B.E.G. LUXOMAT®



HF-MD1

94401 EAN: 4007529944019

230V high-frequency motion detector with 360° coverage and a range of up to Ø16m (200 m²)

Order data

Designation	Colour	Art.No
HF-MD1	white	94401

Areas of application

- toilets
- equipment rooms

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882

Technical data

Voltage:	230 V AC +/- 10% 50 / 60 Hz
Dimensions:	101 x 42 x 42 mm
Power consumption:	approx. 1.2 W
Detection area:	horizontal 360° (Ceiling mounting) Ø 0.4 – 16 m
Range:	max. Ø 16 m towards
Monitored area (tangential movement):	200 m² / 2.5 m mounting height
Mounting height min./max./recommended:	1 m / 4 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Ambient temperature:	-15 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Channel 1 (lighting control)	
Switching power:	1200 W, cos φ = 1 800 W LED max. inrush current Ip (20 ms) = 120 A
Type of contact (k):	1x µ-contact, NO contact
Follow-up time:	5 sec – 15 min
Switch-on threshold:	2 – 2000 Lux
Radar / HF technology:	5.8 GHz, < 10 mW

Product information

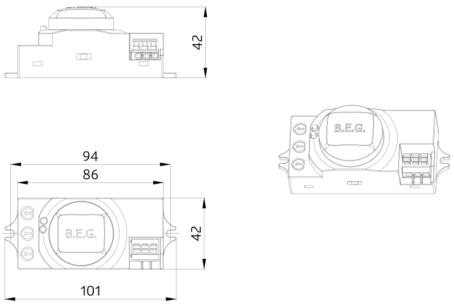
Microwave motion detector, designed for surface mount and installation in lights

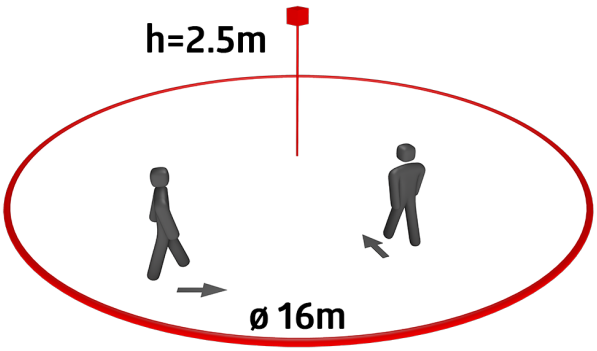
Temperature-independent detection

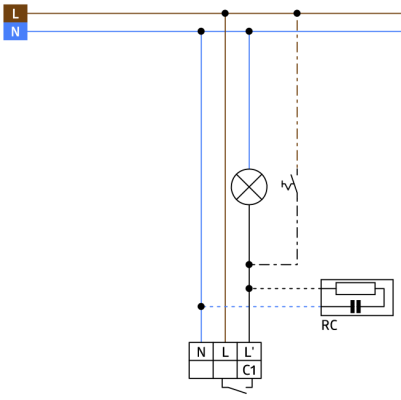
Detection can be made through various materials

Range, switch-on threshold and follow-up time set via potentiometers

Application examples:
toilets, equipment rooms


42
94
86
B.E.G.
42
101
B.E.G.


h=2.5m
ø 16m


L
N
RC
N
L
L'
C1

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