

Cumulus Modular Linear LED Low Bay and Architecture Flood Light

Please read these instructions thoroughly before use and retain for future reference.

The Kosnic Cumulus Modular Linear LED Low Bay luminaire is designed for suspension or surface mounting. The brackets for surface mounting and the junction box with sensor are provided separately.

Safety Information

- Installation must be carried out in accordance with national building and wiring regulations.
- If you are in any doubt about installing this product, please consult a qualified electrician.
- Before commencing installation and maintenance, turn off and isolate the circuit(s) to be worked on by removing the fuse or switching the circuit breaker off at the distribution board.
- When cutting holes, drilling or screwing beware of joists and take care not to damage existing wiring or pipework.
- The luminaire is suitable for connection to a 100-240Vac 50/60Hz supply.
- The luminaire is a **Class I** product requiring an Earth and is **IP65** rated.
- Ensure at least 50mm of ventilation space around the luminaire.
- Isolate this product before performing electrical tests to prevent false negative results.

Products Covered:


KLBC80L1-W50
KLBC36L1-W50
KLBC80L1-P50
KLBC36L1-P50
KPT-KLBCLC-EME

Installation

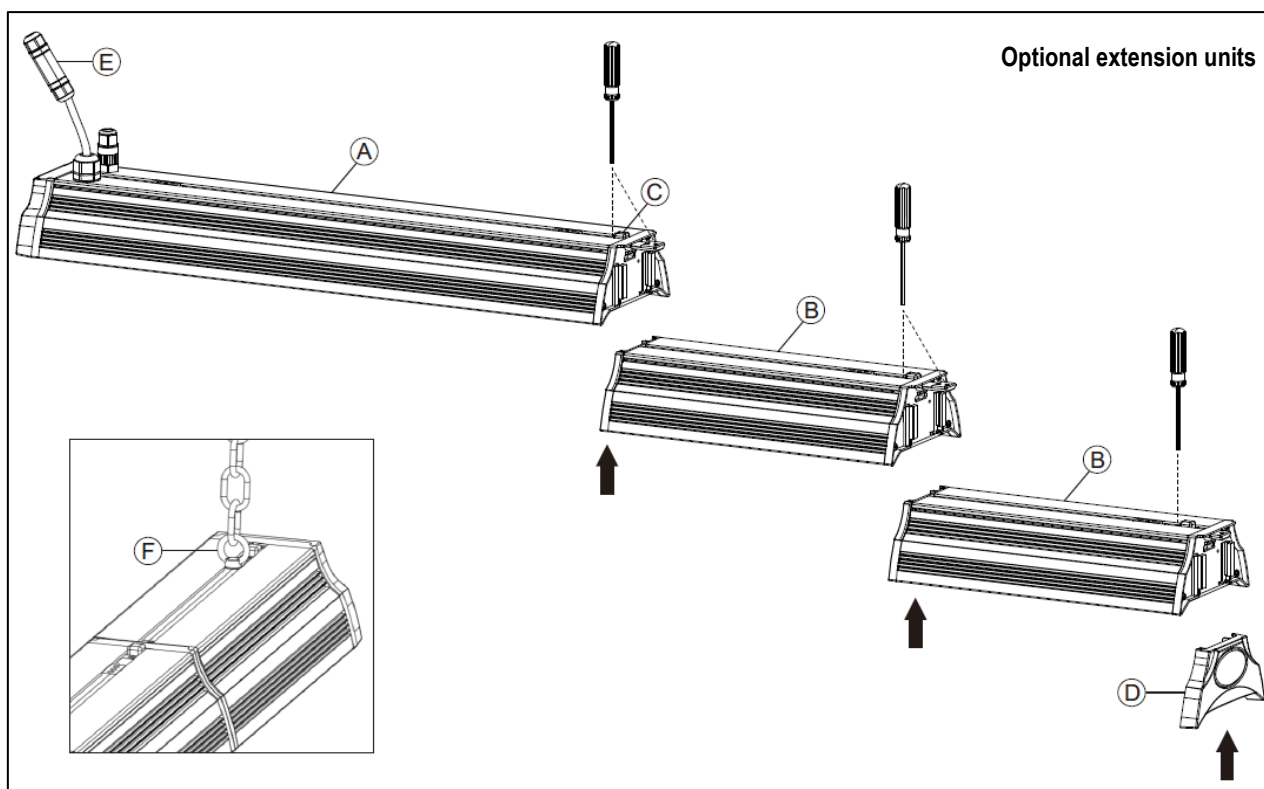
- The main unit (A) can only be attached to one or two extension units (B) or to the optional emergency module (shown below).
- **Note: if using optional emergency module, please remove end cap, connect battery, write commissioning date on battery, then re-fit end cap prior to proceeding.**
- The battery leaves the factory in a charged state but may take up to 24 hours to fully charge for a 3-hour test. Charge for 5 minutes before performing a functional test to ensure there is some charge in the battery.
- Loosen the grub screw at the clip (C) and pull the clip to remove the end cap (D) from the main unit.
- Slide each extension / emergency module onto the end of the main unit (or extension unit), push the clip to cross the frame of the units and tighten the two grub screws to secure.
- Fit the end cap (D) to the end of the last extension unit or emergency module, push the clip to cross the frame of the unit and tighten the grub screw to secure. **The luminaire will not work without the end cap fitted.**
- Follow the mounting instructions below before continuing.
- Undo the gland on the connector (E) and fit the supply cable to the terminals in the connector as follows:

