# OPTONICA

## USER MANUAL

## LED EMERGENCY LIGHTS

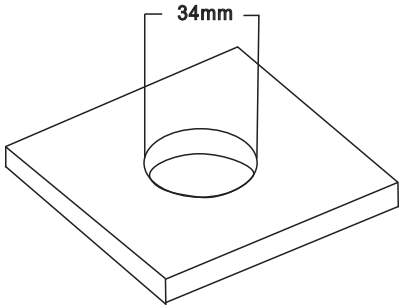
### GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.
These instructions should be used to aid installation of the following product:

### SAFETY

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the latest Building and current IEE Wiring Regulations
- Please isolate mains prior to installation/maintenance
- Check the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress of Protection) rating of this luminaire when deciding the location for installation
- Installing in areas where the temperature consistently drops below 0ºC may shorten the battery life /duration
- We recommend a minimum charge period of 24 hours before completing an initial commissioning emergency duration test
- This product is Class II double insulated
- This product is non-dimmable
- This product is IP20 rated

### INSTALLATION




- Provide power to the required point of installation.
- Prepare cut-out in the desired surface as per the cut-out details in Fig 1, ensuring that it does not infringe with electrical cables, water/gas pipes or ceiling joists.

**FIG 1**

- Connect the luminaire to the mains supply via a suitable junction box ensuring the correct polarity is observed (see Fig 2). Live (brown) and Neutral (blue)

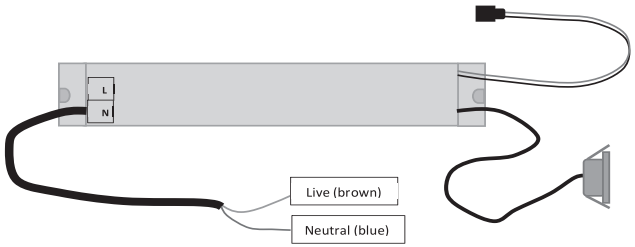



**FIG 2**

- Connect the battery to the inverter (see FIG 3)

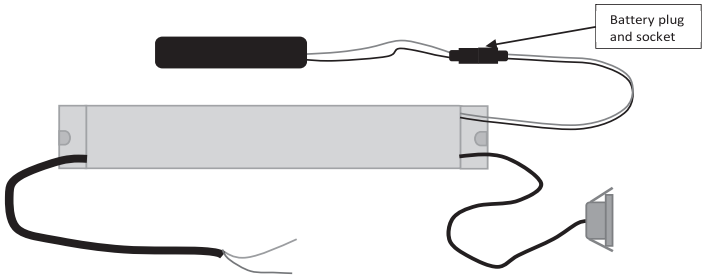



**FIG 3**

- Place the inverter and battery pack into the ceiling via the cut-out.
- Push the spring clips either side of the fitting up and locate into ceiling.
- Switch on power supply and ensure that the green LED indicator is illuminated.

### WARNING

This product must be disconnected before the circuit it is installed on is subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

### GENERAL

The LED lamps fitted in this product are non-replaceable. The product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist. If the batteries have been left in a discharged state for a long period of time we recommend that it be charged and discharged, through several cycles, which should restore the battery to its full capacity. The batteries in this product are Nickel Cadmium and must be disposed of correctly. Please contact the local authorities for the disposal of this toxic waste. Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product.

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