

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.

For products with a Dome (-D), the Dome may require removal to successfully scan the fitting with a camera using the CleverSparky App.

Maintained fittings (LLIFEM-PRO-SM-vv-xx-yy-zz-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 (HV/HVG) 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 Surface Mount Emergency Luminaire

Installation & Maintenance Instruction Leaflet



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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: LLIFEx-PRO-SM-vv-xx-AAzzz-uu-yy-zz-ww

Testing:

Manual Test	xx = Blank
Zoneworks	xx = ZW
Z/W DATA	xx = DATA
Zoneworks HIVE	xx = HV/HVG
DALI	xx = DALI
DALI	xx = D2

Options:

Dome	z=D
Tamperproof	yy=TP
Colour, Black	ww=BLK
Non-Maintained	x=Blank
Maintained	x=M
Switched Active	vv=SA
6 Hour Runtime	uu =6HR
Third Party Fitting	= AA
Customer Fitting length	= zzz

Spare Parts:

1530231	Replacement Battery
8003081	Replacement Emergency LED Board
8002924	Replacement Emergency Driver
8003501	Replacement Emergency Driver
800-00063	Replacement Emergency Driver (-6HR Only)

Important:

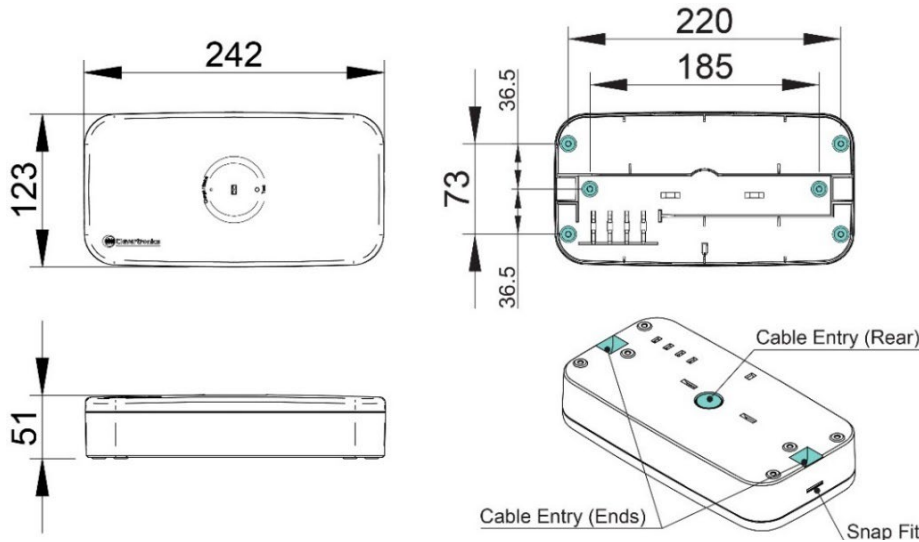
It is illegal for anyone, except for a licensed electrician to install or maintain this product. Before installation, ensure that the electricity supply has been switched off and isolated. Installation must be carried out in accordance with the relevant Australian and International Standards.

Installation:

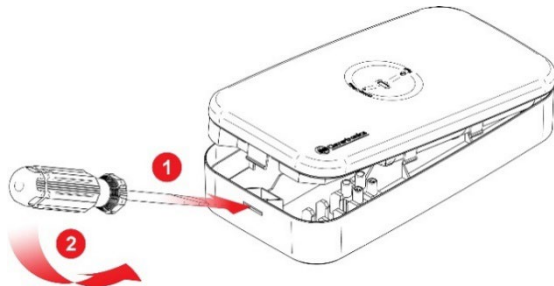
The LLIFE-PRO-SM is a Surface Mount (SM) fitting that can be attached directly to any solid surface (use appropriate fixings to suit the mounting surface). Please follow the steps below to install the LLIFE- PRO-SM:

- Remove the Lid from the Base by using a flat screwdriver to release the snap fits (see below)
- Cut/Drill out Cable Entry points (see image below)
- Drill out the required fixing holes on the Base (see image below)
- Mark holes on mounting surface (use drilled out holes on the Base as a template)
- Mount Base using appropriate fixings to ensure a secure installation (pre-drill holes if required)
- Insert Mains Cables through Cable Entry
- Terminate the Mains Cables into terminal block. Ensure Active, A & Neutral, N wires are connected as per Terminal Block Label.
- Re-attach Lid Assembly, ensuring to align Mains Connector Pins into Terminal Block
- 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:



Lid Removal:



Testing:

Once connected to the 240V mains supply, the unit must be allowed to charge the battery for at least 24 hours. Conduct the following tests:

- For the first test, the emergency lamp must remain illuminated for at least 2 hours after disconnection from the mains supply.
- Subsequent tests require the unit to illuminate for at least 90 minutes. 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 remain illuminated for the requisite time, remedial action must be taken to repair the situation and once completed, the unit must pass a subsequent test. For more specific information, please refer to the current edition of the AS 2293.3 Standard.

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/>