

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 (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

Exits with part numbers containing -DALI are fitted with DALI modules (nodes) that facilitate connection and integration to 3rd Party Lighting Control Systems. Before installing the -DALI Exit please confirm that the Lighting Control System has the capability to monitor DALI Emergency Luminaires. The -DALI Exit 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”	Fitting goes into emerg ency mode for 10 seconds

A 2-way “figure 8” cable and terminal block facilitates the connection to the DALI network. DALI connections are marked as Da Da.




GIGANTOR 80 METER LED EXIT

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.

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Models: CGELED-80-WM-xx-yy-zz

Testing:	Options:		
Manual Test	xx = Blank	Black Colour	zz=BLK
Zoneworks	xx = ZW		
Z/W DATA	xx = DATA		
DALI	xx = DALI		
HIVE	xx = HV/HVG		
Clevertest	xx = CT		
		Running Man	yy=R
		Running Man Left Arrow	yy=RL
		Running Man Right Arrow	yy=RR
		Exit Sign	yy=E
		Exit Sign with Left Arrow	yy=EL
		Exit Sign with Right Arrow	yy=ER

(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:

AUM02370180001	Replacement Emergency Driver (CCPLED-38V120C-CKIT)
AUM02370050001	Replacement Emergency Driver (CLIFE-PRO-CKIT-NP)
AUM02970310001	Replacement Emergency Driver (-HVG CCPLED-38V120C-CKIT)
1330054	Replacement 240V Driver
1550230	Replacement Battery
1550290	Replacement Battery
8002690	Replacement Emergency LED Board
1100869	Replacement Emergency LED Board

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:

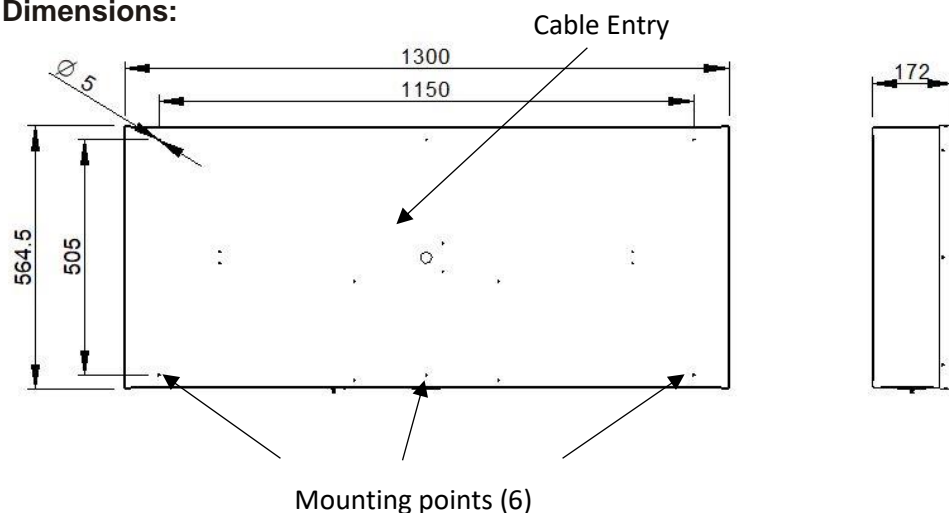
The LP Gigantor LED 80 Meter Exit (CGELED) is a surface mount fitting. The CGELED can be attached directly to any solid surface. Please follow the steps below to install the CGELED Exit:

- Remove one of the end plates from the fitting.
- Remove the legend from the fitting.
- Disconnect and remove the gear tray.
- Locate the mounting position. Refer to the image below.
- Mark-out the six (6) M5 mounting holes.
- Mark-out the cable entry hole.
- Attach the fitting to the surface with appropriate fixings.
- Reinstall the gear tray.
- Connect power to the gear tray.
- Apply power and test the fitting.
- 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.

Networking:

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

Dimensions:



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.

Maintenance:

Battery Replacement:

- Use only the battery recommended in the Spares List on this instruction.

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, (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/>