

After Power ON, the Status LED on a Clevertest Plus enabled fitting will display a rapid Green or Red flashing for a period up to 2 minutes.

For products with a Dome (-D), the Dome may require removal to successfully scan the fitting with a camera using the CleverSparky App.

Maintained fittings (CLIFEM-PRO-SM-xx-yy-zz-ww) cannot be scanned with a camera using the CleverSparky App as the maintained light source interferes with the camera scanning function. To register the fitting manually enter the serial number from the QR code and visually read the test result and enter manually into CleverSparky.

### Zoneworks, HIVE (HV/HVG) and DATA Monitored Options

Fittings with part numbers -ZW, -HV, -HVG -DATA are fitted with Zoneworks communications modules (nodes). These fittings are monitored using either Powerline Carrier Technology that utilize the power cable to provide data communication, RF transceiver modules operating in the ISM band or a dedicated data cable to/from data routers installed on a dedicated data trunk connected to a central Server (can also be connected via Ethernet/Internet/Fibre). Zoneworks software on the server is used to monitor, coordinate testing and collate test data from each fitting. Zoneworks Fittings can be commissioned by a single push of the test switch or by scanning the supplied barcode. The LED Test Switch indicator provides a multifunction indication of the status of the fitting during testing and normal operation:

| Option              | State                                           | LED Operation                                                                          |
|---------------------|-------------------------------------------------|----------------------------------------------------------------------------------------|
| ZW, HV, HVG<br>DATA | Commissioned                                    | LED on Solid (Green)                                                                   |
| ZW, DATA            | Un-commissioned                                 | <b>Batt plugged-in:</b> yellow 1s, green 1s                                            |
|                     |                                                 | <b>Batt unplugged:</b> red 1s, off 1s                                                  |
| HV, HVG             | Un-commissioned<br>With network connectivity    | <b>Batt plugged-in:</b> yellow 1s, green 1s                                            |
|                     |                                                 | <b>Batt unplugged:</b> red 1s, off 1s                                                  |
| HV, HVG             | Un-commissioned<br>Without network connectivity | <b>Batt plugged-in:</b> yellow 250mS, green 250mS, yellow 250mS, green 250mS, green 1s |
|                     |                                                 | <b>Batt unplugged:</b> red 250mS, off 250mS, red 250mS, off 250mS, off 1s              |
| ZW, DATA            | Emergency Light Test In Progress                | LED flashes at yellow 5s , Off 1s                                                      |
| HV, HVG             | Emergency Light Test In Progress                | LED flashes at yellow 1s , Off 1s                                                      |

In the case of the DATA version a 2-way "figure 8" cable and terminal block facilitates the connection to the DATA network via a multi-drop bus (daisy chain connection). For further information of installation of a Zoneworks system, please refer to the Zoneworks Users Guide and Commissioning Guide (incl. DATA version)

### DALI EM Option

DALI Luminaires are fitted with DALI modules (nodes) that facilitate connection and integration to 3<sup>rd</sup> Party Lighting Control Systems. Before installing the DALI luminaire, please confirm that the Lighting Control System has the capability to monitor DALI Emergency Luminaires. The DALI fitting will be addressed and configured into the control system by the Lighting Control System Commissioning Technicians and not Clevertronics.

| State                            | LED Operation                          |
|----------------------------------|----------------------------------------|
| Commissioned/ Un-commissioned    | LED on Solid (Green)                   |
| Emergency Light Test in progress | LED flashes at 1s On (Yellow) & 1s Off |
| "IDENTIFY COMMAND"               | Lamp Flash for 30 seconds              |

A 2-way "figure 8" cable and terminal block facilitates the connection to the DALI network. DALI connections are marked as Da Da.



## LP™ LIFELIGHT PRO Surface Mount Emergency Luminaire

### Installation & Maintenance Instruction Leaflet



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NOTE: Standard product codes with this symbol  are enabled with Clevertest Plus capability. Please refer to the operation guide supplied with the product for details.

