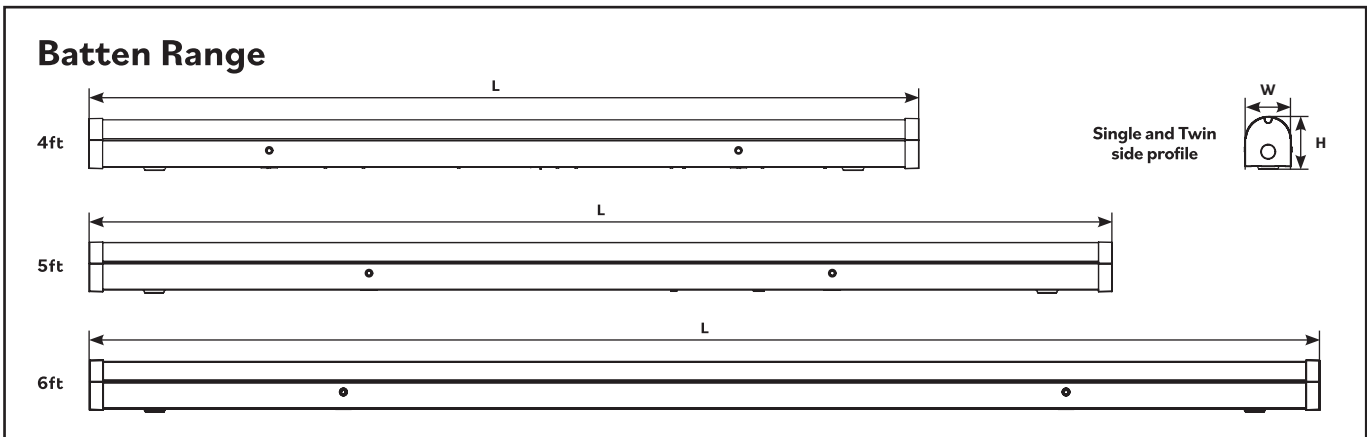


LED Batten Installation Instructions

Please read these instructions carefully before installation
Leave a copy for the user/maintenance engineer for future reference

Important Safety Information

- Before commencing any installation or maintenance work, ensure that the electricity supply is disconnected / isolated.
- It is recommended that this fitting is installed, inspected and maintained by a qualified Electrician.
- Installation should be carried out in accordance with the latest edition of the IET Wiring Regulations (BS 7671) and the latest local Building Regulations. If in doubt, consult a qualified electrician.
- This product is designed for connection to a 220-240V ~ 50/60Hz mains supply.
- Ensure that all electrical connections are tight with no loose strands including factory made connections.
- Note the IP rating of this luminaire when deciding the location for installation.
- This luminaire is suitable for indoor use only.
- The LED Driver is non-dimmable.
- This is a class I construction luminaire which must be earthed.
- Suitable for use in ambient room temperatures of -10°C to +40°C. (Standard Luminaire) 0°C to +40°C (Emergency Luminaire).
- Do not carry out insulation resistance tests with the luminaire connected to the circuit.
- MCBs may require to be uprated to allow for increased inrush current.
- This product contains a light source of energy efficiency class E.
- The Light Source and Control Gear contained in this luminaire shall only be replaced by the manufacturer or his service agent or similar qualified professional person.



Technical Specifications

Part No.	Description	Wattage	Measurement L x W x H	Lumen Output	IP Rating	Class Rating	Weight	*Operating Temperature	Power Factor	CRI Ra	Colour Temperature
Standard											
LXBAT14LED	4ft Single	23W	1220 x 70 x 77mm	2760 Lm	IP20	Class I	1.37Kg	-10°C ~ +40°C	> 0.90	> 80	4000K
LXBAT24LED	4ft Twin	40W	1220 x 70 x 77mm	4800 Lm	IP20	Class I	1.40Kg	-10°C ~ +40°C	> 0.90	> 80	4000K
LXBAT15LED	5ft Single	37W	1525 x 70 x 77mm	4440 Lm	IP20	Class I	1.72Kg	-10°C ~ +40°C	> 0.90	> 80	4000K
LXBAT25LED	5ft Twin	60W	1525 x 70 x 77mm	7200 Lm	IP20	Class I	1.88Kg	-10°C ~ +40°C	> 0.90	> 80	4000K
LXBAT16LED	6ft Single	54W	1830 x 70 x 77mm	6480 Lm	IP20	Class I	2.20Kg	-10°C ~ +40°C	> 0.90	> 80	4000K
LXBAT26LED	6ft Twin	82W	1830 x 70 x 77mm	9840 Lm	IP20	Class I	2.30Kg	-10°C ~ +40°C	> 0.90	> 80	4000K
Emergency											
LXBAT14LED/EM3	4ft Single EM3	23W	1220 x 70 x 77mm	2760 Lm	IP20	Class I	1.64Kg	0°C ~ +40°C	> 0.90	> 80	4000K
LXBAT24LED/EM3	4ft Twin EM3	40W	1220 x 70 x 77mm	4800 Lm	IP20	Class I	1.67Kg	0°C ~ +40°C	> 0.90	> 80	4000K
LXBAT15LED/EM3	5ft Single EM3	37W	1525 x 70 x 77mm	4440 Lm	IP20	Class I	2.00Kg	0°C ~ +40°C	> 0.90	> 80	4000K
LXBAT25LED/EM3	5ft Twin EM3	60W	1525 x 70 x 77mm	7200 Lm	IP20	Class I	2.15Kg	0°C ~ +40°C	> 0.90	> 80	4000K
LXBAT16LED/EM3	6ft Single EM3	54W	1830 x 70 x 77mm	6480 Lm	IP20	Class I	2.46Kg	0°C ~ +40°C	> 0.90	> 80	4000K
LXBAT26LED/EM3	6ft Twin EM3	82W	1830 x 70 x 77mm	9840 Lm	IP20	Class I	2.57Kg	0°C ~ +40°C	> 0.90	> 80	4000K

