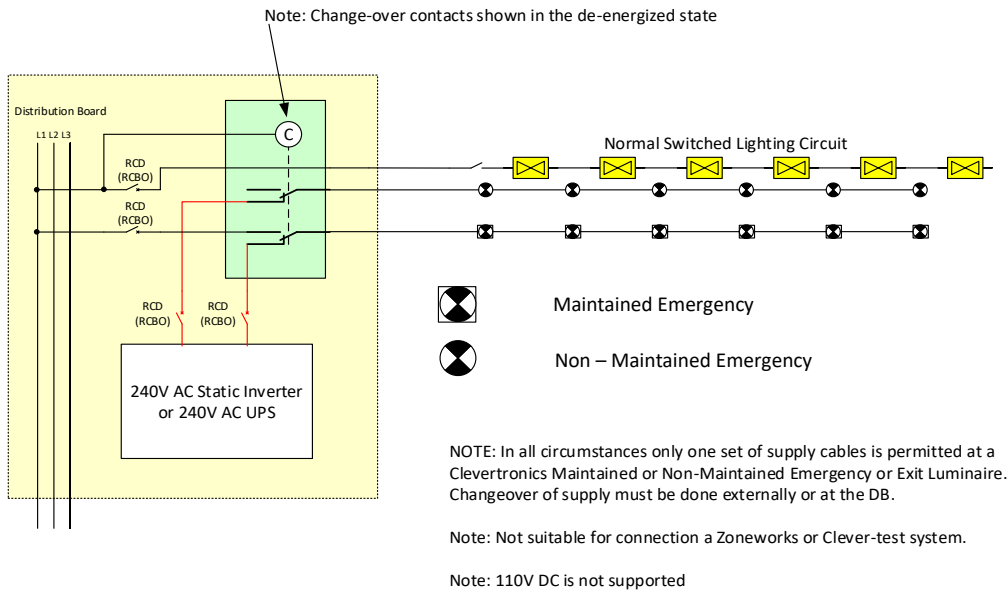


UPS Wiring and Connecting arrangements

240V AC, Static Inverter and UPS Applications



DALI EM Option

Luminaires 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 luminaire, 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. DALI connections are marked as Da Da.

To confirm operation of the fitting the Lighting Control System can only use the status query type command. To “test” the EXIT signs this status query will need to be synchronised with the formal test of the UPS from its battery source. The EXIT sign will report a fault if the LED lamp bar is not illuminated.

DO NOT run a Function Test or Duration Test. If either of these is run the fitting will go into test mode and the fitting will switch off as it will be internally disconnected from main power and there is no battery so the LED lamp bar won't run – the unit will report a failed test. This condition cannot be rectified, and the fitting will report this forever as it can never pass a test of this type.

L10™ LIFELIGHT PRO-UPS

Recessed UPS Operated Emergency Installation & Maintenance Instruction Leaflet



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Designed in Australia to comply with the requirements of AS2293.3: 2005 and AS/NZS CISPR15: 2017

Models: LLIFEz-PRO-xx-yy-UPS

Testing:

xx = Blank
DALI Compatible xx = DALI

Options:

Square Head yy = SQ
Maintained z = M
Non-Maintained z = Blank

Spare Parts:

1100868 Lifelight Pro Head Assbly,Rnd,Large+Ring, LT,Gen 2
1100847 Lifelight Pro Head Assembly, Square, Gen 2 (SQ head)
1100871 Lifelight Pro Head Assbly,Rnd,Lge+Ring,LT,Gen2,Blk
AUM01670010001 LLIFEM-PRO-CKIT-UPS - Lifelight Pro,Control Only, MNT, UPS, OWC

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:

This LLIFEz-PRO-xx-yy-UPS Recessed Emergency can be installed on PLASTER or T-BAR ceilings or used to replace an existing unit.

- First plan the assembly layout.
- Refer Images and Dimensions below for the Cut-out Hole and other dimensions.
- Use the Spring Clip Mount to mount the Head to the ceiling.
- Please ensure the control pack is suspended above the ceiling. If the control pack is to be mounted or placed on top of the ceiling, then please ensure the ceiling is capable of supporting these elements and in compliance with the relevant regulations with respect to mounting above/on the ceiling.

Upgrading a LLIFEz-PRO to DALI EM:

All L10 Lifelight PRO Emergency Luminaires (LLIFE-PRO) can be upgraded to DALI. When upgrading simply insert the DALI node board.

Dimensions:

SQUARE HEAD

Head depth: 40mm including connector

Head: 60mm x 60mm

Control gear: 232mm (L) x 40mm (W) x 40mm (H)



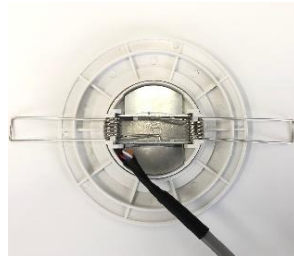
Head depth: 40mm including connector

Head Diameter: 60mm diameter (with adaptor ring 95mm)

Cut-out Hole: 51mm diameter (with adaptor ring up to 85mm)

Control gear: 232mm (L) x 40mm (W) x 40mm (H)

Battery pack: 160mm (L) x 47mm (W) x 25mm (H), Note: 4HR version 200mm(L) x 60mm(W) x 25mm(H).



LED Head with Adapter Ring

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 lamp must remain illuminated for at least 2 hours after disconnection from the mains supply with the UPS running from the battery.
- 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.

Trouble Shooting:

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

Fault: The Status LED indicator and main lamp is not illuminated.

Check: A.C. is connected and is turned on.
Test Switch for damage.

Fault: Lamp does not illuminate in emergency mode.

Check: A.C. is connected.
Lamp is correctly inserted.
UPS battery condition

Rated Emergency Lumen Output in accordance with AS2293.1, not applicable for –TH (theatre) version (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/>