

Zoneworks HIVE Monitored Options

Luminaires with part numbers -HV are fitted with Zoneworks communications modules (nodes). These fittings are monitored using RF transceiver modules operating in the ISM band, communicating with a central Server. Zoneworks software on the server is used to monitor, coordinate testing and collate test data from each fitting. Zoneworks Luminaires 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, DATA | Commissioned | LED on Solid (Green) |
| ZW, DATA | Un-commissioned | Batt plugged-in: yellow 1s, green 1s |
| | | Batt unplugged: red 1s, off 1s |
| HV | Un-commissioned With network connectivity | Batt plugged-in: yellow 1s, green 1s |
| | | Batt unplugged: red 1s, off 1s |
| HV | Un-commissioned 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 |
| ZW, DATA | Emergency Light Test In Progress | LED flashes at yellow 5s , Off 1s |
| HV | 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 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" | Fitting goes into emergency mode for 10 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™ LIFELIGHT Recessed Emergency

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: LLIFE-xx-yy-ss-uu-zz

Testing:

Zoneworks HIVE
DALI

xx = HV
xx = DALI



Options:

Dome ss = D
Tamperproof yy = TP
Black LED Head zz = BLK
Cable Option uu = 5C / F5C

TAMPERPROOF variants use 4 T10 security screws to secure the head

Spare Parts:

| | |
|----------------|--|
| 1530010 | Battery: L10 3.3V 2.5AH 200mm lead, BRKT. |
| 1100925 | LifeLight Head Assembly, Round, LT, 1LED |
| 1100924 | LIFELight Head Assembl, Round, LT, 1LED, BLK |
| AUM01270310002 | LLIFE-CKIT-DALI, Lifelight: LED, Control Only, L10, DALI Reg |
| AUM01870020001 | LLIFE-CKIT-HV, Lifelight: LED, Control Only, L10, HV, OWC |

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.

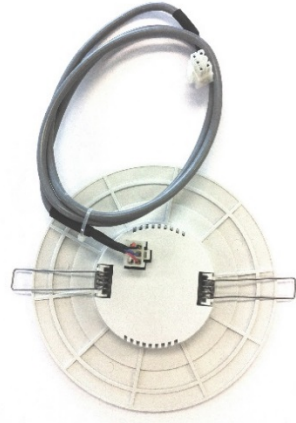
Installation:

This LLIFE Recessed Non-maintained Emergency can be installed on PLASTER or T-BAR ceilings or used to replace an existing unit.

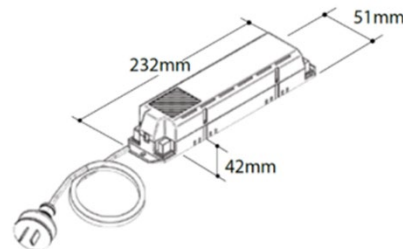
- First plan the assembly layout ensuring the battery is kept away from any heat source.
- Refer Images and Dimensions below for the Cut-out Hole and other dimensions.
- Use the Spring Clip Mount to mount the Head to the ceiling.
- Please ensure the control pack and battery is suspended above the ceiling. If the control pack and battery are to be mounted or placed on top of the ceiling, then please ensure the ceiling is capable of supporting these elements and in compliance with the relevant regulations with respect to mounting above/on the ceiling.

Dimensions:

Head depth: 40mm including connector
Head Diameter: 95mm diameter
Cut-out Hole: 85mm diameter
Adaptor Ring: 145mm diameter, suits 125mm hole
Control gear: 232mm (L) x 51mm (W) x 42mm (H)



145mm Adaptor Ring



Testing:

When the Lifelight 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).

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.

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 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/>