

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.

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.

Warranty:

For Product Warranty information and Terms and Conditions of Sales please refer to our website <https://clevertronics.co.uk/product-warranty-statement/>

This luminaire (with reinforced insulation between control/LED terminal and AC Supply) contains non-user replaceable light source and non-user serviceable controlgear – The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. The servicing of the controlgear in this luminaire should only be undertaken by the manufacturer of their service agent or a similar skilled person.



Glider Surface Mount Exit 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:

GLIDER-SM-LP-xx-uu

Testing:

Clevertest Plus xx = Blank
Zoneworks HIVE xx = HVG
DALI-2 xx = D2

Options:

Black Colour uu = BLK

Spare Parts:

1553150 Replacement Battery
805-00041 Replacement LED Board
800-00089 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.

Caution:

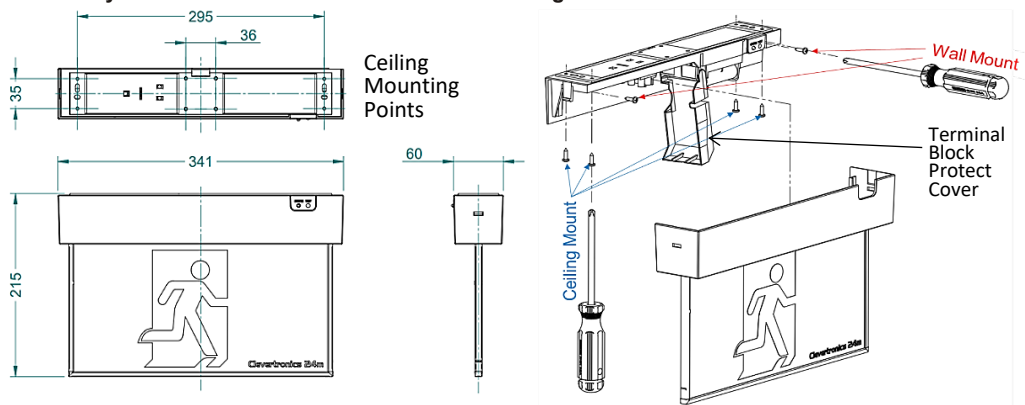
On many building sites, power circuits may be cut off in an uncontrolled and repetitive basis during construction. As a result, any Exit & Emergency Units, on these circuits, will have their batteries discharged or “cycled”. The Li-ion battery in the Exit & Emergency Unit has been selected to give excellent 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.

Installation:

The GLIDER-SM LED Exit is a surface mount fitting. It can be attached directly to any solid surface. Please follow the steps below to install the GLIDER-SM Exit:

- Open the fitting by disengaging the 2 clips on either side of the blade Mounting Base cover.
- Locate the mounting surface.
- Drill holes in the Mounting Base cover to suit the mounting method, Ceiling or Wall (see images).
- Use the drilled holes on Mounting Base to mark-out and drill mounting holes for Ceiling or Wall.
- Open the Mounting Base Terminal Block Protect Cover and drill power entry hole as required.
- Mount the fitting using appropriate fixings and route the power supply cable through entry hole.
- Terminate Mains supply wires to the terminal block according to the marked designation (**N**, **L**, **E**).
- Close the Terminal Block Protect Cover and reinstall the blade assembly to the Mounting Base. Make sure both Clips on either side are completely engaged.
- Apply power to the fitting and test.

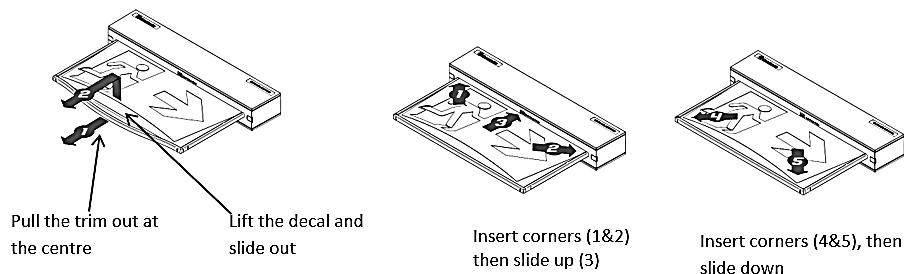
If flexible wiring is connected to this luminaire and is within arms reach, the wiring shall be effectively fixed to the wall to reduce the risk of strangulation.



Changing Exit Legend Inserts:

The Exit comes with an assortment of standard legends.

1. To remove the legend, grasp the centre of the bottom trim piece and pull down slightly to expose the legend edge. See photo.
2. Grasp the bottom edge of the legend and slide the existing legend out of the blade, while working the edges out along the sides.
3. Slide the new legend into the blade, ensuring to fit the edges into the sides then slide the legend to the top of the blade. Insert one bottom corner then the other. Slide the legend down into the bottom trim.



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).

Battery Replacement:

- Use only the battery recommended on the label inside the Exit and on this instruction.
- Prior to any work, isolate the power to the luminaire that requires battery replacement.
- Release the exit assembly from the Base bracket by disengaging the 2 locking clips on either side.
- The battery is located in the top of the fitting.
- Unplug the battery from the PCA connector and remove it from the holder.
- Insert the new battery into the holder, route the DC cable to the PCA and plug the new battery into the connector.
- Reinstall the Exit back to the Base bracket making sure that both Clips are completely engaged.

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.