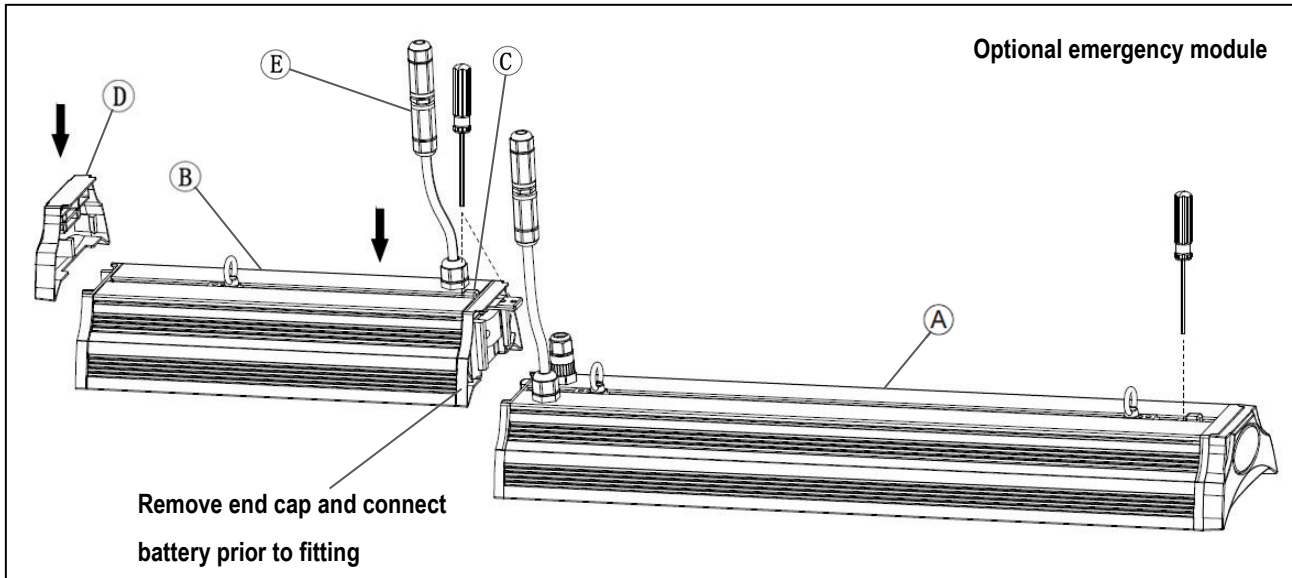
Supply Live (Brown) = Live (L)

Supply Neutral (Blue) = Neutral (N)

Supply Earth (Green/Yellow) = Earth ()

- **Note: The optional emergency module must be connected to a non-switched supply.**
- Ensure that all electrical connections are tight with no loose strands, tighten the cable gland and then reconnect the power supply.



