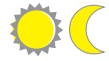


PHOTOCELL SENSOR



A light fitting with a photocell sensor will turn on at night and stay off during the day.

WPCSWHPC shown



A **PHOTOCELL** detects ambient light level i.e. 🌄 dusk to 🌅 dawn and turns the light fitting on & off when the set Lux levels are detected.

🌄 **DUSK**
20 Lux

🌅 **DAWN**
70 Lux

Many fittings with **PHOTOCELL** have an industry set Lux level and Time which you cannot adjust.



If you need a photocell with adjustable controls or need to control several LED fittings, check out Eterna's external photoelectric switch **RDT10A**.

PIR SENSOR

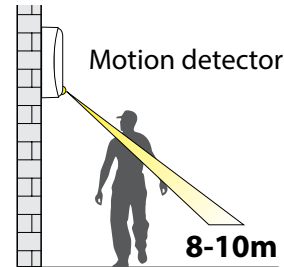


Passive Infrared (PIR) sensors are triggered by heat, such as a person walking by, and tend to have a narrow detection range. A light fitting with a PIR will stay on for a set timeframe after being triggered.

BHPIRCS
- cover removed to show PIR settings



🌄 🌅 **ANYTIME**
during day or night



The time controls on a **PIR** allow you to set how long the fitting will stay on after being activated by the motion detector.

A **PIR** detects motion but may also be integrated with a lux detector so the light fitting is triggered to power up at night, once motion is detected.

Take a look at Eterna's external 180° PIR detector **PIR180WH** if you need multiple control options, a flexible detection zone, and need to control several LED fittings



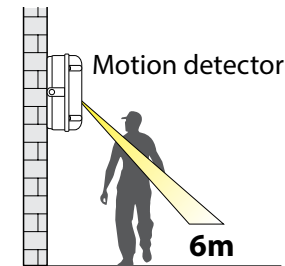
MICROWAVE SENSOR



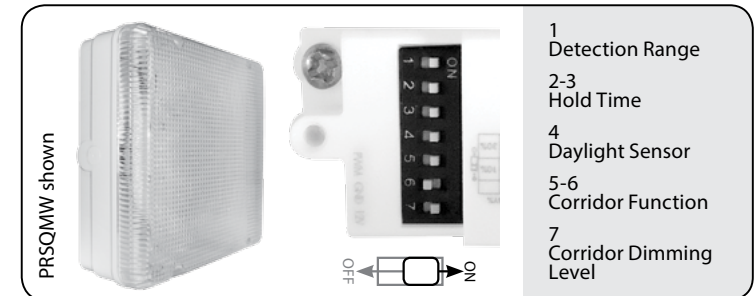
Microwave sensors emit radio waves at high frequency, and are triggered when they sense a change in the reflected radio waves. They can provide multiple control options and save energy used for lighting installations.

Microwave sensors typically have a wide detection range, and can even sense through walls. They are particularly effective in wide open spaces such as warehouses and corridors.

🌄 🌅 **ANYTIME**
during day or night



CORRIDOR DIMMING is a great way of optimising energy savings where there are many fittings in a row, such as in a hotel corridor. This means that the fittings can be dimmed or off until motion is detected, which then triggers the fittings in the corridor to turn on or dim up sequentially as a person moves through a corridor.



1	2-3	4	5-6	7
Sensitivity / Detection Range	Hold-Time	Daylight Sensor / Threshold	Corridor Function	Corridor Dimming Level
50% option if 6m is too much	How long light remains on at 100% when motion is no longer detected	You can set the fitting to come on during daylight when activated	How long the light remains on at low level when motion is no longer detected	The percentage of how low the light dims after hold time (30% output for example)