### Models: CLIFEx-PRO-SM-xx-AAzzz-yy-zz-ww

#### Testing:

|                |             |
|----------------|-------------|
| Manual Test    | xx = Blank  |
| Zoneworks      | xx = ZW     |
| Z/W DATA       | xx = DATA   |
| Zoneworks HIVE | xx = HV/HVG |
| DALI           | xx = DALI   |
| DALI-2         | xx = D2     |

#### Options:

|                       |         |
|-----------------------|---------|
| Dome                  | zz=D    |
| Tamper Proof          | yy=TP   |
| Colour, Black         | ww=BLK  |
| Non-Maintained        | x=Blank |
| Maintained            | x=M     |
| Third Party Fitting   | AA      |
| Custom Fitting Length | zzz     |

### Spare Parts:

|         |                                 |
|---------|---------------------------------|
| 1550231 | Replacement Battery             |
| 8003081 | Replacement Emergency LED Board |
| 8003501 | Replacement Emergency Driver    |

### 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 CLIFE-PRO-SM is a Surface Mount (SM) fitting that can be attached directly to any solid surface (use appropriate fixings to suit the mounting surface). Please follow the steps below to install the CLIFE-PRO-SM:

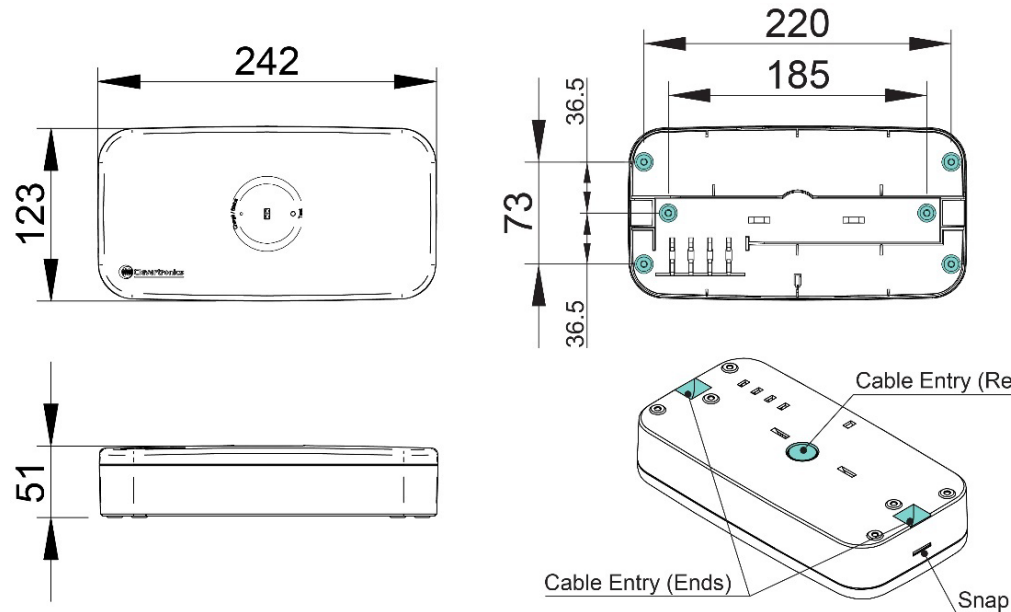
- Remove the Lid from the Base by using a flat screwdriver to release the snap fits (see below)
- Cut/Drill out Cable Entry points (see image below)
- Drill out the required fixing holes on the Base (see image below)
- Mark holes on mounting surface (use drilled out holes on the Base as a template)
- Mount Base using appropriate fixings to ensure a secure installation (pre-drill holes if required)
- Insert Mains Cables through Cable Entry
- Terminate the Mains Cables into terminal block. Ensure Active, A & Neutral, N wires are connected as per Terminal Block Label.
- Re-attach Lid Assembly, ensuring to align Mains Connector Pins into Terminal Block
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 350mm is not expected
- If the CTP capabilities are activated, please affix the CTP status label to a visible surface and mark an "F" in third segment of the Four Segment Marking 

|   |   |    |   |     |
|---|---|----|---|-----|
| X | 0 | AD | F | 120 |
|---|---|----|---|-----|

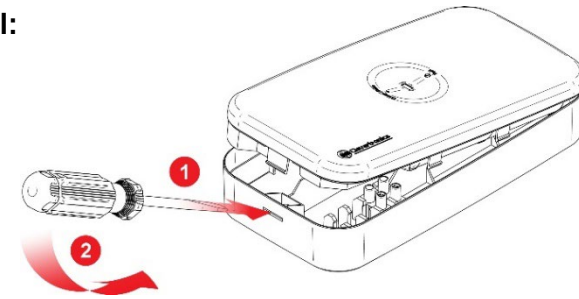
## Note:

This luminaire (with reinforced insulation between control/LED terminal and AC supply) contains non-user replaceable light source and battery - to be replaced (if required, refer installation instructions for battery replacement) by Clevertronics service personnel/agents or a registered electrician.

## Dimensions:



## Lid Removal:



## 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 Test Switch 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.

**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/>