

**B.E.G.****LUXOMAT®**

## HF-MD1 ESL

Prod.No. 94417 EAN: 4007529944170

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

Temperature-independent detection

Detection can be made through various materials

### Areas of application

- toilets
- equipment rooms

### Order data

| Designation | Colour | Art.No |
|-------------|--------|--------|
| HF-MD1 ESL  | white  | 94417  |

### Accessories

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

## Technical data

|   |  |
|---|--|
| Voltage:                                  | 230 V AC +/-<br>10% 50 / 60 Hz                           |
| Dimensions:                               | 101 x 42 x 42<br>mm                                      |
| Power consumption:                        | approx. 1.2 W  |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)<br>Ø 0.4 - 16 m |
| Range:                                    | max. Ø 16 m<br>towards                                   |
| Monitored area (tangential<br>movement):  | 200 m <sup>2</sup> / 2.5 m<br>mounting<br>height         |
| Mounting height<br>min./max./recommended: | 1 m / 4 m / 2.5<br>m                                     |
| Degree / class of<br>protection:          | IP20 / Class II  |
| Ambient temperature:                      | -15 °C to +50<br>°C                                      |
| Housing:                                  | polycarbonate,<br>UV-resistant                           |
| Material color:                           | white mat,<br>similar to<br>RAL9010                      |

### Channel 1 (lighting control)

|                        |   |
|------------------------|---|
| Switching power:       | 1200 W, $\cos \varphi$<br>= 1<br>800 W LED<br>max. inrush<br>current $I_p$ (20<br>ms) = 120 A |
| Type of contact (k):   | 1x $\mu$ -contact,<br>NO contact  |
| Follow-up time:        | 5 sec - 15 min  |
| Switch-on threshold:   | 2 - 2000 Lux  |
| Radar / HF technology: | 5.8 GHz, < 10<br>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



## Accessories



### RC-Arc extinction kit

Art.No: 10880

Voltage: 230 V AC  $\pm 10\%$

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  $\pm 10\%$

Dimensions: 50 x 23 x 8 mm

Degree / class of protection: IP20 / Class II