

Refer to the supplementary operation guide supplied with the Product.

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.

Maintained fittings (CLIFEM-PRO-SM-WP-xx-yy) 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 Monitored Options

Fittings with part numbers -HV/-HVG are fitted with Zoneworks communications modules (nodes). These fittings are monitored using RF transceiver modules operating in the ISM band 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 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
HV, HVG	Commissioned	LED on Solid (Green)
HV, HVG	Un-commissioned With network connectivity	<b>Batt plugged-in:</b> yellow 1s, green 1s
		<b>Batt unplugged:</b> red 1s, off 1s
HV, HVG	Un-commissioned 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
HV, HVG	Emergency Light Test In Progress	LED flashes at yellow 1s , Off 1s

For further information of installation of a Zoneworks system, please refer to the Zoneworks Users Guide and Commissioning Guide.

## DALI EM Option

Luminaires with part numbers having -DALI 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 and Status LED 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 Weatherproof Emergency Luminaire Installation & Maintenance Instruction Leaflet



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Designed in Australia to comply with the requirements of AS/NZS 2293.3:2018 and AS CISPR15: 2017. 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-WP-xx-yy Testing:

Manual Test xx = Blank

Zoneworks HIVE xx = HV/HVG

DALI Registered. xx = DALI 

## Options:

Colour, Black yy=BLK  
Non-Maintained x=Blank  
Maintained x=M

## Spare Parts:

1550231 Replacement Battery  
8050170 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:

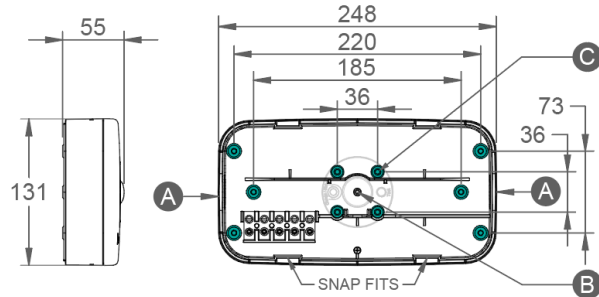
Please follow the steps below to correctly install the product.

- Remove the Lid from the Base by using a flat screwdriver to release the snap fits (see below)
- For products requiring a Corridor or Area Lens, replace Lens now (see below)
- Cut/Drill out Cable Entry points (A=End Entry, B=Rear Entry)
- Drill out the required fixing holes on the Base (see image below, C=Junction Box fixing)
- Mark holes on mounting surface (use drilled out holes on the Base as a template)
- Insert Mains Cables & mount Base using appropriate fixings to ensure a secure installation (mounting points must be sealed appropriately to ensure proper protection from water ingress)
- 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.
- If the CTP capabilities are activated, please affix the CTP status label to a visible surface and Four Segment Marking on the product will include an "F" in third segment block.

## Networking:

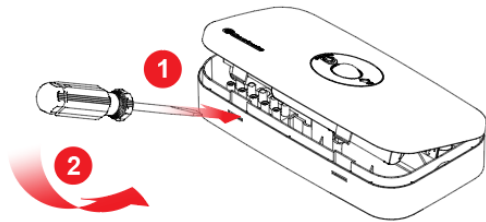
When installing the product on a monitored network, (HVIE, DALI) simply insert the relevant Smart Node PCA.

## Dimensions:

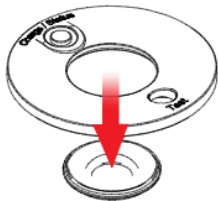


## Lid Removal / Lens Replacement:

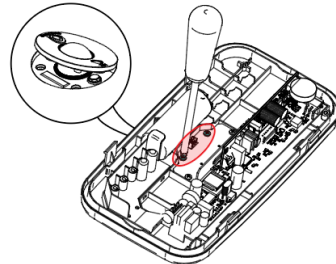
**STEP 1** – Insert flat screw driver and lever to remove lid and push out Bezel/Lens



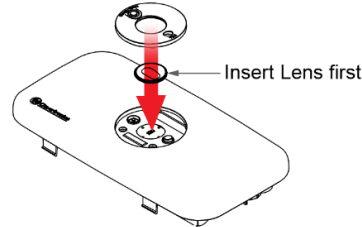
**STEP 3** – Release Lens from the Bezel



**STEP 2** – Remove the two coloured screws



**STEP 4** – Insert required Lens followed by Bezel and re-insert coloured screws and Lid



**Note:** for Corridor Lens ensure the two pins engage into the PCA

## 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

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/>