

**Features**

- PC UV stabilised material
- Switching capacity max. 2000W
- Surface and recessed mounting option
- 5.8 GHz continuous wave radar, ISM band
- Motion can be detected through plastic, glass and thin non-metal materials

**Time delay**

Adjustable time delay  
10 sec - 12 min

**Microwave sensor**

5.8 GHz continuous wave  
radar, ISM band

**Motion detection**

Detection range 360°  
max. range 12 m

**Dusk detection**

Control based on ambient  
light and motion detection



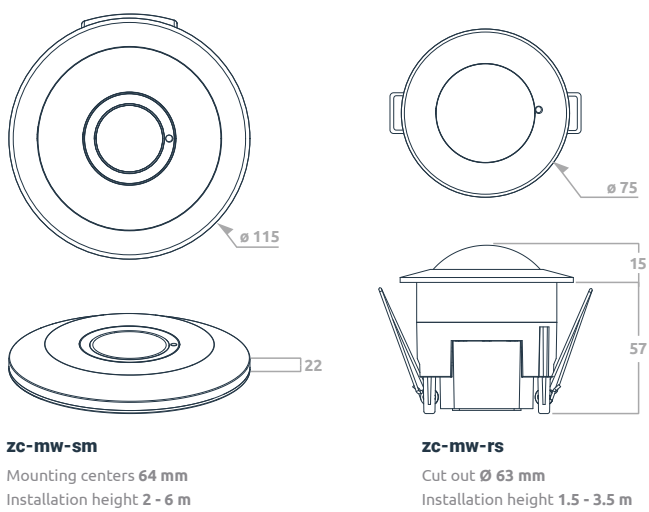
Product range

Order code	Description
zc-mw-sm	Indoor microwave sensor 12 m, surface mount
zc-mw-rs	Indoor microwave sensor 12 m, recessed mount

Features

- PC UV stabilised material
- Switching capacity max. 2000W
- Detection range 360° max. range 12 m
- Surface and recessed mounting option
- 5.8 GHz continous wave radar, ISM band
- Control based on ambient light and motion detection
- Motion can be detected through plastic, glass and thin non-metal materials

Dimensions

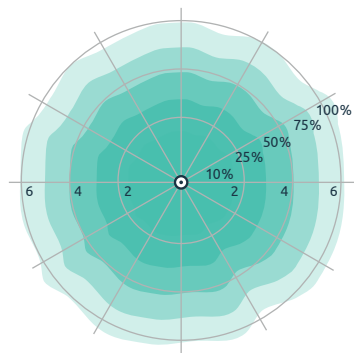


Specifications

Sensors	Microwave, ambient light	
HF system	5.8 GHz CW radar, ISM band, <0.2mW	
Supply voltage	230 V ~ 50 Hz	
Output load	<b>zc-mw-sm</b> 2000 W resistive ⚡ 1000 W inductive ⚡	<b>zc-mw-rs</b> 1200 W resistive ⚡ 300 W inductive ⚡
Operating temperature	-20 to 40°C	
Field of view	360°	
Detection range	2 - 12 m (adjustable)	
Detection motion speed	0.6 - 1.5 m/s	
Time delay	Min. 10 sec ± 3 sec Max. 12 min ± 1 min	
Ambient light	<3 - 2000 lux (adjustable)	
Ingress protection	IP20	
Material	PC UV stabilised	

Detection pattern

Order code	Range ø	Height
zc-mw-sm	12 m	2 - 6 m
zc-mw-rs	12 m	1.5 - 3.5 m



Configuration

To access the rotary dials, turn the cover anti-clockwise to release it. By adjusting the rotary dials the sensor can be set for each specific application.

**Daylight** The lamp works always, even during daylight

**Twilight** The lamp works only in twilight and darkness

**Darkness** The lamp works only in darkness

**Note** When testing in daylight the lux rotary dial must be set to maximum for the sensor to trigger.

		  
<b>Hold time</b>	<b>On-time</b> Refers to the time period the lamp remains at 100% illumination after no motion detected	
10 sec		
30 sec		
90 sec		
3 min		
6 min		
12 min		
<b>Sensitivity</b>	<b>Detection area</b> Detection area can be reduced by selecting the desired level on the rotary dial	
100% (default)		
75%		
50%		
25%		
10%		
<b>Lux operation</b>	<b>Light-level</b> The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold	
3 lx darkness operation only		
30 lx darkness operation only		
300 lx twilight operation		
☀ daylight sensor disabled		