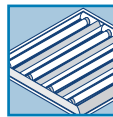


## MWS-5

## COMPACT MICROWAVE PRESENCE DETECTOR

The cutting edge MWS5 series of compact microwave presence detectors are designed to optimise space within a luminaire. There are two sensor types available, the MWS5 which is designed specifically for mounting inside most luminaires and the MWS5/SA which can be mounted directly onto a wall or discretely on the ceiling. The flexibility of this sensor gives luminaire manufacturers and lighting designers the ability to incorporate presence detection into their design with ease. The unobtrusive nature of the sensor means the occupier of the space need not know the area is being controlled.

DETECTION RANGE DIAGRAM ON PAGE 48



### NEW PRODUCT



## LUMINAIRE MOUNT

The MWS5 has been designed to fit quickly into most types of luminaires. The presence detector consists of two parts: the sensor head and the power supply unit. The sensor head can be mounted in a number of positions depending on the type of luminaire: it can be mounted onto the gear tray cover using pre-moulded fixing lugs; a flange mounting receptacle allows the unit to be mounted onto the rear side of a diffuser; or the same receptacle enables the sensor head to be fixed through the front face of the fitting. The MWS5 can see through plastic so it can be incorporated into sealed fittings without the integrity of the fitting being compromised. The power supply unit, supplied in a low profile, ballast style housing, is mounted in the gear tray; power connections are push fit, whilst the sensor head is plugged in. Time, lux and sensitivity are adjusted easily via two discrete push buttons on the front of the sensor head.

## STAND ALONE (WALL OR CEILING)

The MWS5/SA can be used as a stand alone presence detector. A flush fit ceiling clip allows the sensor head to be mounted into a ceiling tile; alternatively the sensor head can be mounted either on the wall or ceiling using the surface mount base plate. The power supply unit can be mounted remotely for easy access.

## APPLICATIONS

- Integrated into luminaires
- Schools
- Offices
- Toilets
- Universities
- Retail
- Industrial

## KEY FEATURES AND BENEFITS

Reduced head size	Unobtrusive
Luminaire mounting	Flexible
Plug in connections	Simple installation
Wall or ceiling mount	Versatile
Adjustable	Simple set up
Dimming option	Enhanced control
Absence detection	Manual ON, auto OFF
Infrared control option	User control over sensor
Detects through plastic	Maintains IP integrity