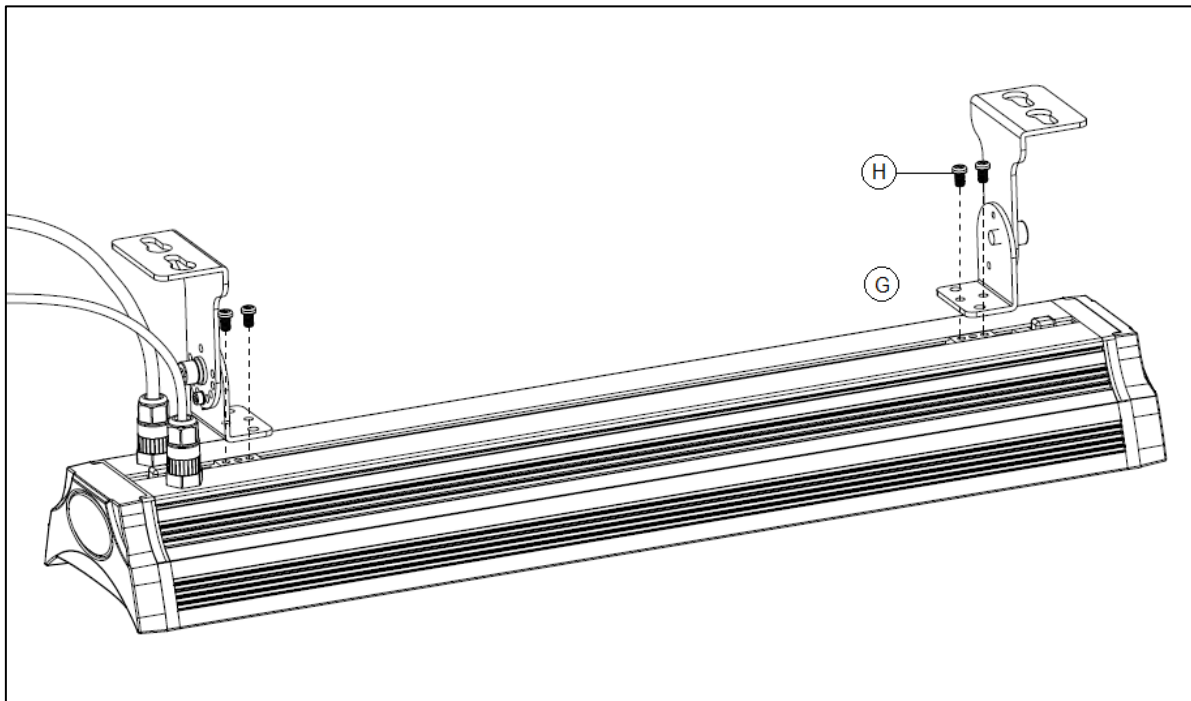


Suspension Mounting

- For suspension mounting, install at least two eyelets into the adjustable recessed fixing points as shown (F).
- The main unit (A) is supplied with two adjustable recessed fixing points and the extension unit (B) is supplied with one, the adjustable recessed fixing points can be fixed with the grub screws in the middle hole of them.
- Fix suitable suspension chains or cables to the mounting surface and attach to the eyelets.

Bracket Installation

- The bracket pieces are installed into the adjustable recessed fixing points (G).
- The main unit is supplied with two adjustable recessed fixing points and the extension unit is supplied with one.
- Use the screws to fix the brackets (H) to the adjustable recessed fixing points.



Microwave Sensor and Junction Box Installation

Please refer to the instructions provided with the **KPT-KHBNC1-MWS1** Microwave Sensor.



The Waste Electrical & Electronic Equipment Regulations (WEEE) require that products bearing this symbol must not be disposed of with household waste as they may contain substances harmful to the environment. The Local Authority can provide advice on recycling.