
Art.No: 93251

Dimensions: Ø 104 x 19 mm
Material color: white