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 utilises 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 by 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.

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 Weatherproof 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.

CE IP65

Australia (Head Office)
195 Chesterville Rd
Moorabbin VIC 3189
Phone: +61 3 9559 2700
E-Mail: support@clevertronics.com.au

UK OFFICE
362 Stockley Close
West Drayton UB7 9BL
Phone: 01895 430 255

Models: LWFLED-xx-yy

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

(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:

1530260	BATT: L10 6.6V 2.5Ah.200mm lead.SBS.Brkt
1100550	WP Led Head, c/w Led's & Loom
UKM01370100001	LED Power Pack, 17V 300mA, IP Loom, L10

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.

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Installation:

The Weatherproof Supalite (LWFLED) is Wall Mounted. The LWFLED is housed in a weatherproof enclosure. The enclosure base is attached to the wall using screws installed through the 4 isolated holes. Please follow the steps below to install the product:

- Remove the enclosure cover.
- Remove the gear tray.
- Determine power entry.
- Drill power access (240VAC supply) hole in the box base to suit cable gland, conduit or entry method being used.
- Position the box base in the mounting position.
- Mark the 4 holes for mounting. Install the base using appropriate fixings (not supplied).
- Route the 240VAC supply cable through the entry hole.
- Seal the 240VAC supply cable entry hole appropriately using a suitable compound such as silicone.
- Connect the 240VAC supply to the terminal block on the gear tray.
- Reinstall the gear tray.
- Reinstall the enclosure cover.
- This product contains a non-user replaceable light source and battery.
- If the CTP capabilities are activated, please affix the CTP Status Label to a visible surface.

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.

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.co.uk/product-warranty-statement/