

## SPECIALS

### INSTALLATION INSTRUCTIONS

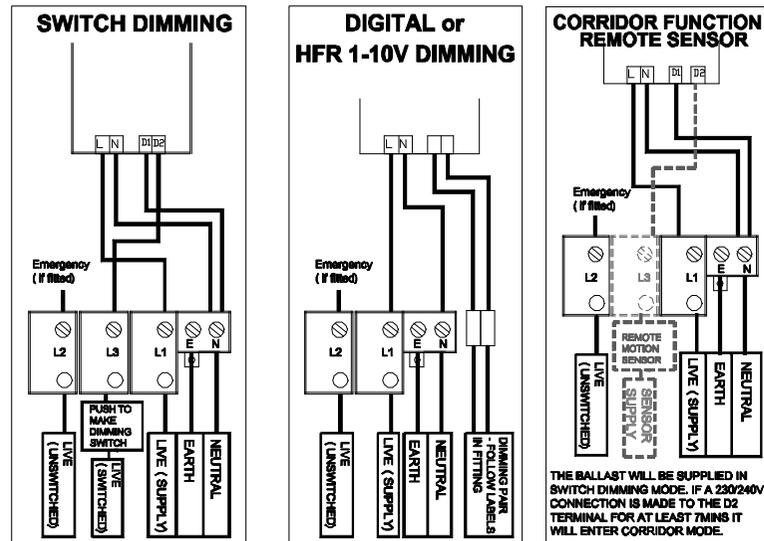
#### CONNECTING MAINS SUPPLY:

1. When hard wiring the mains supply follow instructions as indicated on the terminal block.
2. Insert tubes.
3. Test for operation. When connected to appropriate supply (as indicated on internal label) the luminaire will illuminate all connected lamps excepting failure of lamps, fuse (if applicable) or control gear.

#### GENERAL NOTES:

- a) If supplied, louvres should be handled using gloves; grease from hands may permanently mark the surface of the louvre.
- b) If the luminaire is supplied with an aluminium louvre it must be earthed.
- c) If surface mounting the fitting ensure the fixing surface is sufficient to support the luminaire weight.
- d) Please check the luminaire's ingress protection rating (IP rating) is suitable for the area it is to be installed into. It is the responsibility of the installer to ensure the IP ratings are maintained once the fitting is installed.
- e) This luminaire is only suitable for domestic, light industrial and industrial environments, which are within the scope of EN 55015.
- f) Not for use in hazardous areas.
- g) If the fitting is recessed under no circumstances can it be covered with insulating matting or similar material.
- h) Ensure, on all switch start fittings, that the starters are replaced simultaneously when changing lamps. Spot replace the lamps upon their failure and ensure a regular lamp and starter maintenance program is implemented.

#### IF THE FITTING IS DIMMABLE wire as below:



#### DIMMING NOTES:

The use of Corridor Function is not recommended in ambient temperatures below 0°C.

Always wire the fitting as per the labels indicated on the terminal blocks.

To ensure optimum lamp performance we advise that it is good practice to burn the lamps for 100hrs before dimming.

For mains wiring of fittings with integral sensors refer to separate sensor installation leaflet.

#### IF THE FITTING IS MAINTAINED EMERGENCY:

**IMPORTANT:** When the mains supply is isolated, the output terminals can still be live if the battery is connected. Both mains and batteries must be isolated before servicing.

1. This luminaire is supplied converted for 3 hour maintained emergency operation.
2. Fitting should be installed in the usual way as detailed on the installation instruction leaflet supplied.
3. A secondary unswitched live connection (L2) should be fed to the inline within the fitting to supply a monitor live and for the battery charging circuit. The unswitched supply must be taken from the same phase as the switched luminaire supply.
4. Once installed the unit integral/remote must be commissioned. The battery cells must be connected to the emergency module (left disconnected in packing to avoid possible high voltages at lamp holders) this is done by a plug and socket arrangement.
5. After connecting the unswitched mains supply, the green LED indicator illuminates to indicate the batteries charging. Upon disconnection of this supply the indicator will extinguish and the emergency tube will light.
6. A period of 24 hours should be allowed before a full discharge test is carried out to ensure the battery is fully charged. Several full charges and discharges may be required to ensure that the battery attains maximum capacity.
7. Batteries should be replaced once the rated duration can no longer be met. The test record card should be completed at specified intervals to indicate that the full 3 hour duration is still being obtained.
8. A maintenance sheet showing testing intervals and durations is included and should be filled in by the installation engineer on completion and issued to the customers maintenance department.

Excessive disconnection of the unswitched mains supply may result in premature lamp failure or failure of the luminaire .

#### NORMAL AND EMERGENCY SUPPLIES MUST BE CONNECTED TO THE SAME PHASE

There are no user serviceable parts in the module.

Battery electrolyte can be harmful to eyes and open wounds. Care must be taken to avoid puncturing the case and allowing electrolyte to escape. If electrolyte touches the skin, flush with water.

Do not incinerate batteries.

**WARNING – THIS LUMINAIRE MUST BE EARTHED**  
**This luminaire has been tested and is manufactured to comply with BS EN 60598 specification for general requirements and tests. It should be installed by a suitably qualified person in accordance with I.E.E. regulations and relevant legislation.**

