

Blade Emergency Exit Sign INSTALLATION INSTRUCTIONS



**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION AND LEAVE
A COPY WITH THE END USER FOR FUTURE REFERENCE.**

SAFETY INFORMATION – We recommend that luminaires be installed by a fully qualified and competent electrician who understands building regulations and the current IEE wiring regulations. The light source contained in this luminaire shall only be replaced by the manufacturer or a qualified professional.

Before commencing any installation or maintenance work, ensure that the electricity is switched off at the mains.



IMPORTANT USER INFORMATION

Please install and use strictly in accordance with these instructions. Make sure that you have all the tools and equipment to complete the installation safely and correctly. Improper installation could cause harm to your property and/or person and void your warranty. It is the installer's responsibility to consider fire & safety risk and take appropriate precautions.

PRE INSTALLATION INSTRUCTIONS & GUIDELINES

- Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off the Mains Circuit Board.
- Do not disassemble or amend the structure of the luminaire and also do not introduce any parts other than the ones provided to the inside of this fitting, as this can be dangerous and it would void your warranty.
- The luminaire must be installed on a surface which should be firm enough to hold the weight of more than five times of the fitting itself.
- The luminaire must not be installed above hot objects such as ovens to avoid damage to the fitting.
- LED Chips can be susceptible to damage by gases, vapours, etc emitted by other materials, especially rubber, causing a severe reduction in light output.
- Ensure there is adequate space for ventilation around the fitting.
- Ensure that all electrical connections are tight with no loose strands.
- This product is designed for permanent connection to fixed wiring and must be fixed to a suitable circuit (protected with the appropriate Mains Circuit Board or fuse).
- This product is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).
- Before making the fixing hole(s), check that there are no obstructions hidden beneath the mounting surface, such as pipes or cables.

SPECIFICATION

1. Operating environmental temperature: 0-40°C
2. Operating relative humidity: less than 90%
3. Rated voltage: 220-240V 50/60Hz
4. Rated power: 2W
5. Conversion time: 1 second
6. Emergency Duration: more than 180 minutes
7. Battery installed or replaced: 3.6V 800mAh Ni-Cd
8. Fuse installed or replaced: 1A 250V
9. Recharge time: 24 hours

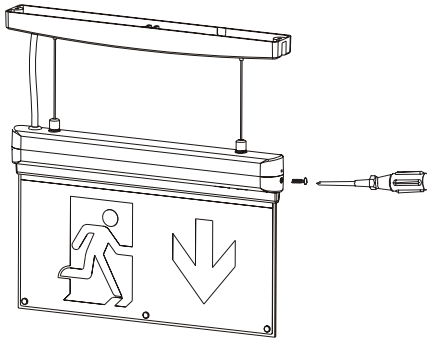
Blade Emergency Exit Sign

INSTALLATION & WIRING STEPS

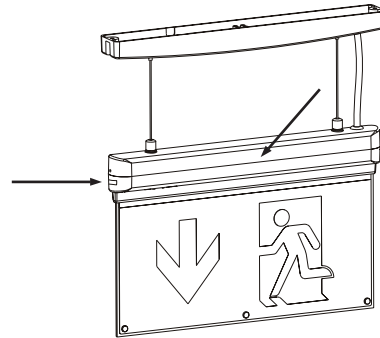
Before following these steps please ensure you have read and adhered to the guidelines and information overleaf. Remove the product from the box and inspect it for any damage. If the luminaire is in a good condition, proceed with the installation.

CONNECTING THE EMERGENCY BATTERY

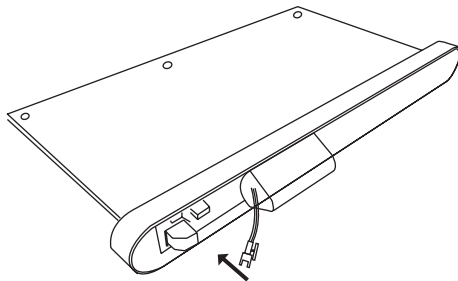
STEP 1 Remove the screw on the side of the base



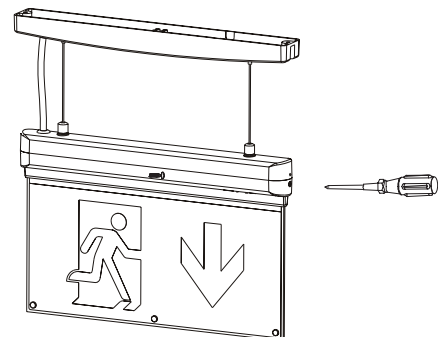
STEP 2 Remove the base by squeezing the middle and unclicking the side of the base



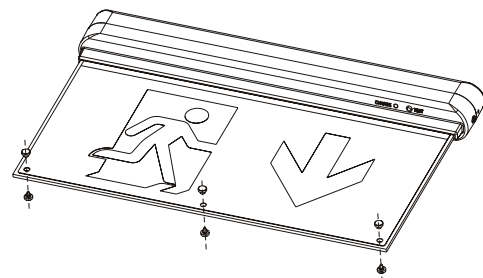
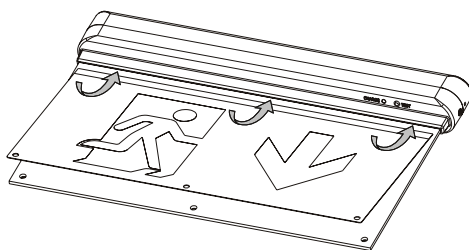
STEP 3 Connect the cable which is attached to the battery into the plug on the base of the fitting.

