

**8W EMERGENCY LED DRIVER & BATTERY PACK
LR35133****IMPORTANT SAFEGUARDS**

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- **IMPORTANT:** Please charge the battery consistently for >24 hours for the first time usage so as to activate the whole battery cells of discharging/charging duration.
- **IMPORTANT:** Customers are advised to charge emergency LED drivers 24 hours every 6 months during storage, and which could be stocked for 1 year at most. If customers don't install and recharge for more than 1 year, the batteries may be damaged. This is not covered in the warranty, and we would charge for replacement.
- **IMPORTANT:** Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility test before using and final installation.
- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED emergency backup. Check for enclosed wiring and components.
- Risk of fire or electric shock. This LED emergency backup installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Before installing, make certain the AC power to the fixture is off.
- The electrical rating of this product is 100-347Vac. installer must confirm that there is 100-347Vac to the fixture before installation.
- To prevent electrical shock only mate unit connector after installation is complete and before the AC power to the fixture is back on.
- Do not use outdoors.
- This LED emergency backup unit requires an un-switched AC power source of 100-347Vac, 50/60Hz. The AC driver must be on the same branch circuit as the LED emergency backup unit.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Do not connect battery pack connector until all other wiring is complete and AC power is on.
- The emergency LED driver is for use with grounded, UL listed LED luminaires, shall be enclosed by the LED luminaire and bonded to the grounding of LED luminaire.
- Verify that all replacement lamp types marked on the installed luminaire are also identified as suitable for use with this emergency battery pack.
- The battery pack is fixed by the screw and the indicator light is installed on the surface of the luminaire.
- Equipment should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Use with grounded, UL Listed, dry or damp location rated fixtures.

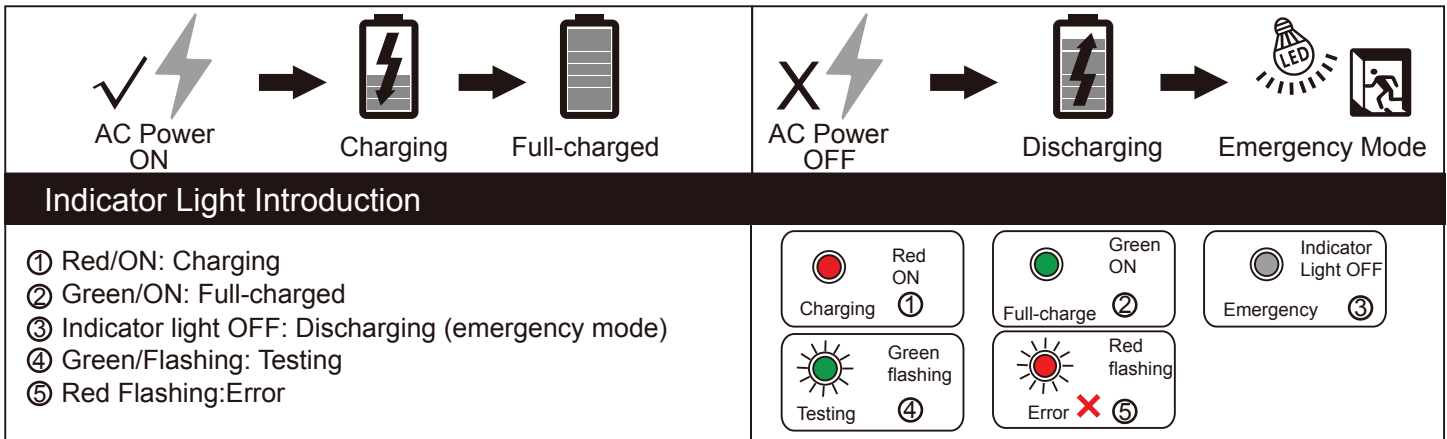


THIS PRODUCT CONTAINS A RECHARGEABLE LI-FEPO4 BATTERY.
THE BATTERY MUST BE RECYCLED OR DISPOSED OFF PROPERLY.

OPERATION

Normal Mode: AC power is present. The AC driver operates the LED load as designed. The emergency driver is in the standby charging mode. The indicator light will be lit providing a visual indication that the battery is being charged.

Emergency Mode: When AC power fails, the emergency driver automatically switches to emergency mode, operating the LEDs for a minimum of 90 minutes. When AC power is restored, the emergency driver switches the system back to the Normal Mode and resumes battery charging.

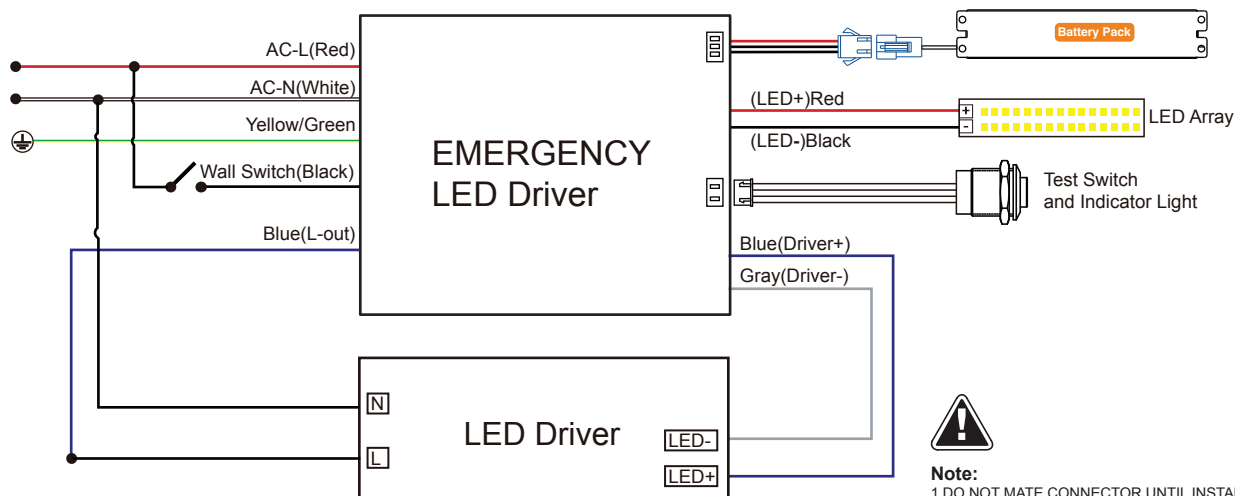


MANUAL TEST

- **Initial Testing** – Quick discharge test: Press the Test button 1 time to simulate emergency mode; LED load will light up for 5 seconds
- **Monthly** – 30 seconds test: Press the Test button 3 seconds continuously can conduct a monthly test; LED load will light up for 30 seconds.
- **Annually** – 90-minutes test: Press the Test button 6 seconds continuously can conduct an annual test; LED load will light up for 90 minutes.
- In emergency mode, press the test switch twice continuously to cut off the emergency output and enter transportation.
- **Note:** during any manual test, press and hold the Test Button/Test Switch for 1 second to terminate a manual test.

WIRING DIAGRAM

WARNING: DISCONNECT POWER BEFORE INSTALLING OR SERVICING



Note:
 1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
 2. TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.
 3. DURING EMERGENCY MODE, PRESS TEST SWITCH TWICE TO CUT OFF THE EMERGENCY OUTPUT FOR STORAGE AND SHIPMENT.