

**Please take the time to read this quick installation guide. The guide contains important information and notes regarding the installation and operation of LED Bulkhead Series - BH**

**WARNING:** This product must be installed in accordance with the applicable installation code by a competent persons familiar with the installation and operation of the product, IEEE national wiring standards & hazards involved

## Installation Instructions

**DANGER-RISK OF SHOCK-DISCONNECT POWER BEFORE INSTALLATION - DO NOT TOUCH LED EXPOSED COMPONENTS/PCB**

1. Identify installation location & check for any passing wiring/piping prior drilling and installing cables.  
Note: Ensure chosen surface is of sufficient strength/thickness to withstand weight of LED bulkhead installation.
2. Remove the 4 screws/plastic washers located along each side of the luminaire the hold the polycarbonate cover to the base. Retain screws for later use.
3. Remove the gear tray from inside the unit by removing the further 4 screws inside & retain screws for later use. Take care to ensure the earth wire attached to the aluminium base is not pulled. This can be removed by simply unscrewing the screw holding it to the base.
4. Position and fix the base ensuring sealed fixings are used only with the circular protrusions in the base to ensure screw holes remain sealed.  
**WARNING The warranty will be invalid if these fixing methods are not adhered to.**
5. Enter supply cable into the luminaire through previously selected hole ensuring that a cable gland, grommet or sealing compound is used to maintain the IP rating of the luminaire. The correct fixings should be used for brick, cavity walls or plasterboard.
6. Identify/install mains power supply wiring within close vicinity to the installation area. Wire into the luminaire feed mains supply using appropriate cable size (Recommended 3-core type insulated cable of diameters 1.0mm - 2.5mm cable size) via the feed input connector located inside the luminaire: Live (L), Neutral (N) & Earth (E). **NOTE: LUMINAIRE IS CLASS I & DOES REQUIRE AN EARTH.** OPTION: if dimming control required, ensure have appropriate source signal with via +/- . Install as per control manufacturers guidelines.
7. Re-attach the LED gear tray to the secured base using the screws removed in step 3. **Note: take care not to trap/damage heat insulation or wiring in the process.**
8. OPTIONAL – if microwave (Mi)/emergency (M3) version, refer to appropriate instructions to set the unit as required.
9. Re-attach the polycarbonate cover to the front of the fitting using the 4 screws and washers removed in step 2.
10. Repeat steps 1 to 9 for each additional luminaires.
11. Check all connections are sound and properly insulated. Verify that the modifications are correct and safe.
12. Switch power on.

**NOTE: Installation of LED luminaire with modification to the unit, or incorrect fitting in accordance with the above instructions could result in damage/failure of the luminaire, which may invalidate warranty.**

### WARNINGS, CAUTIONS AND OPERATING INSTRUCTIONS

1. Risk of fire or electric shock. The electrical rating of these products are 100 - 280V AC, the installer must determine whether they have 100 - 280V AC at the luminaire before installation.
2. Risk of fire or electric shock. Luminaires wiring, or other electrical parts may be damaged when installing of other hardware. Check for enclosed wiring and components.
3. Risk of fire or electric shock. Kit installation requires knowledge national wiring and electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
4. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
5. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING - Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

For more information, contact your supplier for further details. Installers should remove any existing wire/luminaire systems prior to installation.

**SUITABLE FOR DRY LOCATIONS ONLY. THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.**

Luminaire must be operated within an ambient fixture temperature of -20°C to 50°C to comply with all safety and warranty regulations. Ensure sufficient air flow around the for efficient heat dissipation. Failure to do so could significantly reduce luminaire life and/or safety/warranty regulations.

Environmental Protection (W.E.E.E.) – Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this marking (left) must not be disposed of with other household or commercial waste. We do not levy any WEEE disposal charges to its customers for affected WEEE related products. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Centre or retailer for recycling advice. If, when you purchased product, your supplier included a WEEE disposal fee, you should then contact your supplier for advice on their take-back of the product for the correct disposal.

MANUFACTURER'S GUARANTEE - This product is guaranteed in the country of purchase for the number of years as stated from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not in accordance with the advised instructions and/or national wiring regulations. 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. This warranty is in addition to the statutory rights in your country of purchase and reserve the right to alter specifications without prior notice.