

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.

To access test switch of LLIFEz-PRO-yy-xx-RECWP-zz-vv-ww, front cover needs to be removed.

Maintained fittings ((LLIFEM-PRO-yy-xx-ss-zz-vv-ww)) 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 and DATA Monitored Options

Fittings with part numbers -ZW, -HV/-HVG, -DATA are fitted with Zoneworks communications modules (nodes). These fittings are monitored using either Powerline Carrier Technology that utilize the power cable to provide data communication, RF transceiver modules operating in the ISM band 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 fitting. Zoneworks Fittings 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, HVG, DATA	Commissioned	LED on Solid (Green)
ZW, DATA	Un-commissioned	Batt plugged-in: yellow 1s, green 1s
		Batt unplugged: red 1s, off 1s
HV, HVG	Un-commissioned With network connectivity	Batt plugged-in: yellow 1s, green 1s
		Batt unplugged: red 1s, off 1s
HV, HVG	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, HVG	Emergency Light Test In Progress	LED flashes at yellow 1s , Off 1s

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

DALI Luminaires 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™ LIFELIGHT PRO Recessed Emergency 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.

Models: LLIFEz-PRO-tt-xx-ss-zz-vv-uu-yy-ww

Testing:

Manual Test	xx = Blank
Zoneworks	xx = ZW
Z/W DATA	xx = DATA
DALI	xx = DALI
DALI-2	xx = D2
Zoneworks HIVE	xx = HV/HVG
Z/W HIVE with External Antenna	xx = HV/HVG EXTA

Options:

4 Hour runtime	yy = 4HR
6 Hour runtime	yy = 6HR
Switched Active	tt = SA
Maintained	z = M
Square	zz =SQ
Custom Colour	ww
Recessed Weatherproof	ss = RECWP
No Colour Indicator LED	uu = NCIL
Tamper Proof	vv = TP

Spare Parts:

1530230	Replacement Battery
1100868	Replacement Emergency Head -Rnd, White
1100871	Replacement Emergency Head -Rnd, Black
1100847	Replacement Emergency Head -Square, White
1100848	Replacement Emergency Head -Square, Black
AUM01370040001	Replacement Emergency Driver
AUM01370070001	Replacement Emergency Driver- Maintained
AUT01810170001	Replacement Emergency Driver -Switched active
AUM00000006701	Replacement Emergency Driver (6hr)

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

Email: info@clevertronics.com.au

Phone: +61 3 9559 2700

New South Wales

Phone: +61 2 8805 6400

Queensland

Phone: +61 7 3442 9700

South Australia/Northern Territory

Phone: +61 8 8301 8800

Western Australia

Phone: +61 8 9207 0000

New Zealand

Phone: +64 800 548 448

Installation:

This LLIFE-PRO 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.
- 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.

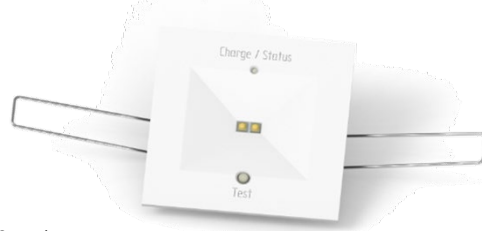
Dimensions:

SQUARE HEAD

Head depth: 40mm including connector

Head: 60mm x 60mm

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



ROUND HEAD

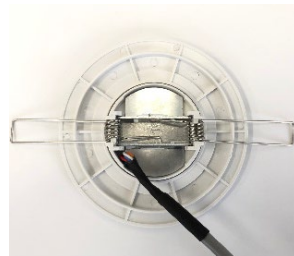
Head depth: 40mm including connector

Head Diameter: 60mm diameter (with adaptor ring 98mm)

Cut-out Hole: 51mm diameter (with adaptor ring 80mm to 85mm recommended, maximum 90mm)

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

Battery pack: 160mm (L) x 47mm (W) x 25mm (H), Note: 4HR version 200mm(L) x 60mm(W) x 25mm(H).



LED Head with Adapter Ring

Testing:

When the LLIFE-PRO 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):

For emergency classification refer to product technical label.

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/>