

## Zoneworks and DATA Monitored Options

Lifelight Pro with part numbers CLIFEz-PRO-ZW, CLIFEz-PRO-DATA are fitted with Zoneworks communications modules (nodes). These fittings are monitored using either Powerline Carrier Technology that utilises the power cable to provide data communication or a dedicated data cable to/from data router 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 CLIFE-PROs 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 XT system, please refer to the Zoneworks Users Guide and Commissioning Guide (incl. DATA version)

## DALI EM Option

Lifelight Pro with part numbers CLIFEz-PRO-DALI are fitted with DALI modules (nodes) that facilitate connection and integration to 3<sup>rd</sup> Party Lighting Control Systems. Before installing the CLIFEz-PRO-DALI please confirm that the Lighting Control System has the capability to monitor DALI Emergency Luminaires. The CLIFEz-PRO-DALI 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 OR a 5/6way “structured wiring system” lead and plug facilitating the power and DALI connection. DALI connections are marked as Da Da.

## Clevertest and 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.


Maintained fittings (CLIFEM-PRO-xx) cannot be scanned with a camera using the Clevertest Plus 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 Clevertest Plus App.



## CLP™ LIFELIGHT PRO Recessed Emergency Luminaire

### Installation & Maintenance Instruction Leaflet



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.



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### Models: CLIFEz-PRO-yy-xx-zz-ww

#### Testing :

Manual Test xx = Blank  
Zoneworks xx = ZW  
Z/W DATA xx = DATA  
DALI Comp. xx = DALI

#### Options:

Maintained z = M  
Non-Maintained z = Blank

### Spare Parts:

1550229  
1100897  
CLIFE-PRO-CKIT-475  
CLIFEM-PRO-CKIT-250-475

BATT: CLP 3.2V6400mAh200mmlead.Brkt.Sleeve  
UK.Lifelight Pro Head Assbly.Rnd.LargeRing.Gen2,LT  
CLP Premium LED Lifelight Pro Pack, non-maintained  
CLP Premium LED Lifelight Pro Pack, maintained

### 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 British Standards.

## Installation:

This CLIFE-PRO Recessed Non-maintained Emergency Luminaire 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.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person to avoid a hazard.
- This luminaire contains non-user replaceable light source and battery.
- Recommended specifications of terminal block for connecting leads:
  - Type of Terminal: Screw Terminal
  - Number of Terminals: 2-Pin
  - Rated Voltage: 250 V
  - Rated Connecting Capacity: 10A
- 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, (ZONENETWORKS, DATA, DALI) simply insert the relevant Smart Node PCA.

## Dimensions:

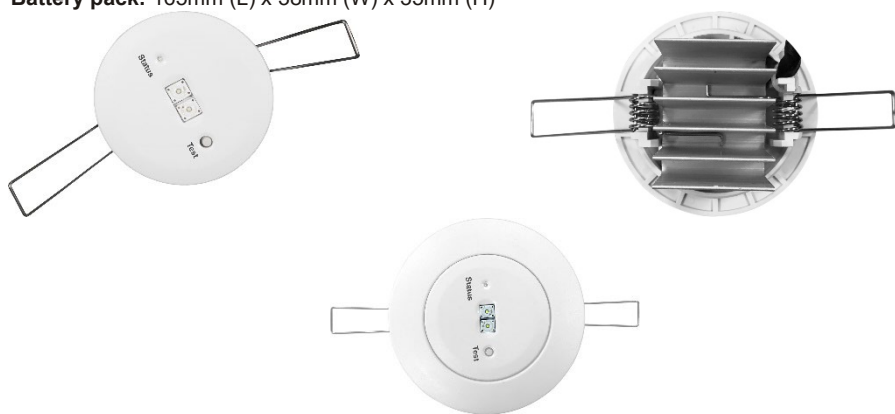
**Head depth:** 40mm including connector

**Head Diameter:** 60mm diameter (with adaptor ring 95mm)

**Cut-out Hole:** 51mm diameter (with adaptor ring up to 85mm)

**Control gear:** 232mm (L) x 40mm (W) x 40mm (H)

**Battery pack:** 165mm (L) x 38mm (W) x 35mm (H)



LED Head with Adapter

## 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 registered electrician.

## Battery Replacement:

1. Prior to any work, isolate the power to the luminaire that requires battery replacement.
2. Remove the cord anchor securing battery cable by removing screw under driver.
3. Remove the Battery Connector from the Emergency Driver.
4. Replace battery, reconnect battery connector to Emergency Driver.
5. Carefully reinstall the cord anchor ensuring the lamp cable and battery cable are not pinched or damaged.

## Testing Procedure:

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 fail. Conduct the following tests:

- The emergency lamp must illuminate for at least 180 min after disconnection from the mains. 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.

## 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 Li-ion battery in the Exit & Emergency Unit 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 <https://clevertronics.co.uk/product-warranty-statement/>