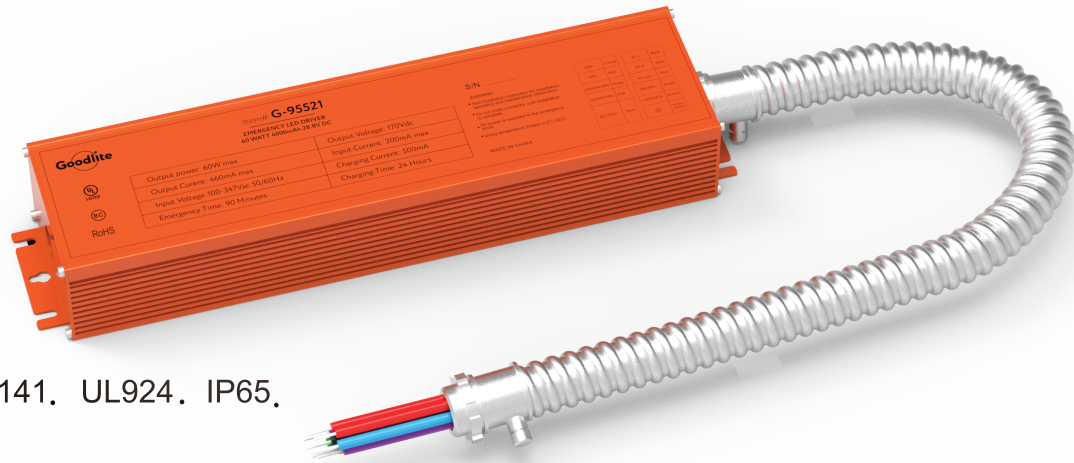




Item# **G-95521**

**EMERGENCY LED DRIVER
60 WATT 4000mAh 28.8V DC**



Features:

- Standard CSA C22.2 NO.141, UL924, IP65.
- Emergency power 60W
- Universal input (100-347VAC)
- Built-in Lithium Battery
- Battery protections: over charge protection, over discharge protection, short circuit protection
- The batteries meet 500 cycles of standard charge and discharge
- Silicone potted
- Waterproof Rate: IP65



RoHS

Specifications:

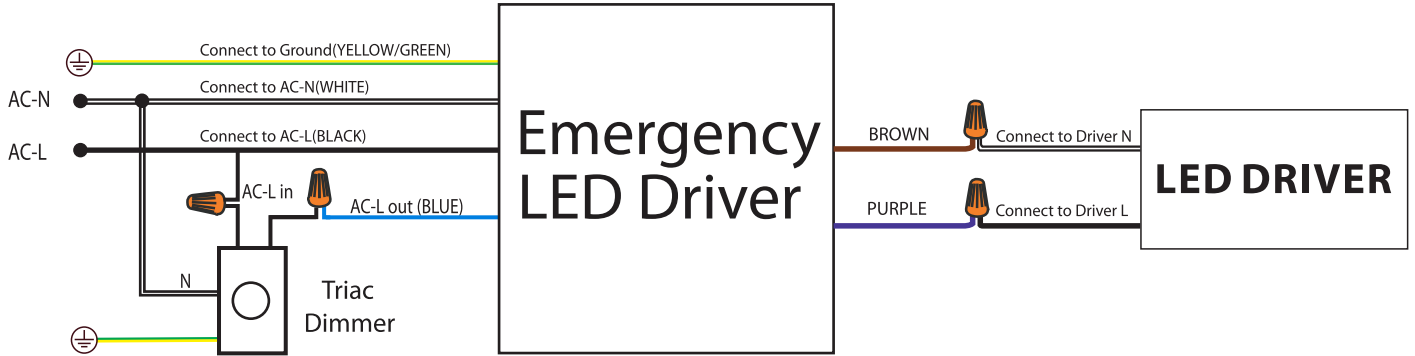
Universal Input Voltage
100-347AC, 50/60Hz
AC Input Current
200mA max
AC Input Power Rating
15W max
Emergency Time
90 Minutes
Full Warranty
5 Years
Output Voltage
170Vdc

Test Switch/Charging Indicator Light
Low Voltage, Illuminated Test Switch
Battery Charging Current
≤500mA
Recharge Time
≥24Hours
Temperature Rating (Ambient)
Li-ion 0°C to 50°C (32F to 122F)

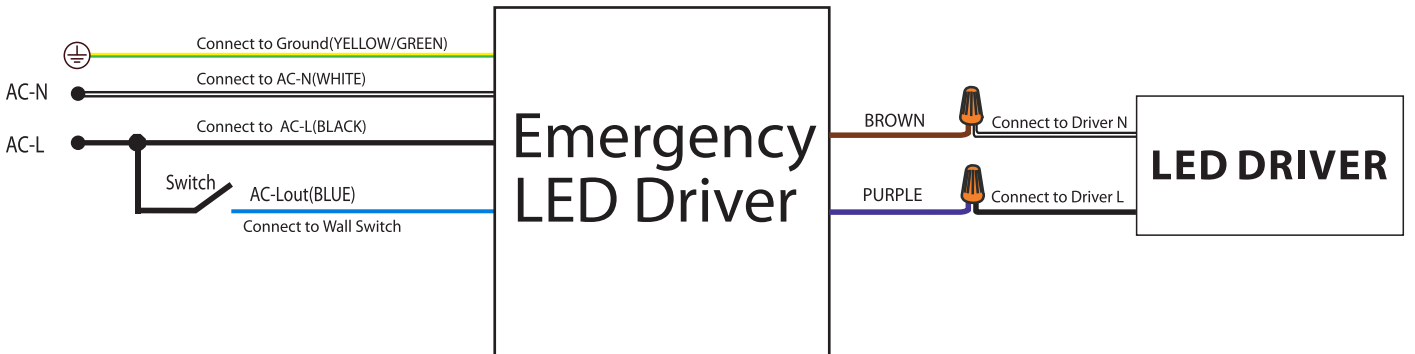
Output Power	60W
Battery Li-ion battery	4000mAh 28.8V

