

Zoneworks, HIVE and DATA Monitored Options

Fittings with part numbers -ZW, -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, HVG, DATA | Commissioned | LED on Solid (Green) |
| ZW, DATA | Un-commissioned | Batt plugged-in: yellow 1s, green 1s |
| | | Batt unplugged: red 1s, off 1s |
| 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 |
| ZW, DATA | Emergency Light Test In Progress | LED flashes at yellow 5s , Off 1s |
| 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

Ultrablades 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 fitting 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 OR a 5/6way "structured wiring system" lead and plug facilitating the power and DALI connection. DALI connections are marked as Da Da.

Clevertest and 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.



L10™ Supalite LED Emergency Luminaire 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: LFLLED-xx-yy

Testing:

Manual Test xx = Blank
Zoneworks xx = ZW
Z/W DATA xx = DATA
DALI Registered xx = DALI 
Hive xx = HVG

Testing:

Black yy = BLK

Spare Parts:

1530230
1100955
1100954
8003143
1100956
1100957

BATT: L10 3.3V 5000mAh.200mm lead.Brkt.
LED Flood LampHeadAss,Cable&Cnnctr,Right
LED Flood Lamp HeadAss,Cable&Cnnctr,Left
PCA:LFLLED UK CT10142-L9 CTP UK
Black Left LED Lamp Head Ass, Cable & Connector
Black Right LED Lamp Head Ass, Cable & Connector

Important:

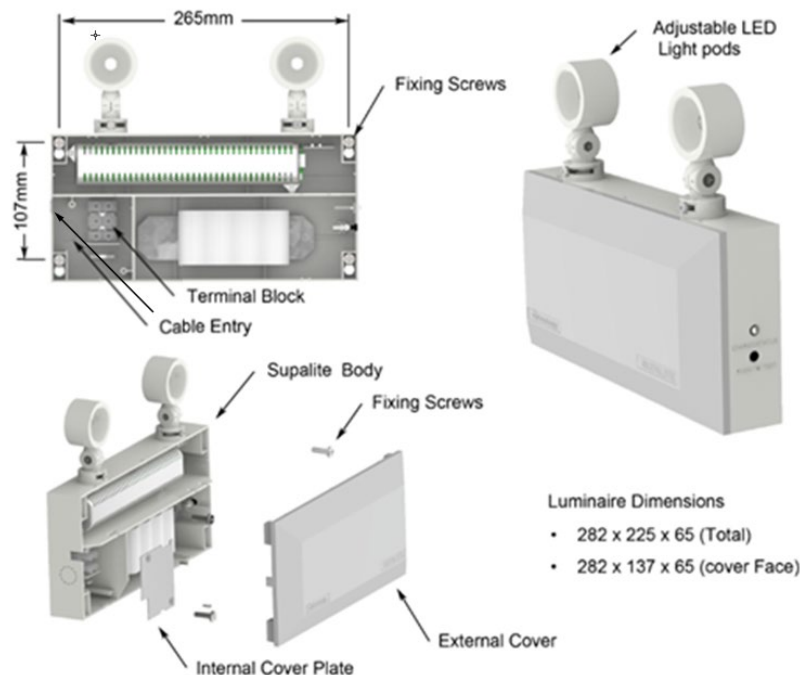
It is illegal for anyone, except for a licensed electrician to install or maintain this product. Before installation, ensure that the electricity supply has been switched off and isolated. Installation must be carried out in accordance with the relevant British Standards.

Installation:

This LFLLED Surface Mount Non-maintained Emergency can be installed on PLASTER or solid block walls.

- Take off the front external cover by inserting a flat blade screwdriver into the slots along the bottom edge of the fitting.
- Mark the mounting hole positions on the wall and drill fixing holes.
- Using the appropriate fixing hardware for the wall surface to then fix the LFLLED to the wall
- Terminate the 240V, 50Hz supply to the terminals marked L, N & \oplus . The cable entry can be through the back of the unit or from the side as shown in the image below. Install the internal cover plate over the top of the terminal block.
- Re-install the External Front Cover by pushing it back into place until it clicks in top and bottom.
- Adjust the LED heads into position. Two screws are provided for each head to move them into position. The front screw adjusts the L/R position (roll) and the side screw adjusts the U/D (tilt) position. There is a standard positioning marker on the body representing a 30° roll out and 30° tilt down – this is the position that provides the maximum square area coverage when wall mounted at 3m.
- This luminaire contains non-user replaceable light source and battery.
- If the CTP capabilities are activated, please affix the CTP Status Label to a visible surface and add F to the marking label to indicate ADF.

Images and Dimensions:



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.

Battery Replacement:

1. Prior to any work, isolate the power to the luminaire that requires battery replacement
2. Open the external cover by unclipping carefully using screw driver in slots.
3. Remove the Battery Connector from the Emergency Driver.
4. Remove the battery from the base by removing mounting screws.
5. Replace battery, re-install screws and connector to Emergency Driver.
6. Reinstall the external cover.

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).

Below are a list of common problems and their possible causes:

Fault: The Green LED 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/>