



Installation Leaflet

SURFACE MOUNT LED EXIT SIGN

Emergency Luminaire
Earthing Class I IP30

Mounting

1. Remove all outer covers on luminaire body by removing the retaining screws on each end of the body.
2. Fix body into position using the 5mm diameter holes into the required mounting position.
3. Follow the wiring instructions as detailed later.
4. Replace cover(s) and follow test procedure as detailed later.

Wiring Instruction

There is no restriction on the type of cable to be used but careful consideration should be applied when calculating the size of cable for larger installations. Voltage drops should comply with the latest I.E.E. wiring regulations. All luminaires should be properly earthed.

Maintained/ Non Maintained Version

These types of luminaire require a switched line for standard operation under mains operation (maintained) and a permanent line for the emergency gear. The permanent line provides a reference for the emergency gear and a source to charge the batteries when in standby mode. The luminaire is supplied with a fused terminal block. Connect the terminal marked "USL" to a permanent supply. Connect neutral and switched line (SL) to the other terminals for maintained operation of the luminaire. Check that the red supply LED illuminates when mains is applied. After an initial charge follow the test procedure as detailed later. Ensure that the battery leads are never short circuited when disconnected. Both of the above versions may be wired to a test switch if required on the unswitched line (USL), but remember when testing to remove the switched line on the maintained version first.

Dali

Connect the Dali connections into the terminals marked DA DA

Servicing and Lamp Replacement

SERVICING e.g. CLEANING, GEAR OR FUSE REPLACEMENT SHOULD ONLY BE CARRIED OUT AFTER THE LUMINAIRE HAS BEEN ELECTRICALLY ISOLATED AND ALLOWED TO COOL.

The life of the batteries will generally depend upon the ambient temperature of the installation. A life of at least five years can normally be expected. If during routine testing the specified discharge is not achieved then the batteries should be replaced.

LED Replacement - A long life of continuous operation is expected and replacement should not be necessary, if however the led strip fails contact us for replacement(s).

INITIAL TESTING: Charge the batteries for 24 hours and then turn off the unswitched live feed by operating the luminaire test switch, if fitted (push and hold) or the supply source as necessary. Check for correct operation.

ROUTINE TESTING: The unswitched live feed should be interrupted once a month for a short period of time to ensure that the emergency circuit is functioning correctly. Every six months the circuit should be operated for 1 hour and every three years for a period of 3 hours. (Recommendation of BS5266 Part 1:1988)

IMPORTANT

This product should NOT be modified. Any modification may render this product unsafe and will invalidate its safety/approval marks. Philip Payne Ltd. Will not accept responsibility for any damage caused as a result of their modification. Installation of this product should only be carried out by competent person(s). If in any doubt, consult a qualified engineer.

WARNING: Ensure mains are fully isolated before servicing; high voltages greatly in excess of mains voltages can be present during operation. Failed lamps should be replaced promptly or the circuit switched off to avoid possible damage to control gear. Continual operation at mains voltages in excess of the rated voltage will reduce lamp and expected gear life, and may contravene any relevant certificate requirements. *A copy of our safe use for luminaires guide is available to download from our website.*

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