

## Testing:

Once connected to the 240V mains supply, the unit must be allowed to charge the battery for at least 24 hours. Conduct the following tests:

- For the first test, the emergency lamp must remain illuminated for at least 2 hours after disconnection from the mains supply.
- Subsequent tests require the unit to illuminate for at least 90 minutes. The results of all tests are required to be recorded in a service logbook, which is to be kept on-site at all times. If the unit fails to remain illuminated for the requisite time, remedial action must be taken to repair the situation and once completed, the unit must pass a subsequent test. For more specific information, please refer to the current edition of the AS 2293.3 Standard.

## Trouble Shooting:

Below are a list of common problems and their possible causes.

**Fault:** The Green LED indicator is not illuminated.

**Check:** A.C. is connected and is turned on.  
Battery is connected  
Test Switch for damage.

**Fault:** Lamp does not illuminate in emergency mode.

**Check:** A.C. is connected.  
Lamp is correctly inserted.  
Battery is connected

**Fault:** Lamp illuminates in emergency mode, but only stays on for a short period.

**Check:** Battery has been allowed to charge for at least 24 hours.  
Battery for damage.

**Fault:** Green LED flashes once every 5seconds - Battery is disconnected

**Check:** Battery is connected.

**Fault:** Green LED blinks off once every 5 seconds - Charging very flat battery

**Action:** Allow 20min to recover battery then recheck

**Fault:** Green LED flashes at 2Hz (Fast flash) - Faulty battery

**Action:** Replace battery

## Rated Emergency Lumen Output in accordance with AS2293.1 (refer to spacing tables for installation positions):

Refer to the Technical Label for classification information.

## Caution:

On many building sites, power circuits may be cut off in an uncontrolled and repetitive basis during construction. As a result, any Exit & Emergency Units, on these circuits, will have their batteries discharged or "cycled". The Lithium battery in this fitting has been selected to give excellent long-life performance in a controlled AS2293 testing environment. Excessive battery cycling will reduce through-life performance and may lead to premature battery failure. Battery warranty claims, as a result of such abuse, are specifically EXCLUDED from Clevertronics warranty terms.

## Warranty:

For Product Warranty information and Terms and Conditions of Sales please refer to our website <http://clevertronics.com.au/terms-conditions-sale-australia-nz/>



## Economy Boxlite LED Exit Installation & Maintenance Instruction Leaflet

Wall Mount



Ceiling Mount



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Designed in Australia to comply with the requirements of AS2293.3: 2005 and AS/NZS CISPR15: 2017

## Models:

EBLLED-WM-LI

Economy Lithium Boxlite LED Exit – Wall Mount

EBLLED-CM-LI

Economy Lithium Boxlite LED Exit – Ceiling Mount

## Spare Parts:

1560200

Battery, Eco Lithium, 3.2V 1.1Ah

8002715

PCA: Duris LED Strip CT10276

8002971

PCA: EBLLED-LI #CT10614-L1 6C32 M/NM CF

## Important:

It is illegal for anyone, except for a licensed electrician to install or maintain this product. Before installation, ensure that the electricity supply has been switched off and isolated. Installation must be carried out in accordance with the relevant Australian and International Standards.

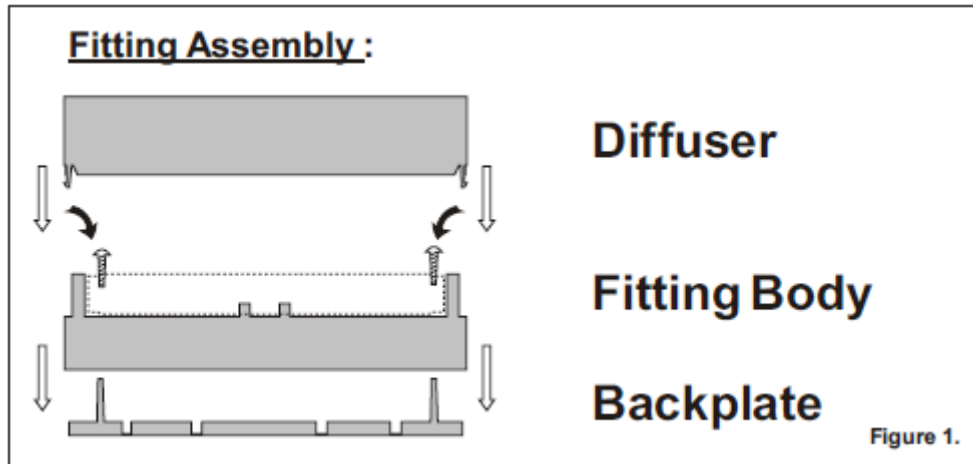
## Installation:

The Boxlite LED Exit (EBLLED-LI) is available as wall or ceiling mount. The back plate is attached to the wall or ceiling using screws installed through the 4 mounting holes. Once the base is mounted and wired the fitting body and diffuser are installed. Please follow the steps below to install the Boxlite Exit (also see Figure 1 below):

- Remove the diffuser.
- Unscrew the body from the base plate and disconnect the power connector to separate the two parts.
- Route the power cable through the entry hole of the base plate.
- Position the base plate in the mounting position.
- Mark the 4 holes for mounting. Then install the base using appropriate fixings (not supplied).
- Connect the 240VAC supply to the mounting bracket. L, N & E terminals are marked on the base plate in front of the terminals.
- Reconnect the power connector between the fitting body and the base plate.
- Screw the fitting body onto the base plate via the specified fixing points.
- Re-fit the diffuser.

## Maintained/Non-Maintained Operating Mode:

Press the Test Button 5 times within a 4 second period to toggle operation of the fitting between Maintained and Non-Maintained mode.



## Boxlite Maintenance:

### Lamp Replacement:

- Use only the LED lamp bar recommended on the label inside the Boxlite.
- To replace the lamp bar, remove the self-tapping screws, disconnect the signal cable and install the new lamp bar.

\*Please note that the 50,000-hour LED Lamp Bar used in the Boxlite Exit does not suffer from burn out. Lamp replacement can be done as scheduled maintenance, at >5-year intervals. Please make a note, in the site logbook, as to when lamps should be changed.

### Battery Replacement:

- Use only the battery recommended on the label inside the Boxlite and on this instruction.
- Remove the cable ties holding the battery, un-plug the lead from the PCB and remove the old battery.
- Clip the new battery into the holder, route the DC cable to the PCB and plug the new battery into the PCB.
- Secure the battery using suitable cable ties

### Changing Exit Legend Inserts:

The Boxlite Exit uses Clevertronics patented "Tamper proof" Exit legend cover and comes complete with spare legend inserts to enable straight on, left or right arrow combinations.

To change an Exit legend insert first remove the diffuser. The clear tamper proof cover is held in place by 4 locking tabs, 2 in the top and 2 in the bottom. Use a tool to disengage and push the locking tabs through to release the cover and remove the insert, replacing it with the desired one.

To re-install the clear cover, first engage the 2 tabs on the bottom of the cover into their respective recesses in the diffuser. Once sure the tabs are located, then carefully push the 2 top tabs back in to complete the process.

