



## Trade Series Odyssey Quantum LED Strip Battens Installation & Maintenance Instruction Leaflet



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

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### Models: EBS4LEDS-xx-DIF-yy-LI

#### Options:

Low output xx=LO

Hi-Lo sensor controlled yy=MS-HL

### Spare Parts:

8002695

1330059

1330023

1330070

1190118

8021480

1560156

ELIFE-X-LI-CKIT-2LED-SL-NP

PCA: LED Strip 8S6P, ALS-13-840-0-02

LED XZ Driver - 50w 700mA, 30-54V

LED Driver - 21W, 700mA, 220-240V (-LO version)

HL Driver - 55w, 500-1200mA, 12-50V (MS-HL Version)

SENSOR: Microwave Motion, IP20, MC049V

PCA: Emergency Led Strip

BATT: EcoLith 3.2V 3.0Ah 200mm lead, BKT

Lifelight, Control Only, 2LED, 3.0Ah, 325mA

### Important:

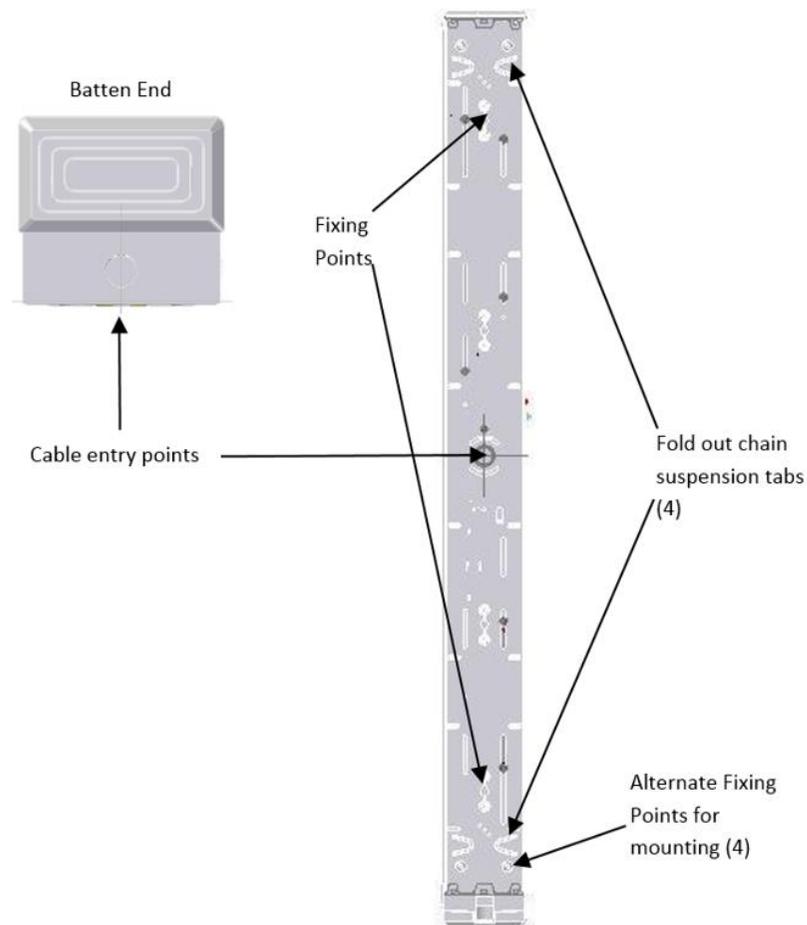
It is illegal for anyone, except for a licensed electrician to install or maintain this product. Before installation, ensure that the electricity supply has been switched off and isolated. Installation must be carried out in accordance with the relevant Australian and International Standards.

## Installation:

This Odyssey Quantum LED Strip batten can be wall or ceiling mounted.

- Refer Images below for the mounting hole, cable access and other dimensions.
- Remove the diffuser.
- Remove the cover plate and disconnect the LED strip connector. Unhook the lanyard
- Position the batten in the desired location.
- Mark out the fixing points on the mounting surface.
- Install appropriate fixing hardware.
- Route power supply cables through the access hole as the rear of the fitting or the ends if using surface conduit (punch out the knock-outs in the plastic end caps)
- Fasten the batten to the surface.
- Terminate the supply cable to the terminals marked A<sub>EM</sub>, N, A<sub>SW</sub> and E (240V AC/50Hz)
- Attach the cover plate to lanyard, Re-connect the LED strip connector and Re-attach the cover plate onto the body of the batten.
- Re-install the diffuser

## Dimensions:



## 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 Head is correctly connected.  
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 5 seconds-Battery in disconnected  
Check: Battery is connected.

Fault: Green LED blinks off once every 5 seconds- Charging very flat battery  
Allow 20min to recover battery then recheck

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

## Rated Emergency Lumen Output in accordance with AS2293.1, not applicable for –TH (theatre) version (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 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/>