Wiring Diagram

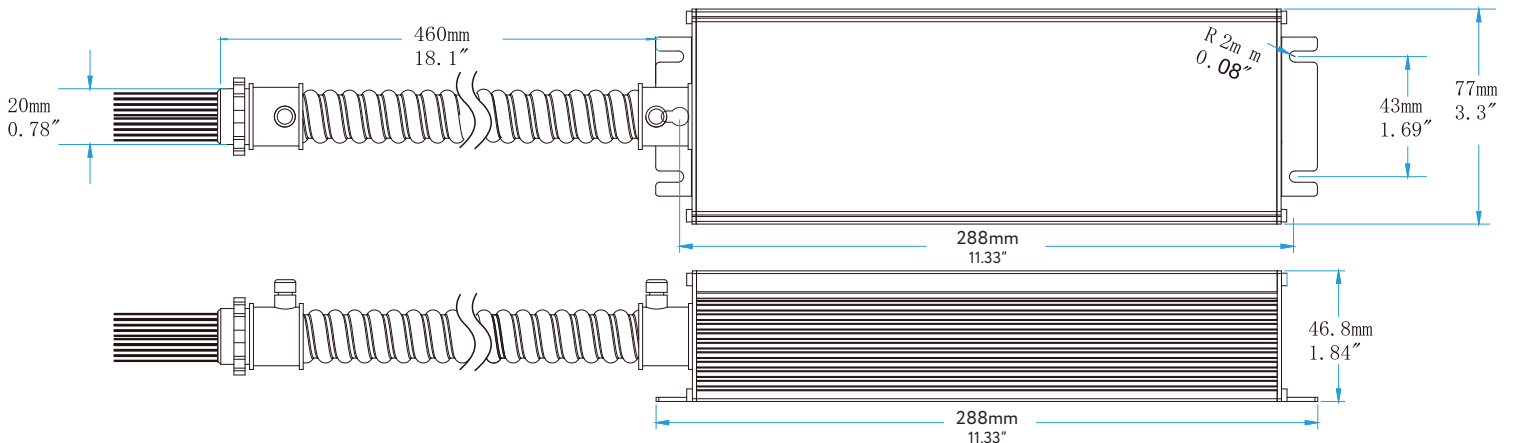
1. For triac dimmable LED luminaires (Power ≤ 60W)



2. For non dimmable LED luminaires (Power ≤ 60W)



Dimensions:



Operation

AC 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 the working emergency mode. The red LED light on indicates that it is discharging, the red LED flashes to indicate low battery power. The red LED light off indicates that the discharge is complete. When the AC power is restored, the emergency driver backs to AC power working and starts recharging.

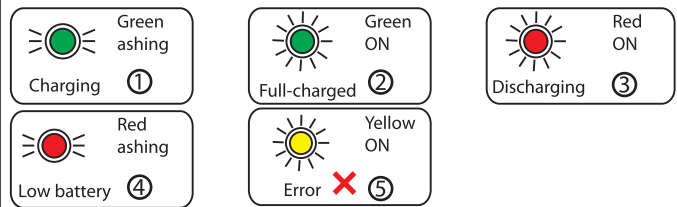
Malfunction Operation

When the emergency LED driver faults, the yellow LED on



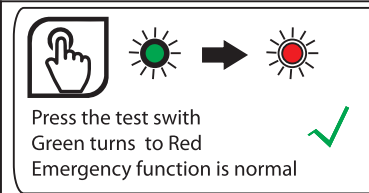
Indicator Light Introduction

- ① Green/Flashing: Charging
- ② Green/ON: Full-charged
- ③ Red/ON: Discharging (emergency mode)
- ④ Red/Flashing: Low battery
- ⑤ Yellow: Error



Test Switch Introduction

- ① Press the test switch to confirm whether emergency function is normal
- ② During Emergency Mode, Press test switch twice to cut off the emergency output and enter Shipping Mode



IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- CAUTION: RISK OF SHOCK**-disconnect emergency and normal input power sources before servicing
- ASSEMBLY and FIELD INSTALLATION WIRING: WARNING:** AC power must be off before proceeding with assembly or installation of emergency driver.
- IMPORTANT:** An un-switched AC power source is required (100-347Vac).
- IMPORTANT:** Customers are advised to charge emergency LED driver 24 hours every 6 months during storage.
- 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.