



L10™ Jumbo LED Exit UPS

Installation & Maintenance Instruction Leaflet



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

Models: LJELED-40-xx-yy-zz-UPS

Testing:

Manual Test xx = Blank
DALI Compatible xx = DALI

Options:

Black zz = BLK
Custom Option yy = SP

Spare Parts:

8002470 PCA: Duris E5 Strip for LJELED.CT10050-D1
AUM01370110001 LJELED-40-CKIT-110-UPS, Jumbo LED Exit, Control Kit, 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:

The Jumbo LED Exit can be Wall or Ceiling Mounted:

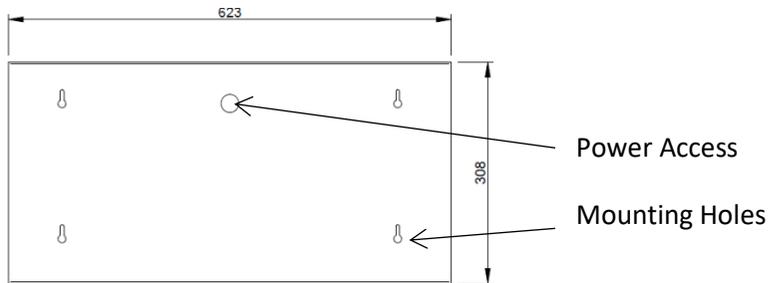
Wall Mounting (single sided)

- Remove one of the corner trim pieces
- Remove the back mounting plate.
- Determine power entry
- Position the mounting plate in the mounting position.
- Mark the 4 holes for mounting. Then install the appropriate fixings (not supplied).
- Reinstall the mounting plate to the fitting.
- Install the fitting on the mounting hardware, while routing the power cable through the access hole.
- Ensure connection of the grounding strap between the fitting and the back plate.
- Connect the 240VAC supply to the terminal block.

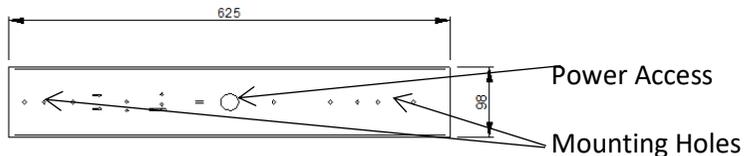
Ceiling Mounting (single or double sided)

- Remove one of the corner trim panels.
- Remove the diffuser panel.
- If converting to double-sided, remove the earth strap from the back plate before removing it.
- Determine power entry
- Position the fitting in the mounting position.
- Mark the mounting holes at the top of the fitting.
- Position the fitting while routing the power cable and attach to the surface as required.
- Connect the 240VAC supply to the terminal board.

Images and Dimensions:



Wall Mounting Plate



Ceiling Mounting Plate

Testing:

Once connected to the 240V UPS backup mains supply, ensure the UPS unit has been allowed to charge. 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:

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.

DALI EM Option

Exits 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"	Fitting goes into emergency 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.

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.

Rated Emergency Lumen Output in accordance with AS2293.1 (refer to spacing tables for installation positions):

For emergency classification refer to product technical label.

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/>