## Clevertest Plus

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.

## 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<br>With network connectivity | **Batt plugged-in:** yellow 1s, green 1s |
| | | **Batt unplugged:** red 1s, off 1s |
| HV, HVG | Un-commissioned<br>Without network connectivity | **Batt plugged-in:** yellow 250mS, green 250mS, yellow 250mS, green 250mS, green 1s |
| | | **Batt unplugged:** red 250mS, off 250mS, red 250mS,off 250mS, off 1s |
| HV, HVG | Emergency Light Test In Progress | LED flashes at yellow 1s , 0ff 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 3rd 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.

# L10™ Supalite LED Emergency Luminaire

## Installation & Maintenance Instruction Leaflet


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**Designed in Australia to comply with the requirements of AS2293.3: 2018 and AS/NZS 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: LFLLED-xx-yy

**Testing:**

Manual Test xx = Blank

Zoneworks HIVE xx = HV/HVG

DALI Registered. xx = DALI

**Options:**

Black in Colour yy = BLK

## Spare Parts:

| | |
|---|---|
| 1530230 | Replacement Battery |
| 1100955 | Replacement Emergency LED Head – Right |
| 1100954 | Replacement Emergency LED Head – Left |
| 1100956 | Replacement Emergency LED Head – Left (-BLK option) |
| 1100957 | Replacement Emergency LED Board – Right (-BLK option) |
| 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:

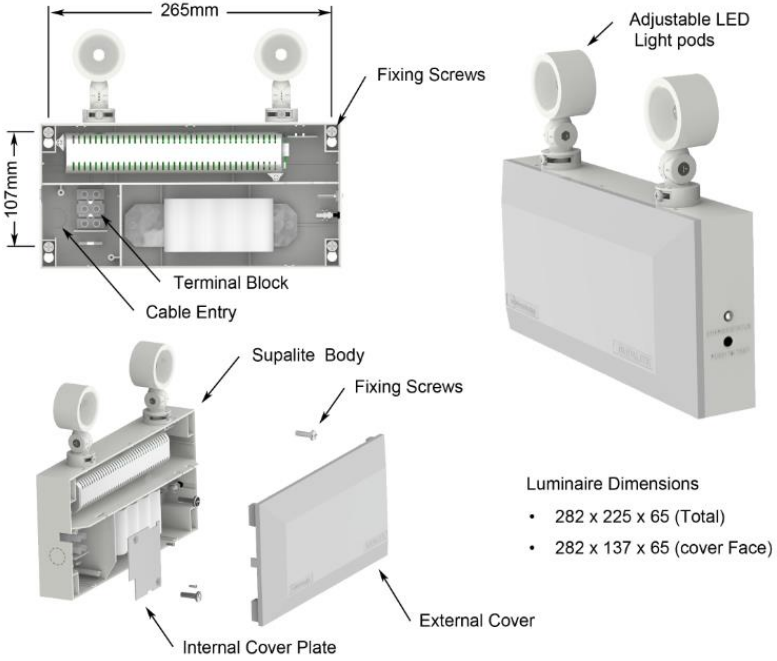
This LFLLED Surface Mount Non-maintained Emergency can be installed on PLASTER or solid block walls.

1. Take off the front external cover by inserting a flat blade screw driver into the slots along the bottom edge of the fitting.
2. Mark the mounting hole positions on the wall and drill fixing holes
3. Using the appropriate fixing hardware for the wall surface to then fix the LFLLED to the wall
4. If hard wiring remove the flex and plug after removing the internal cover plate over the terminal block.
5. If hard wiring terminate the 240V, 50Hz supply to the terminals marked A, N & E. The cable entry hole through the back of the unit is shown in the image below. Install the internal cover plate over the top of the terminal block.
6. Re-install the External Front Cover by pushing it back into place until it clicks in top and bottom.
7. If using the flex and plug, plug it into a suitable socket (240V, 50Hz).
8. Adjust the LED heads into position. Two screws are provided for each head to move them into position. The front screw adjusts the L/R position (roll) and the side screw adjusts the U/D (tilt) position. There is a standard positioning marker on the body representing a 30° roll out and 30° tilt down – this is the position that provides the maximum square area coverage when wall mounted at 3m
9. 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, (HIVE, DALI) simply insert the relevant Smart Node PCA.

## Dimensions:




Luminaire Dimensions

- 282 x 225 x 65 (Total)
- 282 x 137 x 65 (cover Face)

## Testing:

When the LFLLED unit is connected to the un-switched active, it must be allowed to charge the battery for at least 24 hours. The emergency lamp only illuminates during a power fail. Conduct the following tests:

- The emergency lamp must illuminate for at least 2 hours after disconnection from the mains. 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 illuminate for the requisite time, remedial action must be taken to repair the situation and once completed, the unit must pass a subsequent test.
- Press and hold Test Button or switch Off Mains Supply, check that the emergency lamp is On.
- Release the Test Button or Switch On Mains Supply, check that the emergency lamp is Off (Non-maintained operation).

## 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/