



Features

- PC UV stabilised material
- Compact flush mount design
- Switching capacity max. 2000 W
- Passive infra-red motion sensor (PIR)



Time delay

Adjustable time delay
10 sec - 12 min



Relay rating

Suitable for switching
up to 2000 W



Motion detection

Detection range 360°
max. range 6 m



Dusk detection

Control based on ambient
light and motion detection



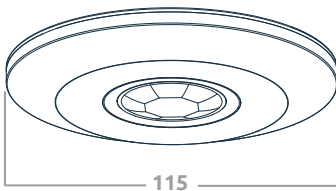
Product range

Order code	Description
zc-pir-sm	PIR sensor 6 m, surface mount

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- PC UV stabilised material
- Compact flush mount design
- Switching capacity max. 2000 W
- Passive infra-red motion sensor (PIR)

Dimensions



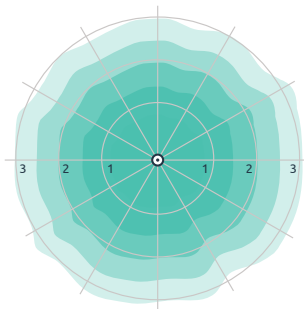
Mounting centers 64 mm

Specifications

Sensors	PIR, ambient light
Supply voltage	230 V ~ 50 Hz
Output load	2000 W resistive ⚡ 1000 W inductive ⚡
Operating temperature	-20 to 40 °C
Field of view	360°
Detection range	Max. 6 m (<24 °C)
Detection motion speed	0.6 - 1.5 m/s
Time delay	Min. 10 sec ± 3 sec Max. 15 min ± 2 min
Ambient light	<3 - 2000 lux (adjustable)
Ingress protection	IP20
Material	PC UV stabilised

Detection pattern

Detection zone	Range ø	Height
Max.	6 m	2.2 - 4 m



Configuration

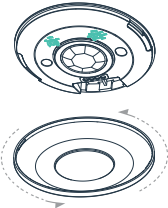
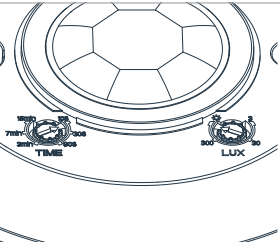
To access the rotary dials, turn the cover anti-clockwise to release it as shown below. By adjusting the rotary dials the sensor can be precisely set for each specific application.

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.

	
<p>Hold time</p> <ul style="list-style-type: none"> 10 sec 30 sec 90 sec 3 min 7 min 15 min 	<p>On-time</p> <p>Refers to the time period the lamp remains at 100% illumination after no motion detected</p>
<p>Lux operation</p> <ul style="list-style-type: none"> 3 lx darkness operation only 30 lx darkness operation only 300 lx twilight operation ☀ daylight sensor disabled 	<p>Light-level</p> <p>The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold</p>