



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 - 30 min



High ceiling

Suitable for mounting
on high ceilings



Motion detection

Detection range 360°
max. range 4 x 20 m



Dusk detection

Control based on ambient
light and motion detection



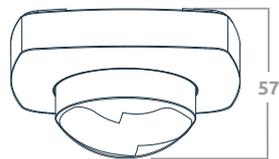
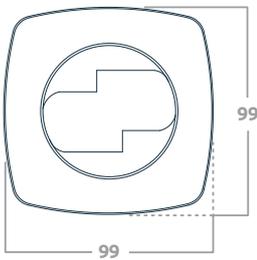
Product range

| Order code | Description |
|----------------------|------------------------------------------|
| zc-pir-sm-20m | PIR sensor 4 x 20 m, surface mount, IP20 |

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Dimensions



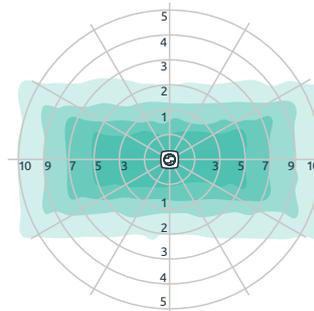
Mounting centers 82 mm

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 area | Max. 4 x 20 m (<24 °C) |
| Detection motion speed | 0.6 - 1.5 m/s |
| Time delay | Min. 10 sec ± 3 sec Max. 30 min ± 2 min |
| Ambient light | < 3 - 2000 lux (adjustable) |
| Ingress protection | IP20 |
| Material | PC UV stabilised |

Detection pattern

| Scale | Mounting height | Detection area |
|-------|-----------------|----------------|
| | 4 m | 10 x 2 m |
| | 6 m | 12 x 2.5 m |
| | 8 m | 16 x 3 m |
| | 10 m | 20 x 4 m |



Configuration

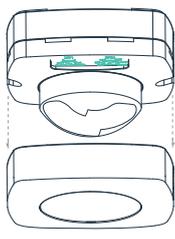
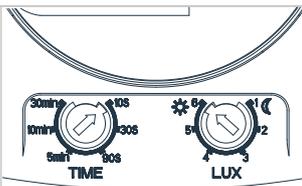
Detach the cover to access the rotary dials. By adjusting the rotary dials the sensor can be precisely set for each specific application.

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 5 min 10 min 30 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 | |