

VersaLite IP65 IK10 mains and emergency luminaire

Caution: DO NOT MEGGA after installation. It is recommended to disconnect live and neutral wires from the unit before an insulation resistance check.

General

The luminaire is designed for surface, suspended, wall or ceiling mounting and is not suitable for recessed or semi-recessed applications.

Photometric Classification:

Australian Standards AS2293-2005 specifies lighting orientation of the luminaire, with respect to the lamp, is critical for spacing distances quoted by the photometric classification. Please refer to AS2293 spacing table for reference.

Installation:

Remove any packaging or clear protective materials before use.

For emergency version check the battery leads, assemble LED and test switch to their positions before final installation.

Testing Self Contained (Emergency) Luminaries:

It is recommended that a full duration test be carried out prior to commissioning as follows:

Connect the Un-Switched Active feed for 16 hours. This causes the GREEN LED indicator is lit showing that the internal batteries are charging, check that LED strip(s) is light up when Un-Switched and Active are turned ON. Pressing the test button carries out a quick confidence test.

After 16 hours disconnect the supply (Un-Switched Active feeds) at source and check for the rated duration period.

NOTE: If charging LED is lit, the Mains supply is healthy and the battery is charging.

Wiring Instructions:

- A. Remove gear tray from body and install body to wall or ceiling surface.
- B. Suspend gear tray to body using lanyard to assist with wiring
- C. Connect cable to terminal block on gear tray as below:

Mains only version

Connection:	Terminal:
Neutral	N
Earth	E
Active	A

Emergency version

Connection:	Terminal:
Neutral	N
Earth	E
Active	A
Un-Switched Active	UA

NOTE : Non-Maintained Luminaries to be wired with Un-Switched Active only.

Date of Commissioning:

Date to be filled in on the space provided, within the fitting, by either installer or commissioning engineer.

Routine Testing:

Routine tests should be carried out in accordance with the Australian Standard AS2293 part 2. Batteries should be replaced when the rated duration is no longer achieved.



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Battery Replacement:

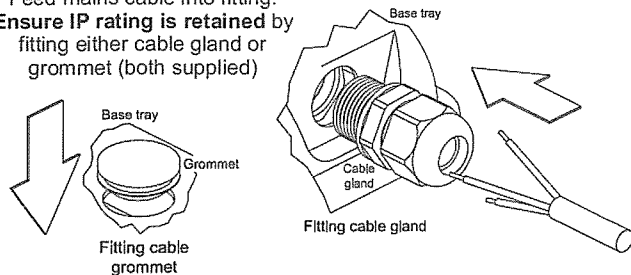
Performance of the luminaire is dependent on the use of the high temperature Nickel Cadmium batteries or LiFePO4. To avoid damage to the luminaire, the battery must be replaced with the same Menvier battery pack. The model number is stamped on the battery pack label.

Warning:

When disposing of batteries do not pierce, incinerate or short circuit. Batteries contain cadmium and therefore should be disposed of in accordance with recognised disposal methods.

Wiring

Feed mains cable into fitting.
Ensure IP rating is retained by
fitting either cable gland or
grommet (both supplied)



CLASS I WIRING DETAILS

LUMINAIRE

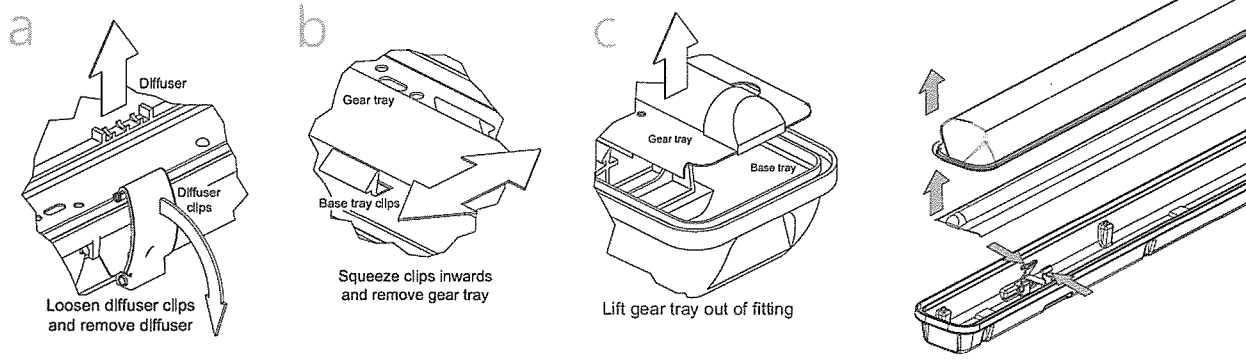
Brown (L) ——— Brown or Red (Live)
Direct to Chassis (E) ——— Green / Yellow (Earth)
Blue (N) ——— Blue or Black (Neutral)

MAINS SUPPLY

Once complete follow the steps in section 1 in reverse order

- Install fast fit bracket to concrete surface using 5.0mm(max) screw fixings
- Install diffuser metal clips to body, secure cable entry hole with plastic plug provided if not in use to ensure IP65 integrity.
- Install gear tray to lanyard before wiring
- Through wiring can also be done neatly and cable is secured clear of ballast and lamp wires to ensure no EMC interference
- Install gear tray, lamp(s)
- Using the metal clip provided secure diffuser and check to ensure IP65 integrity

Disassemble



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