

INSTALLATION INSTRUCTIONS

Bulkhead Plug & Play Microwave Sensor with Corridor Function

Product Codes: PP/BULKIT/MSCF

Safety Warning



- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.
- Follow the provided installation instructions, using the fixings supplied or recommended.
- Keep out of reach of children.



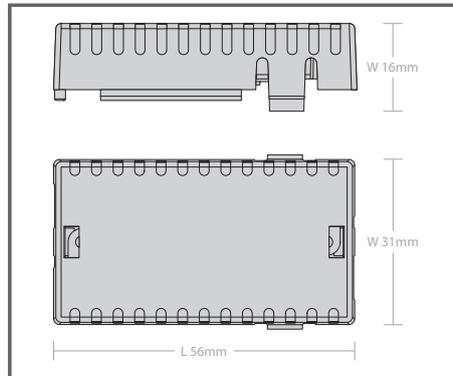
Specification

Box Contents -
1 x Microwave Sensor

Dimensions: L: 56mm x W: 31mm x D: 16mm

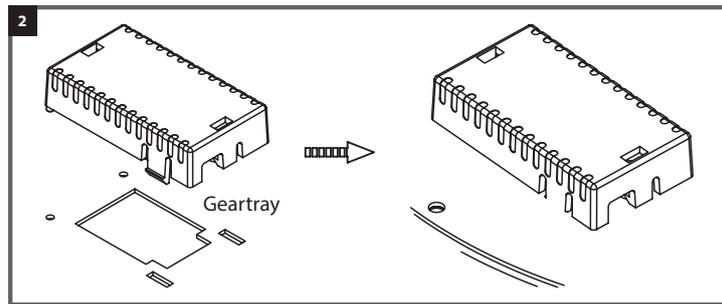
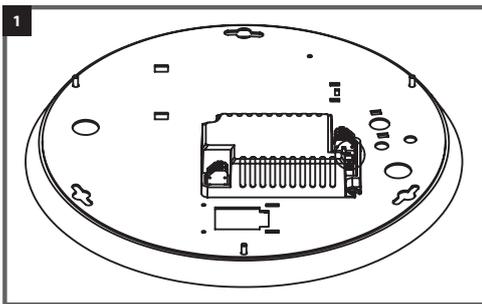
Material: Polycarbonate

Working Temperature: Standard: -20°C - 40°C



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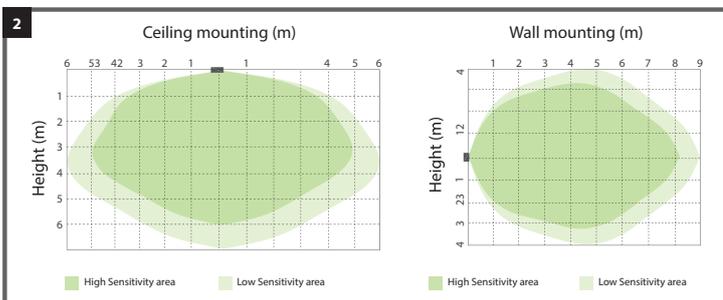
1. Plug the microwave sensor into the driver noting the orientation of the socket.
2. Insert the microwave sensor into the geartray from the back side ensuring the clips are engaged and sensor is secured.
3. After geartray is installed set the dip switches from the front of the geartray following the below steps.



Instructions for Microwave Sensor Set Up

The Microwave Sensor allows the Bulkhead to detect when an occupant enters or leaves an area, turning the luminaire on or off accordingly.

1. The sensor should be positioned so that the occupants of the area fall inside the detection patterns shown in the diagram below.



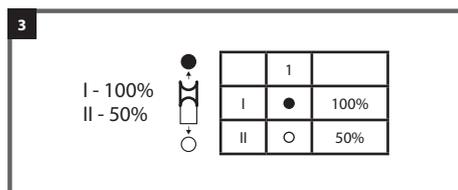
2. The diagram is based on a maximum ceiling mounting height of 6m. Note that the lower the sensor is installed, the smaller the detection range will be e.g. at a ceiling height of 2.8m the detection diameter is approximately 4.7m.

The distances quoted are approximate and may vary depending on the surroundings.

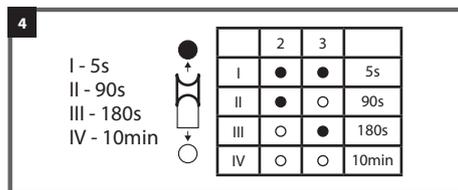
Do not site within 1m of forced air heating or ventilation.

Do not fix to a vibrating surface.

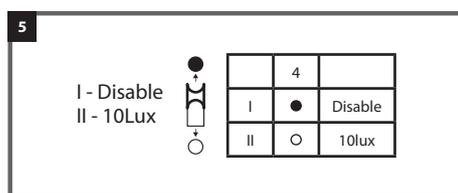
3. **Sensitivity** can be adjusted by selecting the required combination on dip switch 1 for different applications.



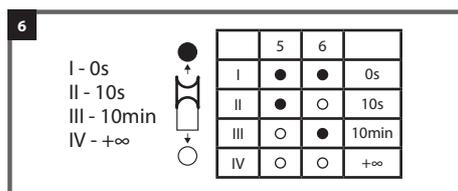
4. **Hold time** refers to the time period that the light remains on if no more movement is detected. Set using dip switches 2 & 3.



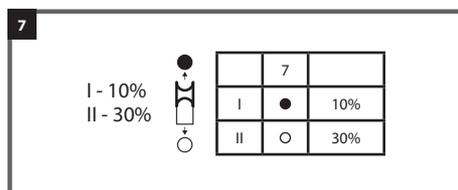
5. Different **daylight thresholds** can be pre-set using dip switch 4. Light will always turn on upon movement if daylight sensor is disabled.



6. **Stand by time** refers to the time period that the light remains at a low level before it is completely turned off if the area continues not to be occupied. This can be set using dip switches 5 & 6.



7. **Stand by dimming level** refers to the different light levels after hold time.



Guarantee

This product is guaranteed for a period of 5 years from the date of purchase. The guarantee is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The guarantee is also invalidated if the luminaire has been insulation tested. Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

Maintenance

- When this fitting comes to the end of its life or you choose to replace it, please do not dispose of it with your normal waste. Please recycle where the facilities exist, check with your local authority for suitable options.

INS/ACCESSORIES/0009/PP-BULKIT-MSCF/V1