# 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 Title 20 compliant
- Constant output power
- Self-testing
- Battery: Li-ion
- Battery: over temperature protection
- Ambient Temp: Li-ion: 0°-50°C (32°F-122°F)
- 5-year limited warranty



#### SELF-TESTING

 The emergency LED driver contains a control/ monitor circuit which will perform a 30second discharge test once a month and a full 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

- During AC operation, remember not to touch or remove and wires in case of electrical shock.
- During emergency operation, before touching and disconnecting the wires, remember to press the test button again to make the LED lamp and indicator light turn off to avoid electric shock.
- The voltage input to the dimmable wires (DIM+, DIM-) of emergency LED driver must be less than 20Vdc.
- Maximum suggested LED fixture wattage is

#### **TEST SWITCH**

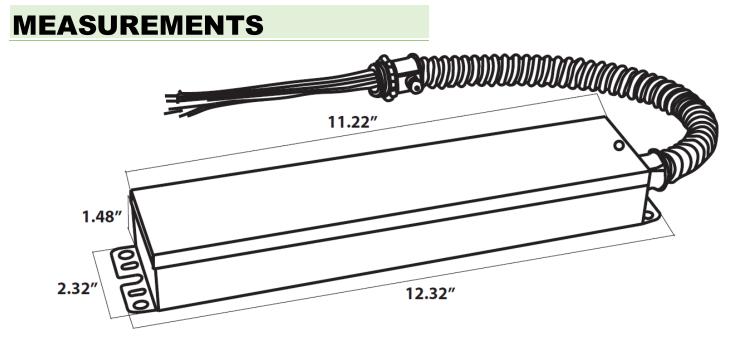
- In AC operation, press the test switch once to run the emergency power for 30 seconds.
- In AC operation, press the test twice within 3 seconds to make the battery full discharge.
- In emergency operation, press the test switch once. This will turn off both the emergency as well as the lamp and indicator light at the same time.

| MODEL NUMBER   | INPUT VOLTAGE       | INPUT<br>CURRENT | INPUT POWER<br>RATING | OUTPUT VOLTAGE | EMERGENCY<br>POWER | RECHARGE<br>TIME | DISCHARGE<br>TIME |
|----------------|---------------------|------------------|-----------------------|----------------|--------------------|------------------|-------------------|
| LOC-EMDR-25WHV | 100-347Vac, 50/60Hz | 200mA max.       | 12W max.              | 170Vdc         | 25W max.           | 24Hrs.           | 90 mins.          |
| LOC-EMDR-40WHV | 100-347Vac, 50/60Hz | 200mA max.       | 12W max.              | 170Vdc         | 40W max.           | 24Hrs.           | 90 mins.          |

## LED LOC-EMDR EMERGENCY DRIVER SERIES

| Series   | Туре             | Wattage |
|----------|------------------|---------|
| LOC-EMDR | Emergency Driver | 25W     |
|          |                  | 40W     |
|          |                  |         |

**LEDone**<sup>®</sup>



| MODEL          | QUANTITY | WEIGHT  | UPC CODE       |
|----------------|----------|---------|----------------|
| LOC-EMDR-25WHV | 1        | 2.65lbs | 00815586029891 |
| LOC-EMDR-40WHV | 1        | 2.65lbs | 00810050941488 |