

Clevertest Plus



Clevertest products must be "activated" before self-test functionality will operate. Refer to supplementary operation guide supplied with the Product or linked via QR code on packaging for details.

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 register the fitting into Clevertest Plus app see supplementary guide..

Zoneworks HIVE Monitored Options

Fittings with part numbers -HVG are fitted with Zoneworks communications modules (nodes). These fittings are monitored using RF transceiver modules operating in the ISM band. Zoneworks software on the server is used to monitor, coordinate testing and collate test data from each fitting. Zoneworks Fittings can be commissioned 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
HVG	Commissioned	LED on Solid (Green)
HVG	Un-commissioned With network connectivity	Batt plugged-in: yellow 1s, green 1s
		Batt unplugged: red 1s, off 1s
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
HVG	Emergency Light Test In Progress	LED flashes at yellow 1s , Off 1s

For further information of installation of a Zoneworks system, please refer to the Zoneworks Users Guide and Commissioning Guide.

DALI 2 EM Option

Luminaires with part numbers having -D2 are fitted with DALI 2 certified modules (nodes) that facilitate connection and integration to 3rd Party Lighting Control Systems. Before installing the fitting please confirm that the Lighting Control System has the capability to monitor DALI Emergency Luminaires. The 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 OR a 5/6way "structured wiring system" lead and plug facilitating the power and DALI connection. DALI connections are marked as Da Da



L10 Jumbo LED Exit

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: LJELED-50-ww-xx-zz

Manual xx = blank
DALI-2 xx = D2
ZW HIVE xx = HVG

Options:
Colour zz = blank (white)
Custom Colour zz = colour
Mounting Option ww = blank (CM, WM)
Ceiling mount ww = CM
Wall mount ww = WM

Spare Parts:

1533232 Replacement Battery
8002470 Replacement Emergency LED Board
UKM00000004301 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 British Standards.

Installation:

The Jumbo LED Exit can be Wall or Ceiling Mounted:

Wall Mounting -WM (single sided)

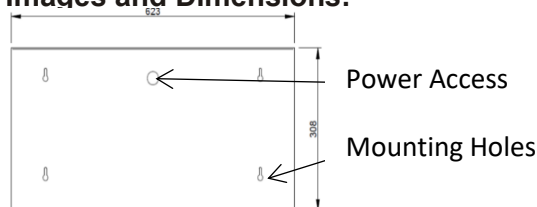
- Remove one of the corner trim pieces
- Remove the back-mounting plate.
- Determine power entry
- Position the mounting plate in the mounting position.
- Mark the 4 holes for mounting. Then install the appropriate fixings (not supplied).
- Reinstall the mounting plate to the fitting.
- Install the fitting on the mounting hardware, while routing the power cable through the access hole.
- Ensure connection of the grounding strap between the fitting and the back plate.
- Connect the Mains AC supply to the terminal block.

Ceiling Mounting -CM (single or double sided)

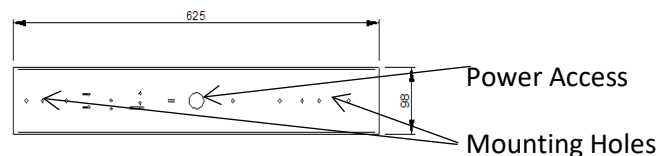
- Remove one of the corner trim panels.
- Determine power entry
- Position the fitting in the mounting position.
- Mark the mounting holes at the top of the fitting.
- Then install the appropriate fixings (not supplied).
- Position the fitting while routing the power cable and attach to the surface as required.
- Connect the Mains AC supply to the terminal block.

If the CTP capabilities are activated, please affix the CTP status Label to a visible surface.

Images and Dimensions:



Wall Mounting Plate



Ceiling Mounting Plate

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 a registered electrician.

If flexible wiring is connected to this luminaire and is within arms reach, the wiring shall be effectively fixed to the wall to reduce the risk of strangulation.

Battery Replacement:

1. Prior to any work, isolate the power to the luminaire that requires battery replacement
2. Open the fitting by removing one of the corner trim pieces.
3. Slide out protective cover, decal and diffuser.
4. Remove the Battery Connector from the Emergency Driver.
5. Remove the battery from the gear tray by removing mounting screws.
6. Replace battery, re-install screws and connector to Emergency Driver.
7. Reinsert protective cover, decal, diffuser, and replace the corner trim piece.

Testing:

When the luminaire 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. 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.

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.

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/>