

PRO LED Lowbay Installation Instructions



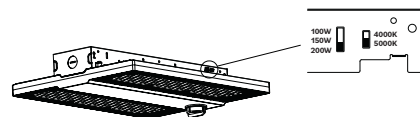
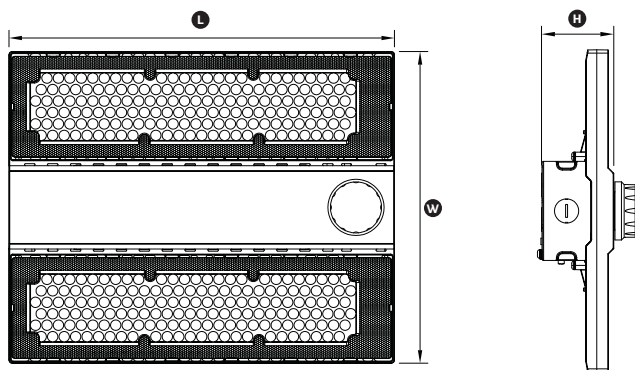
Please read these instructions carefully before installation
Leave a copy for the user/maintenance engineer for future reference



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. It is the installer's responsibility to ensure that the cable entry points and any grommets are correctly fitted and fully sealed to maintain the IP rating.
- This luminaire has a 0-10V dimmable driver as standard.
- This luminaire is suitable for use in ambient area temperatures of -40°C to +50°C.
- This is a class I construction luminaire.
- Do not cover the rear of this product. The heatsink is specifically designed so that air can circulate around the cooling fins to maintain its thermal management properties. Regular cleaning and maintenance cycles are recommended to remove any materials which may settle on the product and restrict the airflow.
- MCBs may require uprating 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 Control Gear contained in this luminaire shall only be replaced by the manufacturer or his service agent or similar qualified professional person.
- The LED light source fitted in this product is non-replaceable.
- This product contains a light source of energy efficiency class D.

Lowbay range



Selectable Power Switch Settings

SW1 3PS	Wattage
	100W
	150W
	200W

Selectable Colour Temperature Settings

SW2 CCT2	Colour CCT
	4000K
	5000K

Technical Specifications

Part No.	Description	Switchable Power Output	Measurement (L x W x Hmm)	Lumen Output (lm)	Beam Angle	Dimmable Function	IP Rating	CRI Ra	Weight	Switchable Colour Temperature
LXLB/100-200/P	LED Lowbay	100/150/200W	370 x 299 x 68	15000/22500/30000Lm	110°	0-10V	IP20	>80	2.63kg	4000K/5000K

Accessories		
LXHB/MWS*	Microwave Sensor	Motion and Daylight sensor, IP65, 0-10V Dim, Max. 15M mounting height, remote programmable, Zhaga
LXHB/SRC	Sensor Remote Control	Highbay/Lowbay sensor remote control programmer for use with the Luxna Pro Lowbay, Zhaga
LXLB/SMBK/P	Surface Mount Bracket	Surface mount bracket kit, for use with the Luxna Pro Lowbay

*Note - LXHB/SRC is required to programme and set-up the Sensor LXHB/MWS

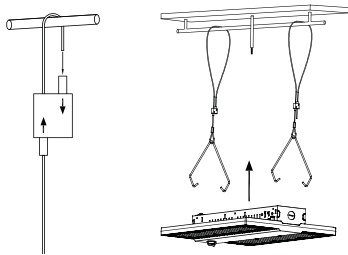
Important Installation Information

Lowbay Installation and Wiring Connections

1. Disconnect/Isolate the mains power supply before commencing installation.
2. Select a suitable mounting position for the luminaire. Always check that the site of the installation can support the weight of the luminaire and that suitable fixings / suspension materials are used.
3. Do not cover the luminaire and make sure that adequate clearance is allowed at the rear of the fitting for sufficient air circulation.

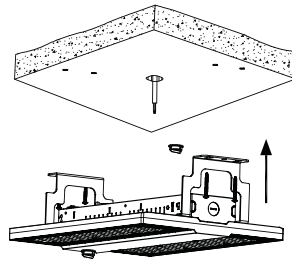
4a. Wire suspension cable mounting (Supplied)

Use the accessory kit supplied with the luminaire. locate the hanging position and adjust the cables to the required length using the bi-directional ratchet clamps (max. length 1.5mtr). Attach the V hooks to each cable using the carabiner clips and insert the metal ends into the holes located at each side of the driver housing.



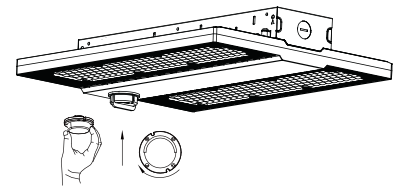
4b. Direct surface or trunking mounting (Optional)

Use the surface mount bracket accessory kit LXLB/SMBK/P. Mount the surface brackets to the rear of the luminaire gear tray plate using the screws provided. Ensure that the brackets are securely fixed to the surface using the mounting points.



4c. Microwave sensor installation (Optional)

Ensure that the power is switched off before installation. Remove the blank cap from the sensor socket located on the front of the luminaire. Insert the sensor into the socket and rotate it to secure into position. Refer to the separate instruction document supplied with the sensor product for further details



5. Connect the luminaire cable to the mains supply using a suitable junction box or connector to maintain the IP rating for the location. Supplied with 1 metre cable pre-wired to the internal terminal block.

Alternatively, remove the pre-wired cable and wire external mains supply cables directly into the internal terminal block (remove the screw on the cover plate to access the terminals).

6. Make the electrical connections as follows, ensure that the correct polarity is observed:

Live (L) Brown
Neutral (N) Blue
Earth (⊕) Green/Yellow

The terminal block will allow 'Loop in / Loop out' connection when required.
This is a Class I product which must be earthed. Keep all cables away from the luminaire housing.

7. Select the required LED power output (SW1) and colour temperature (SW2) settings. Selector switches are located on the side of the main driver housing.
8. Switch on the mains power supply and test the installation for satisfactory operation.

0-10V Dimming Wiring Connection (Optional)

The LED Driver is suitable for connection to 0-10V dimming systems. If dimming control is required, wire the external dimming cables into the terminal block and terminate as follows, ensuring that the correct polarity is observed:

Dim + Connect the positive + cable of the 0-10V dimming system to this terminal

Dim - Connect the negative - cable of the 0-10V dimming system to this terminal

Cap off the dimming control wires if they are not used.

Accessories are available for this product. Scan the QR codes below to view the full product details.

LXHB/MWS
Microwave Sensor (AUX)



LXHB/SRC
Sensor Remote Control Programmer



LXLB/SMBK/P
Surface Mount Bracket kit



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.