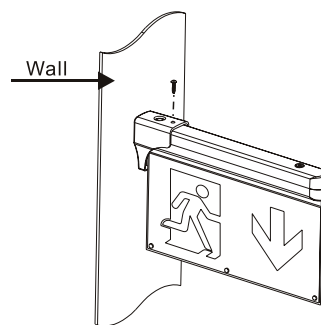
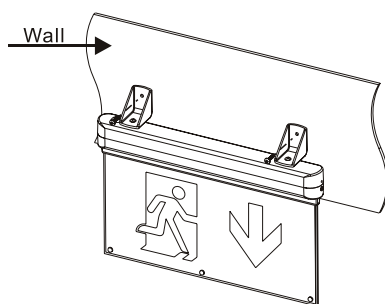
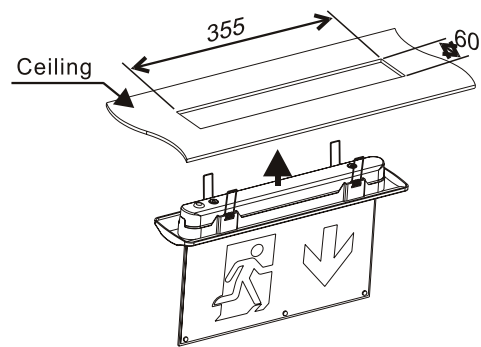
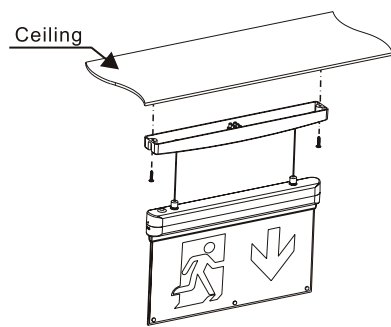


STEP 4 Reattach the base and secure with the screw removed in step one.



INSERTING THE LEGEND





WIRING

PREFACE:

We develop and use the long-life LEDs and the extraordinary circuit in this design. It's high efficient and energy saving with small power consumption. Also, this design is environment-friendly. The circuit is controlled by IC with small components that includes multi-function, such as battery discharge protection, LED indicator etc. To ensures the effective performance of the fitting.

INSTALLATION:

1. Connect mains supply wiring as follows:
The brown cable usually connects live line;
The black cable connects switch live line;
The blue cable connects neutral line;
The yellow green cable connects earth line.
2. Power line & battery wires should be connected strictly, and all screws fixed.
3. Switch on 220-240VAC supply and check if the green LED indicator illuminates to confirm charging of batteries.
4. Allow a short period for part charging of the batteries and then isolate the mains supply to the fitting in order to check the correct operation of the fitting in emergency mode. In the first use, after a continuous charge for 24 hours, a mains failure should be simulated to ensure that the fitting work for its specified time (only at a safe & appropriate time). The fitting will be fully charged with in 24 hours continuous charging.

REGARD TO SAFETY TO THE INSTRUCTIONS:

1. Minimum distances around the apparatus should be ensured for sufficient ventilation.
2. The ventilation should not be impeded by being covered with newspapers, table-cloths, curtains, etc.
3. Pay attention to the environment by disposal of batteries.
4. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replace by a qualified person in order to avoid a hazard.
5. Batteries are the Ni-Cd type and have a normal service life of approximately 4 years. Batteries should in any case, be replaced only with the type specified, and exclusively replaced by a qualified person.
6. Before commencing installation (and before maintenance at any time), ensure that the main supply and the battery pack are disconnected.

SELF TEST SWITCH

The purpose of the switch: When the test switch is pressed, the product will go into emergency mode.

In AC input:

Press for 1 second :Timing Begins.

Press for 3 seconds :LEDs come on, auto test for 5 minutes

INDICATOR WORKING PERFORMANCE:

Normal fitting: green indicator working.

Battery failures: red indicator flashing.(Flash once every 3 seconds)

Lighting source failure: red indicator flashing.(Flash twice every 3 seconds)

Less than the rated duration time: red indicator fast flashing. (Flash three times every 3 seconds)

SELF-TEST PROGRAM

This product has a built-in automatic test circuit that will test the fitting every 30 days for 10 minutes and every 12 months for 3 hours.

When the self-test begins, the light source will turn on. Also, it cuts the battery charging, whilst it cuts the green indicator.

When the light source works normally, the green Indicator light will be on after the self-test is finished; when the light source is not working properly, the Indicator light will turn red and flash twice every three seconds till the problem is solved.

Low battery voltage: Flash three times, then off for 3 seconds, then flash three times, then off for 3 seconds It will repeat this process until the batteries have been replaced

All other failures: Flash once then off for 3 seconds the flash once the off for 3 seconds. This will be repeated until the fault has been rectified.

MONTH	TEST	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
		SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE
JANUARY	FUNCTION										
FEBRUARY	FUNCTION										
MARCH	FUNCTION										
APRIL	FUNCTION										
MAY	FUNCTION										
JUNE	FUNCTION										
JULY	FUNCTION										
AUGUST	FUNCTION										
SEPTEMBER	FUNCTION										
OCTOBER	FUNCTION										
NOVEMBER	FUNCTION										
DECEMBER	FUNCTION										



ENVIRONMENTAL PROTECTION

Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this marking must not be disposed of with other household or commercial waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Centre or retailer for recycling advice.

WARRANTY

This product is in warranty in the UK for a period of 5 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the IEE Wiring Regulations. Should this product fail during the warranty period, it will be replaced free of charge, subject to the aforementioned conditions and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected.