

24V DC Temporary Cleverfit LED Exit Installation & Maintenance Instruction Leaflet



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Models: TCFLED24V - 24V DC Temporary Cleverfit LED Exit

Spare Parts:

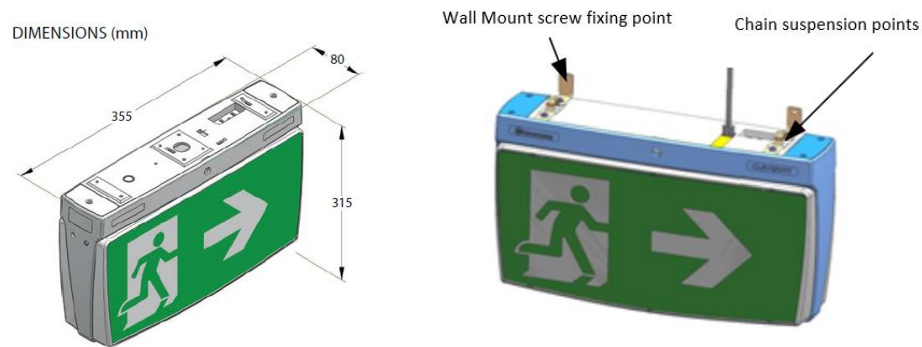
1550195 Battery , 3.2V 600mAh LiFePO

Installation:

The 24VDC Temporary Cleverfit LED Exit (TCFLED24V) can be installed either Chain Suspended or Wall Mounted utilizing the custom bracket installed on the fitting.

- Determine the appropriate mounting method to be used for the fitting.
- Install the fitting by either fixing to a wall surface by appropriate fixings or suspend by the use of chain.
- The fitting is supplied via 24V DC plug and cabling system. To connect the fitting into the cabling system plug the fitting into a TS24V-3 or TS24V-4 (3 or 4 way spider adaptor)
- Apply power and check operation of the fitting.

Dimensions:



Rated Emergency Lumen Output in accordance with AS2293.3:005

Refer to the Product Technical Label adhered to the fitting.

Testing:

Once connected to the 24V DC supply, the unit must be allowed to charge the battery for at least 24 hours. Conduct the following tests:

- For the first test, the emergency lamp must remain illuminated for at least 1 hour after disconnection from the mains supply.
- 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/NZS3012 (Amdt 1-2015) and AS/NZS2293.2 Standard.

Trouble Shooting:

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

Fault: The Red LED Test Switch indicator is not illuminated.

Check: 24VDC is connected and is turned on.
Battery is connected
Test Switch for damage.

Fault: LED does not illuminate in emergency mode.

Check: 24VDC is connected.
LED strip is correctly inserted.
Battery is connected

Fault: LED 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.

Fault: The main LED strip is not illuminated.

Check: 24VDC is connected and is turned on (check also that the switched DC supply is on).
Wiring connections between the LED driver and LED strip.

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/>