Clevertest and Cleetest 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.
The diffuser will require removal to gain access to the Test/Status Switch and LED.
Maintained fittings ((CWB4LED**M**-P-WB-IB-PRO-xx-yy-zz)) 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.

4HR: CTP will only test for the 2 hours (first test) and 90 minutes duration. 4 hours testing would only be facilitated as a Manual Discharge Test.

Zoneworks, HIVE and DATA Monitored Options

Fittings with part numbers -ZW, -HV, -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, 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 , 0ff 1s
HV	Emergency Light Test In Progress	LED flashes at yellow 1s , 0ff 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

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"	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.

LWP2LIFE-PRO-WPPOD
Surface Mount Twin Head Emergency Luminaire

Installation & Maintenance Instruction Leaflet

Designed in Australia to comply with the requirements of AS2293.3: 2005 and AS/NZS 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: LWP2LIFEz-PRO-WPPOD-ww-xx-yy-uu-ss

Testing:		Options:	
Manual Test	xx = Blank	Sustained	z = Blank
Zoneworks	xx = ZW	Maintained	z = M
Z/W DATA	xx = DATA	Tamperproof	yy =TP
Zoneworks HIVE	xx = HV	4-Hour Battery	uu = 4HR
DALI Registered.	xx = DALI	Custom Colour	ss
Clevertest	xx = CT	POD Locked	ww = LCK

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:

1530050	Replacement Battery
2750356	Replacement LED Board
AUM01370120001	Replacement Emergency Driver
AUM01370230001	Replacement Emergency Driver
AUM01270240002	Replacement Emergency Driver

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:
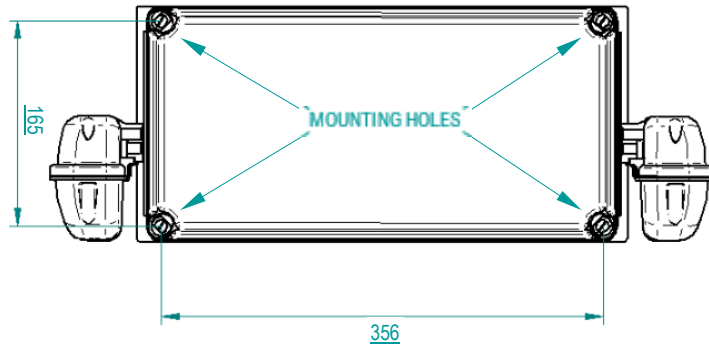**Note: The fitting is designed to be installed as shown in the image below.**

This LWP2LIFE-PRO-WPPOD Surface mount non-maintained Emergency Luminaire can be installed as either ceiling mount with the PODs facing down or on the wall with the PODs rotated to face down.
- When wall mounting the fitting must be mounted 32mm off the wall to allow pods to rotate
- Locate the installation position.
- Pre-drill mounting holes per diagram below.
- Remove fitting cover.
- Use suitable fixings to fasten the fitting to the mounting surface.
- Taking note of the terminal block position, drill a hole in the fitting box to suit the cable gland or conduit to be used for power entry. Please ensure that the cable entry is appropriately sealed to maintain the IP65 rating.
- Terminate the supply cables to the L, N & E terminals (in the case of the –DALI or –DATA fittings terminate the DALI or DATA cable to the terminals marked Da Da or DATA).
- Ensure the Batteries and POD cables are connected.
- To rotate the PODs for the wall mount (WM) position loosen the internal locking nut, rotate and re-tighten the nut.
- 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.
- Screw the cover to the base.

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

Dimensions:

Note: This diagram shows the LWP2LIFE-PRO-WPPOD in the wall mount configuration with the PODs rotated down. To mount to the ceiling using the same mounting instructions but ensure the heads are facing down

When rotating the PODs in WM position ensure the PODs are level with the bottom of the main enclosure

Testing:
When the LWP2PIFE-PRO-WPPOD 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 in each POD 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:
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, is 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/