

PRO LED Surface Linear

Installation Instructions

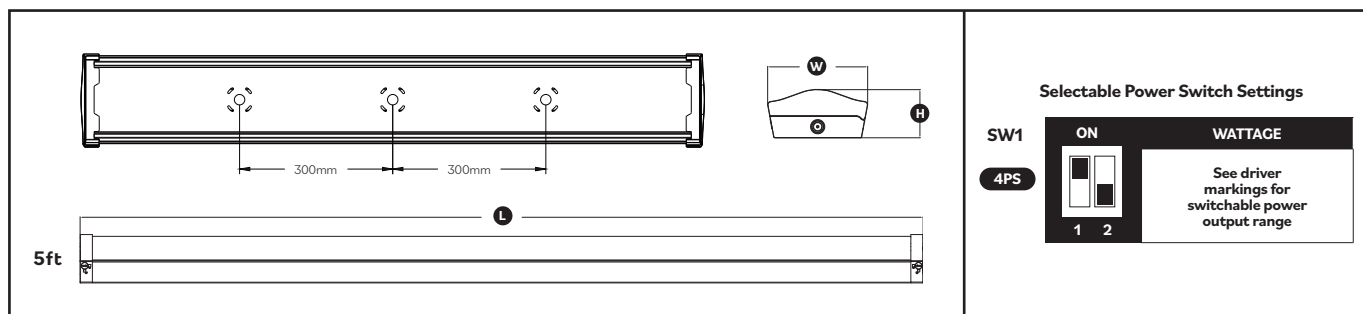


Please read these instructions carefully before installation
Leave a copy for the user/maintenance engineer for future reference



Important Safety Information

- Before commencing any installation or maintenance work, ensure that the electrical mains supply is isolated and circuit fuses are removed or switched off.
- 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 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.
- This luminaire is suitable for indoor use only.
- Please note the IP rating of this luminaire when deciding the location for installation.
- The LED Driver is non-dimmable.
- This luminaire is suitable for use in ambient area temperatures of -20°C to +40°C (Standard Luminaire) 0°C to +40°C (Emergency Luminaire).
- MCBs may require to be updated to allow for increased inrush current.
- This product contains sensitive electronic components which can be damaged by power surges or transient overvoltage. The 18th Edition Wiring Regulations stipulate that surge protection devices (SPDs) must be provided within the consumer unit where deemed necessary.
- Do not carry out insulation resistance tests with the luminaire connected to the circuit.
- The LED 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.
- This product contains a light source of energy efficiency class C.



Technical Specifications

Part No.	Description	Switchable Power Output	Measurement (L x W x Hmm)	Lumen Output (lm)	IP Rating	CRI Ra	Class Rating	Colour Temperature
LXSL5/15-30/4K/P	5ft Surface Linear	15/20/24/30W	1515 x 180 x 87	2025/2700/3240/4050Lm	IP40	>80	Class I	4000K

PLUG-IN Modular Accessories								Operating Temperature
LXLN/MWS	Microwave Sensor Module with corridor function							-10°C to +40°C
LXLN/EMM	Emergency Module and Battery, 3 hour duration, Manual-Test							0°C to +40°C
LXLN/EMM/ST	Emergency Module and Battery, 3 hour duration, Manual-Test / Self-Test switchable function							0°C to +40°C

Important Installation Information

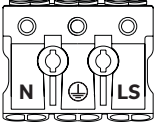
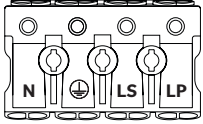
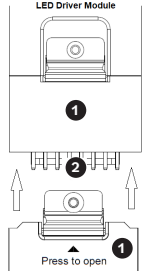
Select a suitable mounting position and use the correct fixings for the type of surface. Ensure that the site of the installation can support the weight of the luminaire and that there is adequate free air ventilation around the luminaire at all times.

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.

Both end caps have locking tabs which can be opened and closed. Use a small flat headed screwdriver to rotate them 90°

1. With the end caps in the unlocked position, separate the diffuser/SMD board from the base of the luminaire by gently squeezing the opening edge of the diffuser inwards to release it from the metal rail. The hinged mechanism will 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 each end of the base housing. The luminaire is suitable for direct surface mount, end conduit fixing or BESA box mounting.
3. Feed the mains supply cable through the selected entry point and fit any necessary cable glands.
4. 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.

Standard version connection	Emergency version connection	Standard (Non-Emergency mode) -
 Connect: N - Neutral Earth - Earth LS - Switched Live 220-240V 50/60Hz Class I	 Connect: N - Neutral Earth - Earth LS - Switched Live LP - Unswitched Live 220-240V 50/60Hz Class I When using this product with an Emergency pack, ensure that the luminaire has a permanent unswitched Live supply LP	The LED Driver Module cover cap ① must be securely fixed into the driver connection socket block ② for correct and safe operation. 
		Emergency Module Connection - Remove the LED Driver Module cover cap ① and Plug-In the emergency module to the driver socket block ② for correct and safe operation. 

5. Select the required power output setting by positioning the dip switches as indicated on page 1 SW1. The dip switches are located on the LED Driver Module.
6. 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 both end caps are locked back into position and that the diffuser fits securely inside the metal base rail.
7. Restore the mains power supply, switch on and test for satisfactory operation.

 PLUG-IN MODULAR		
Plug-In Modular Accessories are available for this product. Scan the QR Codes below to view the full product details and installation instructions.		
LXLN/MWS Microwave Sensor	LXLN/EMM Emergency Module & Battery	LXLN /EMM/ST Emergency Module & Battery Self-Test Switchable
		

Emergency Luminaire Connection and Testing

1. The Emergency luminaire requires an unswitched live supply LP in addition to the switched live supply LS.
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 initial commissioning and periodic test procedure. A copy of the Emergency test record sheet can be downloaded by scanning the product QR Code above. 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 inside an emergency product is a consumable replaceable item. The battery has 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 batteries 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 fail to provide the minimum rated discharge duration of 3 hours at any time during the products service life, it 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

See Website for further warranty terms and conditions and details regarding the product warranty registration procedure.

Warranty: The 5 year standard product warranty against any defects in materials or workmanship commences from the original date of purchase. 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.