LEDone®

Date: _____ **Location**: _____

Product: _____**Project**: _____

Quantity: _____**Catalog #**: _____

LED LOC-EMDR Emergency Driver Series

FEATURES

- Listed to UL924
- Test to CSA C22.2 NO. 141 Field or factory installation
- High output voltage
- Low energy consumption CEC compliance
- Constant output power
- Self-testing
- Battery: over temperature protection
- Surge protection: Line-neutral 3KV
- Ambient Temp: Li-ion: 0°-50°C Mi-MH: 5°-65°C
- 5 year warranty

SELF-TESTING

- The emergency LED driver contains a control/ monitor circuit which will perform a 30-second discharge test once a month and a fully discharge test once a year. At this time, the unit will simulate an AC power failure and automatically switch to emergency mode. During routine testing, the unit will monitor the operation of the LED load, battery voltage and emergency duration. If the unit detects any problems, the indicator will flash quickly.

FUNCTION

- AC operation, indicator light will keep on.
- Emergency operation, indicator light will flash slowly (light on for 2 seconds, light off for 2 seconds).
- In a failure, indicator light will flash quickly (light on for 0.2 seconds, light off for 0.2 seconds).

CAUTION

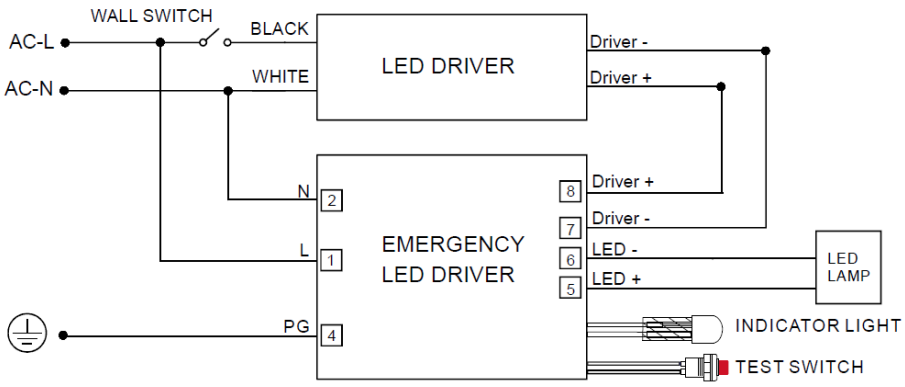
- Before doing a high-voltage insulation test, you must remove the battery pack first and make sure there is **not** any contact between the battery pack and the LED drivers.
- After testing, disconnect the unit connector of the battery pack first before shipping and storing.
- During storage, the battery pack will need 24 hours charge every 3 months.

MODEL NUMBER	INPUT VOLTAGE	INPUT CURRENT	INPUT POWER RATING	OUTPUT VOLTAGE	EMERGENCY POWER	RECHARGE TIME	DISCHARGE TIME
LOC-EMDR-15W-050	100-277Vac/347Vac, 50/60Hz	100mA max.	7W max.	25V-230Vdc	30W max.	24Hrs.	>1.5H

MEASUREMENTS

WIRING DIAGRAM 1

- This wiring diagram is suitable for LED lamps with power less than 120W and the output current of the lamp's driver does not exceed 3A.
- This wiring diagram can also work for LED lamps with power less than 250W and the output current of the lamp's driver does not exceed 5A.



WIRING DIAGRAM 2

- This wiring diagram is suitable for LED lamps with power less than 300W and turn off wall switch before testing.