



ADDITIONAL INFORMATION - MICROWAVE SENSOR

- Versions fitted with a MicroWave sensor allow the bulkhead to be automatically switched ON where movement is detected
- MicroWave sensors are significantly more sensitive than Passive Infra Red (PIR) sensors, which only detect changes in heat against the background. Therefore MicroWave sensors can be prone to 'nuisance switching' in an exterior application

MICROWAVE SENSOR SETTINGS

- The MicroWave sensor is supplied, pre-set to its optimum settings and also configured to 'corridor function' facility. This provides a standby mode, where the sensor will switch the bulkhead off
- By Default the Sensor is set to dim the product to 0% light output when no presence detected. This can be changed to 10% by changing the wiring layout on the terminal block
- The Bulkhead can be adjusted to switch/dim to 10%, (see below). Due to the use of LED, the energy used is minimal in Corridor Function mode and threshold setting prevents the sensor from operating when there is adequate natural light in the area. (Image 9).
- This low illumination provides security for people in areas such as corridors and stairwells, that the area is not totally dark when initially entered. **When Set to 10% dimming, Emergency versions can no longer be switched on/off**
- The Sensor Has a LED that will flash to show how the sensor is set

- **Range** – The sensor has a maximum range of upto 10M, this is based on being ceiling mounted at around 2.5M. The range is based on detecting a person of around 1.6M tall, 1 Flash =1M, 5 Flashes =5M, 10 Flashes = 10M
- **Time** -the light can be set to stay ON for any period of time between approx. 10sec (dial turned fully anti-clockwise) and a maximum of 30min(dial turned fully clockwise). Any movement detected during the "on" time will reset the timer. The number of flashes means the following:
1 flash=10sec, 2 flashes=1 min, 3 flashes=2 min, 4 flashes=5 min, 5 flashes=8 min, 6 flashes=10 min, 7 flashes=15 min, 8 flashes=20 min, 9 flashes=25 min, 10 flashes=30 min
- **Ambient Light** - The ambient Light level can be set between 2-2000lux. Turn it fully anti-clockwise to select dusk- to-dawn operation at about 2 Lux. Turn it fully clockwise to select daylight operation at about 2000lux. The knob must be turned fully clockwise when adjusting the detection zone and performing the walk test in daylight.

1. Detection Range – Recommended Maximum setting (Approx 10M radius) for optimum sensing
2. Switch Off Time Delay – Min 10seconds and Max 30minutes. If movement is detected during the set time delay, the delay resets. This prevents unwanted frequent switching
3. Threshold Setting – This allows the ambient light in the area to be considered, so the sensor only switches the LED bulkhead ON when there is low ambient light. Min Setting 2lux, Max 2000lux
To make maximum use of the corridor function, use the maximum setting