Zoneworks and DATA Monitored Options

Supalites with part numbers –ZW and -DATA are fitted with Zoneworks communications modules (nodes).These fittings are monitored using either Powerline Carrier Technology that utilising the power cable to provide data communication 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 Supalites can be commissioned by a single push of the test switch or scanning of the supplied barcode. The LED Test Switch indicator provides a multifunction indication of the status of the 'Supalite during testing and normal operation:

State	LED Operation
Commissioned	LED on Solid (GREEN)
Un-commissioned	LED flashes at 0.5Hz (0.5s GREEN, 0.5s Yellow)
Emergency Light Test In Progress	LED flashes at 3s On (Yellow) & 0.5s Off

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

Supalites with part numbers -DALI are fitted with DALI modules (nodes) that facilitate connection and integration to 3rd Party Lighting Control Systems. Before installing the -DALI Supalite, please confirm that the Lighting Control System has the capability to monitor DALI Emergency Luminaires. The Supalite 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 emergency mode for 10 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.

CLP LITHIUM IRON PHOSPHATE
PREMIUM
PROVEN PROJECT PERFORMANCE

Clevertronics
Emergency Lighting Innovation

CLP™ Supalite LED Emergency Luminaire

Installation & Maintenance Instruction Leaflet

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Models: CFLLED-xx-yy

Testing:		Testing:	
Manual Test	xx = Blank	Black	yy = BLK
Zoneworks	xx = ZW		
Z/W DATA	xx = DATA		
DALI Comp.	xx = DALI		

Spare Parts:

1550230	BATT: LP 3.2V 6400mAh.200mm lead.Brkt.
1100955	LED Flood LampHeadAss,Cable&Cnnctr,Right
1100954	LED Flood Lamp HeadAss,Cable&Cnnctr,Left
8002919	PCA:CFLLED UK CT10142-L8 Non CTP
1100956	Black Left LED Lamp Head Ass, Cable & Connector
1100957	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 CFLLED Surface Mount Non-maintained Emergency can be installed on PLASTER or solid block walls.

1. Take off the front external cover by inserting a flat blade screw driver into the slots along the bottom edge of the fitting.
2. Mark the mounting hole positions on the wall and drill fixing holes.
3. Using the appropriate fixing hardware for the wall surface to then fix the CFLLED to the wall
4. Terminate the 240V, 50Hz supply to the terminals marked A, N & E. 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.
5. Re-install the External Front Cover by pushing it back into place until it clicks in top and bottom.
6. 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.
7. This luminaire contains non-user replaceable light source and battery.

Networking:

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

Images and Dimensions:

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.

Luminaire Classification:

X	0	ADF	180

Caution:

On many building sites, power circuits may be cut off in an uncontrolled and repetitive basis during construction. As a result, any Supalite units, on these circuits, will have their batteries discharged or “cycled”. The Li-ion battery in the Supalite 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.com.au/warranty-statement/