

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.

The front cover will require removal to gain access to the Test/Status Switch and LED.

Maintained fittings ((LLIFEM-PRO-WP-IPREM-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 and DATA Monitored Options

Lifelights with part numbers having -ZW and -DATA are fitted with Zoneworks communications modules (nodes). These fittings are monitored using either Powerline Carrier Technology that utilising the power cable to provide data communication 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 Lifelight. Zoneworks Lifelights can be commissioned by a single push of the test switch or scanning of the supplied barcode. The LED Test Switch indicator provides a multifunction indication of the status of the Lifelight during testing and normal operation:

State	LED Operation
Commissioned	LED on Solid (Green)
Un-commissioned	LED flashes at 0.5Hz (0.5s Green, 0.5s Yellow)
Emergency Light Test In Progress	LED flashes at 3s On (Yellow) & 0.5s Off

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

Lifelights 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 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.

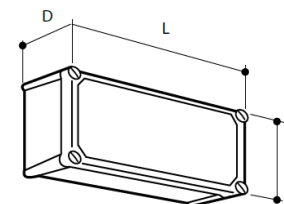
State	LED Operation
Commissioned/ Un-commissioned	LED on Solid (Green)
Emergency Light Test in progress	LED flashes at 1s On (Yellow) & 1s Off
"IDENTIFY COMMAND"	Fitting goes into emergency mode for 10 seconds

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

# LLIFE-PRO-WP-IPREM


## Remote Mount Weatherproof Emergency Luminaire

## Installation & Maintenance Instruction Leaflet



Remote Control Gear

**Designed in Australia to comply with the requirements of AS2293.3: 2005 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: LLIFEz-PRO-WP-IPREM-xx-yy-zz

#### Options:

z=Blank Non-Maintained  
z=M Maintained  
yy=TP Tamperproof  
zz Custom Option

#### Testing:

xx=DALI DALI  
xx=DATA Zoneworks Data  
xx=ZW Zoneworks  
xx=CT Clevertest

(NOTE: -CT Products supplied with the Clevertest Plus Symbol  are activated with Clevertest PLUS capability. Please refer to the operation guide supplied with the product for details).

### Spare Parts:

1530230 Battery, 3.3 Volt 5Ah Li-ion 200mm Lead and Bracket  
1100697 Lifelight Pro, WP Head, LT, Gen 2  
LLIFE-PRO-CKIT-NP Lifelight Pro,Control Only,L10

### 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.

#### Victoria (Head Office & Manufacturing)

Website: [www.clevertronics.com.au](http://www.clevertronics.com.au)

Email: [info@clevertronics.com.au](mailto:info@clevertronics.com.au)

Phone: +61 3 9559 2700

Fax: +61 3 9559 2799

#### New South Wales

Phone: +61 2 8805 6400

Fax: +61 2 8805 6444

#### Queensland

Phone: +61 7 3442 9700

Fax: +61 7 3442 9777

#### South Australia/Northern Territory

Phone: +61 8 8301 8800

Fax: +61 8 8351 8286

#### Western Australia

Phone: +61 8 9248 3720

Fax: +61 8 9248 3725

#### New Zealand

Phone: +64 800 548 448

## Installation:

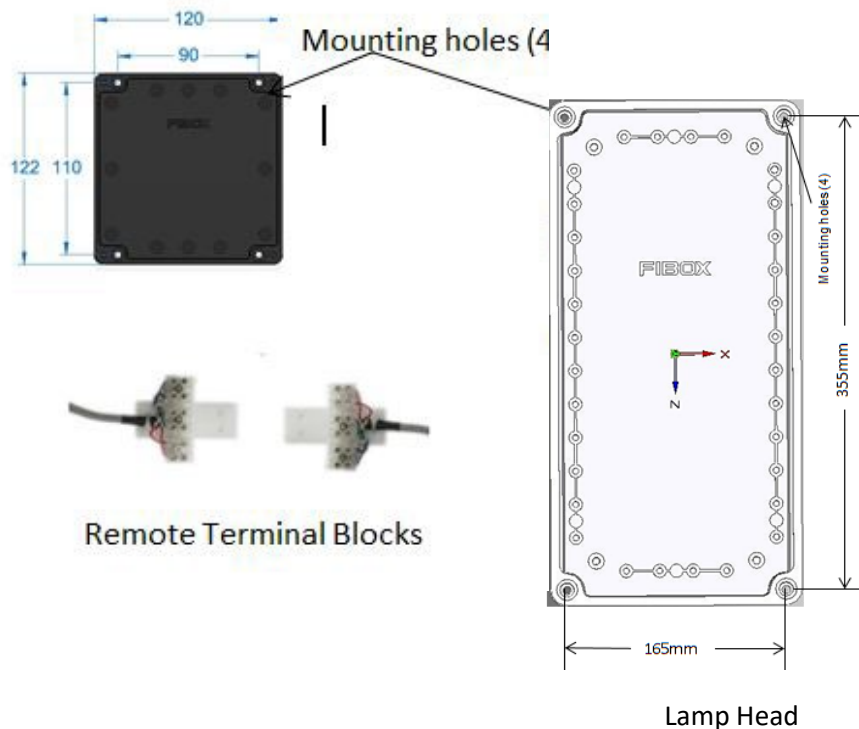
This LLIFE-PRO Surface mount Weatherproof Emergency Luminaire can be installed on any solid or T-BAR ceilings or used to replace an existing unit.

- Locate the installation position for each enclosure.
- Remove the enclosure covers.
- Pre-drill mounting holes per diagram below.
- Drill a hole in each enclosure to suit the cable gland or conduit to be used for LED cable entry.
- Drill a suitable hole in the Control Gear enclosure for power entry.
- Use suitable fixings to fasten each enclosure to the mounting surface.
- Route the interconnecting cable between the Control Gear and the LED lamp. For distances over 2 metres, an appropriate fire rated cable must be used.
- Connect the LED interconnect cable to the terminal block inside each enclosure. Be sure to match the colour code between the two terminal blocks.
- Connect the LED cable and battery to the control gear inside the control gear enclosure.
- Connect the power to the mains.
- Screw the covers to the enclosure bases
- 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.
- Apply power and test the fitting.

## Networking:

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

## Images and Dimensions:



## Initial Testing:

When the 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 failure. Conduct the following tests:

- During the first commissioning test the emergency lamp must illuminate for at least 2 hours after disconnection from the main supply. 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:

**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 Lifelight Units, on these circuits, will have their batteries discharged or "cycled". The Li-ion battery in the Lifelight has been selected to give excellent long-life performance in a controlled IEC 60598-2-22 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/>