

## FEATURES

- UL listed for factory and field installation
- Easy wiring: directly connect to AC INPUT OF LED Lights
- Universal Input voltage:120Vac, 50/60Hz
- Suitable for use in dry and Damp Location fixtures
- Includes 2-in 1 test switch and charge indicator light
- 5 years warranty
- RoHS Compliant
- Meets or exceeds all NEC, IBC, and Life Safety Code Emergency Lighting Requirements.



## CERTIFICATES



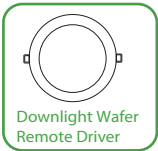
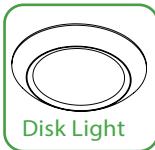
RoHS



HIGH VOLTAGE OUTPUT  
120V AC

## APPLICATIONS

For 15W 120V AC Input LED Downlight Fixtures  
Widely used for 120Vac input LED luminaries, like 120Vac disklights, DOB downlights, and other LED lights less than EM Power Output.

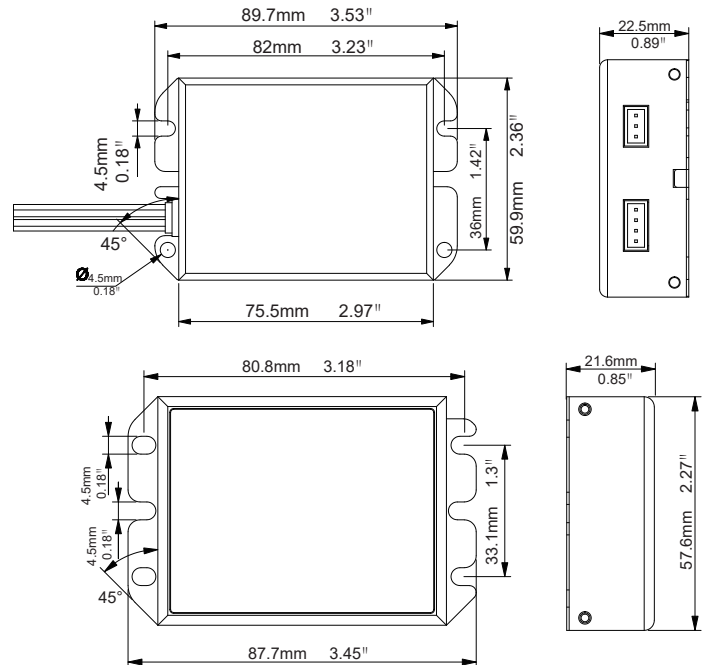


## SPECIFICATIONS

Input Voltage	120VAC,50/60Hz	Output Voltage	120V AC
Input Current(Max.)	100mA	Warranty	5 years
Input Power(Max.)	≤5W	Adaptive Power	9W/12W/15W
Emergency Time	90 minutes	Battery Type	Li-ion
Charging Time	24 hours	Ambient Temp	5°C~50°C (41°F~122°F)

## DIMENSION

Case:3.53"x2.36"x0.89"(mounting center 3.23")  
Battery Case:3.45"x2.27"x0.85"(mounting center 3.18")



## PRODUCT ADVANTAGES

### Easy wiring

Directly connect to AC Input of LED Fixtures. Saves Time and Money on the Jobsite

### CEC Title 20 Compliant

High efficiency performance meet CA Title 20 battery charge efficiency standards

### Constant Power Performance

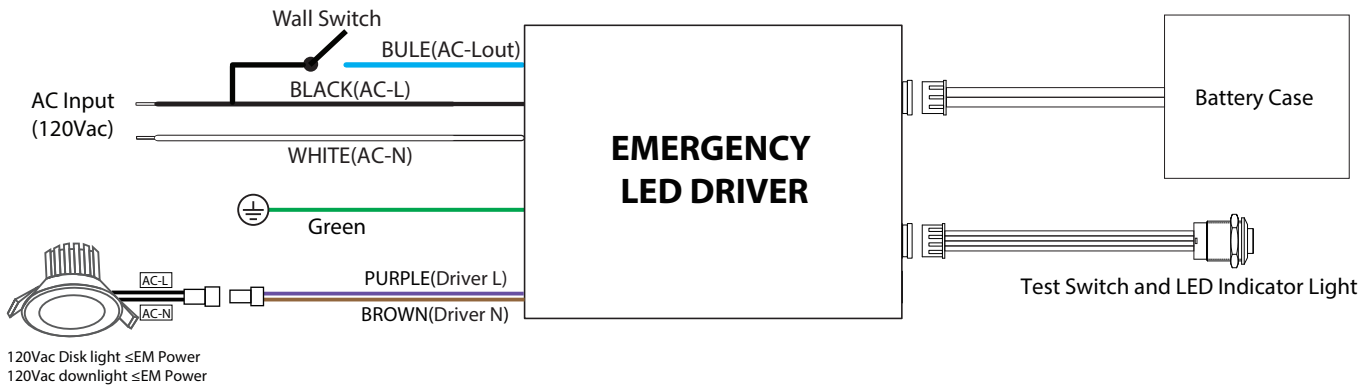
Constant wattage delivery maintains illumination level for the full emergency runtime with no degradation

### UL Listed for US and Canada

Listed to UL924 and tested to CSA 22.2, No. 141  
For Field or Factory Installation (Indoor and Damp)

**WIRING DIAGRAM**

Note: For LED luminaires power ≤ EM Power



**OPERATION**

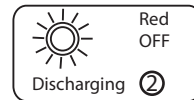
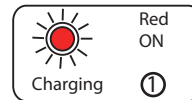
AC power is present. The AC driver operates the LED load as designed. The emergency driver is charging in a standby mode. The charging indicator will be lit, showing that the battery is charging.

**Emergency Operation:** When the AC power goes out, the emergency driver detects the AC power outage and automatically switches to emergency mode. When the RED LED light is OFF, that means the driver is discharging. When the AC power is restored, the emergency driver goes back to AC power and starts recharging.



**Indicator Light Introduction**

- ① RED /ON: Charging
- ② RED / OFF: Discharging



**IMPORTANT SAFEGUARDS**

When using electrical equipment, basic safety precautions should always be followed including the following

**PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS.**

**CAUTION: RISK OF SHOCK**-disconnect emergency and normal input power sources before servicing ASSEMBLY and FIELD INSTALLATION WIRING: AC power must be off before proceeding with assembly or installation of emergency driver.

**IMPORTANT:** An un-switched AC power source is required(120Vac). It is designed for fixtures listed for dry and damp locations

**IMPORTANT:** Customers are advised to charge emergency LED driver 24 hours every 6 months during storage.

**IMPORTANT:** Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility test before using and final installation.

**CAUTION:** Make sure all electrical connections conform to the National Electrical Code and all applicable local regulations.

**CAUTION:** This is a sealed unit. Components are not replaceable. Replace the entire LED Emergency Backup unit when necessary.

**CAUTION:** Equipment should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.

**CAUTION:** The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.

**CAUTION:** Use with grounded, UL Listed, dry or damp location rated fixtures. Case should also be grounded.

**CAUTION:** Battery is rechargeable Li-ion type and must be recycled or disposed of properly

**CAUTION:** Suitable for use in 5°C -50°C ambient temperatures

**CAUTION:** This product is for use in indoor fixtures only. Do NOT use near heated air handling outlets or hazardous locations..

Do not let power supply cords touch hot surfaces. Do not mount near gas or electric heaters. Do not use this equipment for other than its intended use. Failure to follow this may cause an unsafe condition and will void warranty. Servicing of this equipment should be performed by qualified personnel only.