



Read these instructions before commencing installation. Please give these instructions to the owner/occupier after installation to retain for future reference/maintenance.

IP65 240V~50Hz 3.5W LED

This Emergency pack is Class II and does not require an Earth

Important Information

It is recommended that this Emergency luminaire is installed and fitted by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control. These products are designed for connection to a 240V~50Hz supply.

Any faulty, broken or damaged modules should be replaced immediately.

KSR will not accept responsibility for any claims arising from a poor installation.

Please Note: The limited warranty shall be deemed null and void in the following circumstances: Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature (normal operating ambient temperature 0 - 35°C), humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the products or parts.

Important User Advice

Always switch off mains supply before installing/servicing.

As the buyer/installer and/or user of this product it is your own responsibility to ensure that this emergency pack is fit for the purpose for which you have intended and operates to the relevant standards. KSR Lighting can't accept any liability for loss, damage or premature failure resulting from inappropriate use.

Please note: This luminaire is non-dimmable.

Do not use Megger or similar high voltage instruments. Due to the fact this Emergency pack contains electronic components that maybe damaged by high test voltages, they must be disconnected from the circuit before testing.

To prevent damage to the Emergency pack, do not mix with conventional magnetic ballasts on the same electrical circuit.

At the end of life the Emergency luminaire is classed as WEEE under directive 2014/30/EU and should be disposed of in accordance with local legislation

Installation Procedure

Familiarize yourself with the installation procedure and ensure the power is safely isolated before installing the Emergency luminaire. Remove the front cover by removing the two screws located on the front and push the two tabs located on the lower corners outwards to access the electrical connections and base.

Secure the base to a suitable surface, drill out the entry point using a suitable cutter ensuring that a suitable IP rated seal is fitted for the cable/application.

Terminate as required below (Fig.1):

Non-Maintained Emergency

Connect the mains input Unswitched Live (PL), Neutral (N).

Maintained Emergency

Connect the mains input Unswitched Live (PL), Neutral (N) and Switch Live (SL).

Connect the battery to the PCB using the plug and play connector.

Write on the battery label in permanent ink the date of commissioning.

Close the gear tray up ensuring no wires are trapped or snagged.

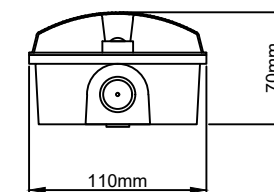
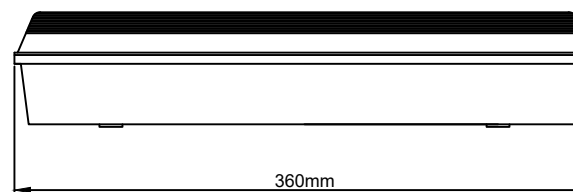
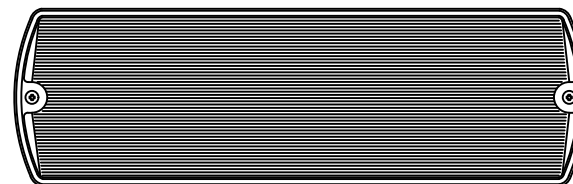
Replace the diffuser, be careful not to overtighten the screws.

Select the correct legend and apply to the diffuser.

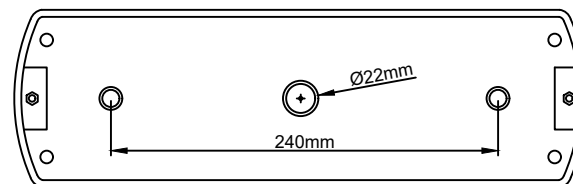
Turn on the power and ensure that the module is showing charge indicator.

This fitting requires a minimum 24 Hour initial charge period prior to any manual emergency testing, please see overleaf for testing routine, All results must be recorded and left with the end user.

The battery has a rated duration of at least 4 years but should be replaced if the duration of operation is less than 3 hours after a 24hr charge time with no interrupted supply.

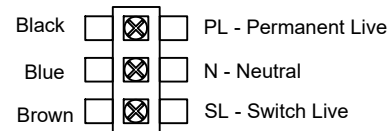


Fixing Detail



Max Viewing distance for this luminaire is 20M when internally mounted.

Fig 1.



Lamp Details

Wattage: 3.5W
 Lamp Cap: LED
 Lamp Colour: 6000K
 Lumen Output:
 230 lumens (Mains)
 148 lumens (Battery)
 Ambient Temperature: 0~+35°C



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All tests must be undertaken at times of least risk and in accordance with EN 50172:2004 as indicated below:

Daily:

LED charge indicators shall be visually inspected for correct operation.

Monthly:

(in addition to the daily check) If automatic testing devices are used, the results of the short duration tests shall be recorded.

Test shall be carried out as follows:

1. Switch the luminaire over to emergency mode to operate from the batteries by simulating a failure of supply to the emergency circuit for a period sufficient to ensure correct luminaire operation.

Note: The period of simulation failure should be sufficient for the purpose of this clause whilst minimising damage to the system components e.g lamps. During this period, all luminaires shall be checked to ensure that they are present, clean and functioning correctly. At the end of this test period, the unswitched supply should be restored and any indicator lamp or device should be checked to ensure that it is showing that the supply has been restored.

Annually:

If automatic testing devices are used, the results of the short duration tests shall be recorded. For all other systems the monthly inspection shall be carried out and the following additional tests made:

1. Each luminaire shall be tested monthly as above but for its full duration in accordance with the manufacturer's information.
2. The unswitched supply for the luminaire should be restored and any charge indicator lamp or device should be checked to ensure that it shows the unswitched supply has been restored. The charging arrangements should be checked for proper functioning.
3. The date of the test and its results shall be recorded in the system logbook.

A copy of this report must accompany any emergency luminaire returned to KSR Lighting for any reason.



