



Installation Leaflet

LED EDGELIT' EXIT' SIGN

Emergency Luminaire
Earthing Class I IP20

Recess Mounting

286mm x 52mm (250FCLM) 415mm x 52mm (300FCLM) Cut-Out Required.

1. Remove luminaire body from recessing bezel by removing bottom two screws located on the flanges and unclip the safety chains.
2. Remove side support brackets, offer the bezel through the ceiling cutout and using the side support brackets supplied, secure in place.
3. Offer luminaire body to bezel and refit safety chains do not refit screws at this stage (allow luminaire to hang down).
4. Remove perforated side panel on body and after inserting your mains cable(s) through the cable gland on the top edge of the luminaire body, follow wiring instructions as detailed later.
5. Replace side panel (ensure that LED supply leads are hanging freely to facilitate connection). Remove legend mounting brackets on both sides of the luminaire base 2 screws one side (loosen by 10mm) and one adjacent (remove completely).
6. Remove screws holding both halves of the legend mounting bracket together.
7. Sandwich the legend (Ensuring legend is to requirement) and the LED reflector between the mounting brackets and insert screws previously removed.
8. Offer legend to the luminaire base and retain in position by the screws previously removed in step 5.
9. Fit the luminaire into the bezel (reverse of step 1) and offer the trim plate over the legend and pushfit to base of luminaire.
10. Follow initial testing procedure

Surface Mounting

1. Remove all outer covers on luminaire body by removing the retaining screws on each end of the body. For wall mounting discard the back panel.
2. Fix body into position using the two outer 5mm diameter holes on either the back panel or top face depending upon the required mounting position.
3. Follow the wiring instructions as detailed later.
4. Follow legend fixing instructions as detailed later.
5. Replace cover(s) and follow test procedure as detailed later.

Suspended Mounting

Rod Suspension (Separate kit)

1. Fix the zintec pendant mounting plate to its required position on the ceiling using the two 5mm diameter holes.
2. Cut the rod to the required length (Ensure to include the threaded end for mounting purposes).
3. Using the tool provided (flat plate with raised centre piercing), lay the tool (lip upwards) on a hard flat surface.
4. Place the starlock washer onto the tool (washer lip downwards).
5. Insert the mounting rod (non threaded end) into the centre of the washer/tool and gently tap the top of the rod with a hammer to secure washer in place.
6. Remove the two saddle brackets on the pendant mounting plate on the ceiling and slide over the rods so that the washer sits in the recess of the bracket. Re-fit brackets.
7. Push mains cable through one of the rods and after removing the hexagonal fixing nuts at base of rods, push fit the pendant mounting plate cover.
8. Remove body covers secured at each end and after removing 14mm knockouts offer body to the suspension rods and secure using the hexagonal nuts.
9. Follow wiring and legend instructions as detailed later.
10. Refit covers and follow the test procedure as detailed later.

Chain Suspension (Separate kit)

1. Fix the zintec pendant mounting plate to its required position on the ceiling using the outer two 5mm diameter holes.
2. Run your mains cable through one of the saddle brackets and through the aligning hole on the cover plate. Push fit the cover in place.
3. Thread the mains cable through one of the suspension hooks and fix both hooks in position.
4. Cut chain to required length and on one side thread the mains cable through the chain links.
5. Remove covers on luminaire body and after removing 14mm knockouts fix remaining hooks in position using hexagonal nuts supplied with kit. Remember to thread your mains cable through one hook.
6. Follow wiring and legend fixing instructions as detailed later.
7. Re-fit covers and follow test procedure.

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 green 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.

Legend Assembly

The LED strip is strategically positioned on its reflector for optimum operation. Using the screws provided, ensure that when fixing the legend panel into the fitting that the LED strip is directly above the edge of the acrylic.

Servicing and Lamp Replacement

SERVICING e.g. CLEANING, GEAR OR FUSE REPLACEMENT SHOULD ONLY BE CARRIED OUT AFTER THE LUMINARE 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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ISO 9001
FM55077



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