

Sensor Adjustment Instructions

These fittings are supplied with a presence detection sensor with adjustable time delay. Depending on the gear supplied dictates the fittings response once the sensor is triggered. The fitting will either turn on/off or be a dimming / bi-level version.

Sensor Operation

The passive infrared sensor will activate the luminaire on detection of changing heat patterns within the detection zone. Once the sensor detects motion the luminaire will be activated and immediately change to one hundred percent output. Each time motion is detected the time delay will reset, therefore the luminaire will not switch off /dim until the full time delay period has passed with no motion within the detection zone. If there is continuous motion within the detection zone the luminaire will not switch off / dim.

Time Delay Setting

The time delay for the luminaire during periods of absence is set through an adjustable dial next to the sensor lens. This dial has settings 0-9, 0 being the shortest time delay and 9 the longest. This dial can be adjusted using a small screwdriver.

The time delay for each of the numbers on the adjustable dial are shown below:

DIAL	0	1	2	3	4	5	6	7	8	9
DELAY	5secs	30secs	1min	2mins	3mins	5mins	10mins	20mins	30mins	60mins

For Bi Level Dimming Versions Only

WARNING - Luminaire must be isolated from the mains before adjusting the off delay jumper

Modes of Operation

If the fitting is supplied with a dimmable ballast there is an option for Bi-Level dimming. To achieve Bi-Level dimming the jumper found on the sensor board needs to be positioned in either '30min', '10min', '1min' or 'never off' position ('never off' means that the fitting will dim to 10% and stay at that level until the sensor is activated at which point it will dim the fitting back up to full output).

The jumper is located by removing the top cover of the sensor endcap of the fitting.

If the fitting is dimmable and the jumper is in the 'instant off' position this means the fitting will not dim after a period of absence but just switch off.

For Fixed Output Versions Only

The jumper must be in the 'instant off' position for fixed output fittings, this will be done during manufacture of the fitting so no need to be changed on site.



INSTANT OFF



NEVER OFF



1 MIN OFF



10 MIN OFF



30 MIN OFF

EXAMPLES

* If the fitting is dimming and the dial is set at 2mins / the jumper is at 10MIN OFF. This means the fitting would dim to 10% output after the 2mins absence detection, it would stay at 10% for another 10 minutes if movement is still not detected then switch off.

* If the fitting is fixed output the dial is set at 2mins / the jumper is at INSTANT OFF. This means the fitting will switch off after 2mins if no movement has been detected.