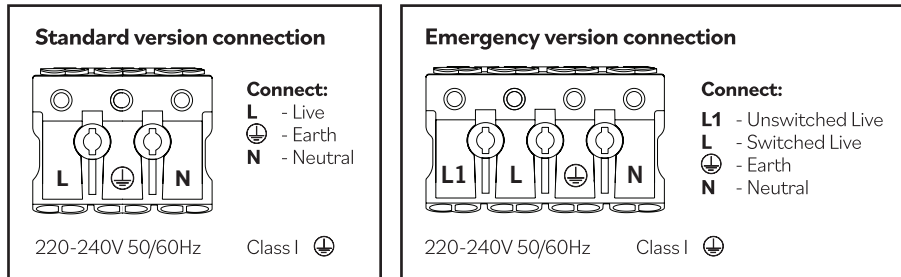
Important Installation Information

Select a suitable mounting position and use the correct fixings for the type of surface. Ensure that the site of the installation can support the weight of the luminaire and that there is adequate free air ventilation around the luminaire at all times.

Do not install this product onto damp or newly plastered walls or ceilings. The installation must not infringe on gas/water pipes or any other electrical cables or mechanical services which may be hidden behind the mounting surface

Isolate the mains power supply before commencing installation.

1. Remove the diffuser/SMD board from the base of the luminaire. Press the release tabs on the sides of the metal body, this will detach the diffuser. Retaining straps prevent the diffuser from falling during installation and servicing.
2. Hold the luminaire base up to the mounting surface and fix it in the desired position. Multiple cable entry points are provided on the rear and ends of the base housing. The luminaire is suitable for direct surface mount, end cap conduit fixing or BESA box mounting.
3. Feed the mains supply cable through the selected entry point and terminate the wires into the terminal block ensuring that the correct polarity is observed. All conductors must be fully sleeved and insulated. This is a Class I product which must be earthed.



4. Move any loose cables and retaining straps away from the edges of the luminaire base so that they cannot be trapped. Realign the diffuser to the base and press back into place. Ensure that the side release tabs are locked fully back into their original position and that the diffuser is inside the two end caps.
5. Restore the mains power supply, switch on and test for satisfactory operation.

Emergency Luminaire Connection and Testing

1. The Emergency luminaire requires an unswitched live supply L1 in addition to the switched live supply L.
2. Ensure that the battery cells supply cable is connected to the Emergency module before mains power is restored.
3. Once installed, the batteries must be charged for a minimum of 24 hours before carrying out a full discharge and commissioning test to check that they are charging correctly and that the maintained 3-hour discharge duration is being achieved. The date should be noted on the battery.
4. The Green LED Indicates that the batteries are charging.
5. Emergency luminaires should be routinely inspected and tested in accordance with current **BS 5266** guidelines. Refer to **BS 5266 & BS EN 50172** for full Emergency Lighting requirements and testing procedures
6. A log report must be completed and kept for the periodic test procedure. A copy of the Emergency test record sheet is included with this product. Further copies can be requested at sales@luxna.co.uk
7. A completed copy of the Emergency test record sheet must accompany any product returned to the manufacturer.

Batteries

The battery cells inside an emergency product are a consumable replaceable item. The batteries have a normal operating designed service life of 4 years and must be replaced in a timely manner to ensure that the integrity of the emergency lighting system is maintained. The battery cells actual service life can be shortened by several variable factors including (but not limited to): Type of installation environment, Room temperature, Number of charge/discharge cycles, power supply interruptions etc. The product should be tested and maintained regularly according to the details within the instruction manual. Should the battery cells fail to provide the minimum rated discharge duration of 3 hours at any time during the products service life, they must be replaced.

Emergency luminaires must not be installed in areas where the ambient area temperature is above or below the recommended operating temperature range 0°C to +40°C

Warranty: This product is protected by guarantee in the UK and EU for a period of 5 years warranty from the date of purchase against any defects in materials or workmanship. Should this product fail during the warranty period it will be repaired or replaced with the same or equivalent product free of charge, subject to providing the original receipt/invoice or proof of the original date of purchase and return of the faulty unit. If in our sole discretion, we are unable to repair or replace a defective product, we will refund the purchase price of the product. The warranty is invalid if in our judgment the product fails due to incorrect installation not conforming to our product instructions or installation within an improper working environment. The warranty will not apply if the product fails due to damage in storage, shipment, accident or misuse. Modification to the product in any way or removal of the batch number will void the warranty. Luxna Lighting does not accept responsibility for any installation, labour or travel costs which may be associated with the replacement or return of any faulty products. Our maximum liability under the terms of this warranty is limited to the purchase price of the product. Your statutory rights are not affected. Luxna Lighting reserves the right to alter product specifications without prior notification. Terms and conditions are also subject to change without prior notice.