

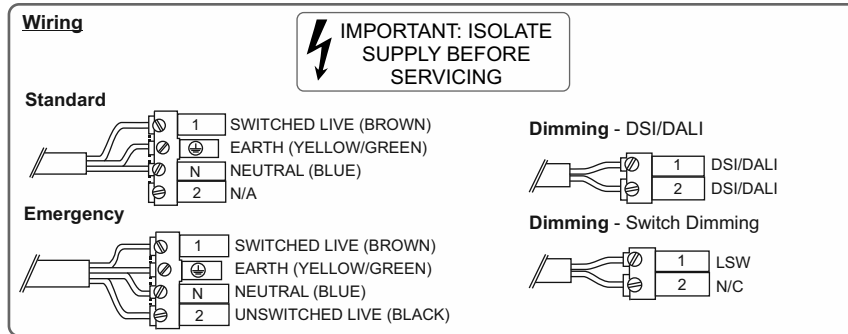
# Waveform Wall LED



Waveform Wall luminaires comply with BS EN60598 Class 1(IP20) and are designed for wall mounting.  
 Approved normal ambient temperature range: 5°C to 25°C  
 Suppressed for use in residential accommodation.

### INSTALLATION OF LUMINAIRE

1. Ensure mains supply is turned off.
2. Connect mains supply cable to plug supplied. (As shown in Fig 1)

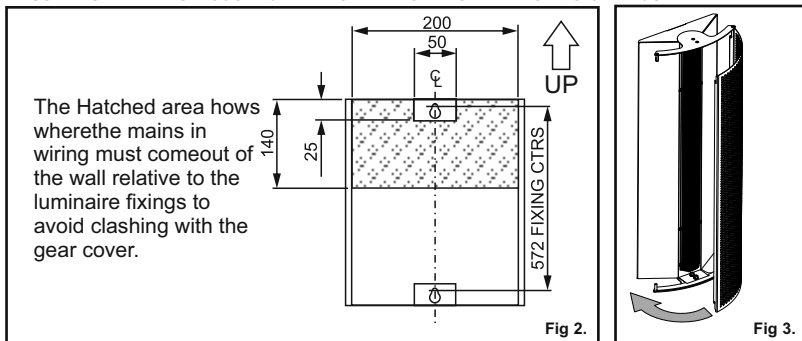


**NOTE - LUMINAIRE MUST BE EARTHED**

**NOTE - LUMINAIRES MUST NOT BE HIGH VOLTAGE OR MEGGER TESTED**

3. Disengage perforated front diffuser by unclipping from one side, rotate then remove.  
**DO NOT DISCARD OPAQUE FILM FROM INSIDE THE DIFFUSER.**
4. Fit woodscrews or suitable fixings to the wall, refer to (Fig 2) for centres & positions relative to incoming mains cable.
5. Fit mains supply plug to socket inside the back of the luminaire then mount luminaire to the wall on keyslots. Tighten fixing screws using a long screwdriver, accessing through clearance holes in the front of the luminaire.
6. Re-fit the perforated diffuser making sure the opaque film is still fitted to the inside. Locate on the studs at one side, rotate then clip onto the studs at the other side by flexing the diffuser slightly (See Fig 3).
7. On emergency luminaires it will be necessary to re-connect the black battery -ve wire before fitting to the wall. This is accessed by removing the rear gear cover that is secured by 2 self-tapping screws. Replace the gear cover when the wire has been connected.

**ENSURE LUMINAIRE IS DISCONNECTED FROM MAINS BEFORE REMOVING GEAR COVER.**



### Safe Operation

1. Check the rating label for voltage and frequency before connecting this luminaire to the electrical supply.
2. Ensure that the mains supply is switched off when working on this luminaire, whether installing or carrying out any other servicing.
3. To prevent damage to driver, do not mix with conventional magnetic ballasts on the same electrical circuit.
4. Where use in more onerous situations is required, e.g. In part-completed buildings before "drying-out" is completed, or areas where ambient temperatures are outside the normal temperature range, then consult our Sales Office.
5. Ensure the fixing is adequate for the luminaire weight.
6. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

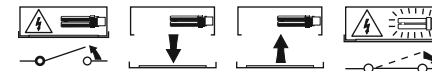
### Testing Maintained: Emergency Version

The unit should be connected to an unswitched live supply, which should be connected to the normal lighting sub-circuit in that location. The LED indication should be checked to ensure that it is illuminated, this indicates that the batteries are charging. Check that the lamp illuminates when the switched live is turned on.  
 A short discharge should be performed to check that the units are operating correctly. This is carried out by interrupting the unswitched supply at the distribution board or by isolating the appropriate unswitched supply sub-circuit. The supply should then be restored and the LED indication checked. After 24hrs carry out a full rated discharge test. The testing regime as defined in EN 50172 should then be implemented.  
 If the unit no longer meets the emergency duration the battery must be replaced with a battery of the same type.  
 When used as intended this product complies with the EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC.  
 Date of commissioning to be entered in the space provided on the battery label by either the installer or commissioning engineer.

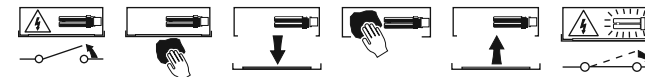
### Servicing and Disposal

1. At commissioning and handing over of installation ensure that a copy of these instructions is presented to the authority responsible for the operation and maintenance of the luminaires.
2. Servicing, e.g. cleaning, must only be carried out after the electricity supply has been switched off. It must not be assumed that unlit luminaires are switched off (always check before servicing).
3. Cleaning should be carried out at regular intervals to ensure that dirt does not accumulate to an extent that will impair the thermal safety or optical performance of the luminaire. Regular cleaning will also ensure that the optical performance of the luminaires is maintained.
4. Avoid touching the LED strip. To clean - Blow surface with either dry air or nitrogen gas.
5. At the end of life the luminaire is classed as WEEE under directive 2012/19/EU and should be disposed of in accordance with local legislation.

### Luminaire Service



### Luminaire Cleaning



### End of Life and Components Disposal



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