

# INTELLIGENT BULKHEAD SOLUTIONS



“Microwave detection is a newer and more advanced occupancy sensor than the PIR – it works by emitting high-frequency electro-magnetic waves and then receives their echo.”

The sensor detects the change in echo from the slightest movement in the detection zone which commands a microprocessor to switch the light on. The main benefit of using Microwave sensors over PIR are:

- Being Microwave, it can be mounted inside most luminaires, therefore not compromising the IP rating.
- 16m coverage – more than adequate for most internal applications.
- Fully adjustable in terms of light-linking, detection range, and time-lag.



Our range of Bulkhead Luminaires has been designed to be simple to install and is available in many LED, Fluorescent, Emergency and Dimmable options. We are able to incorporate Switching or Dimmable Microwave Detection within all of our range of luminaires providing optimum control of the luminaire, further enhancing the energy savings already available when using our LED range of luminaires.

