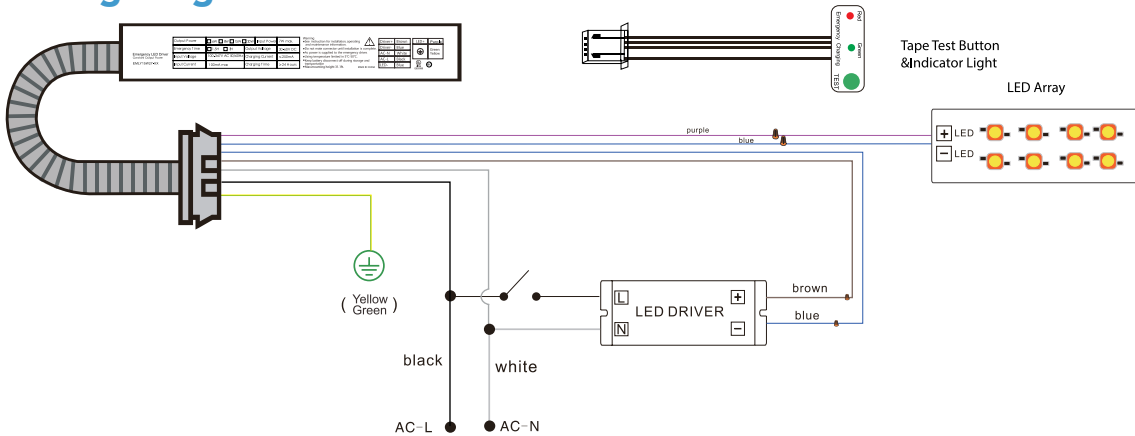


Features

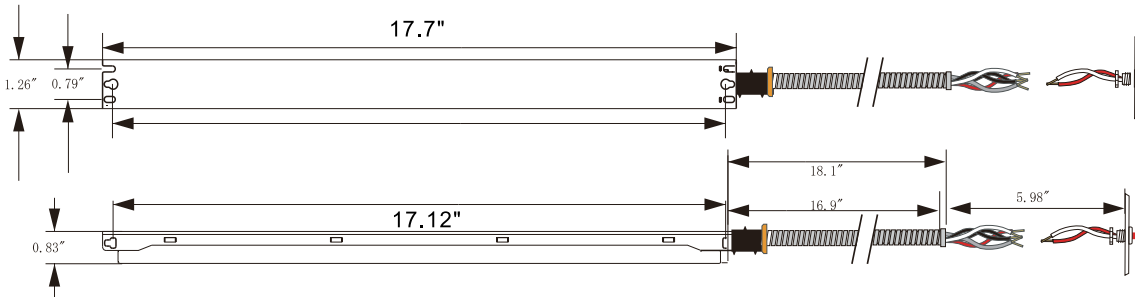
- Compact and easy to install.
- Meet most of safety standards for lighting.
- Built-in lithium battery.
- Battery protections: over charge protection, over discharge protection, short circuit protection.
- Indicator shows a variety working modes.
- Intelligent emergency automatic detection function.
- The batteries meet 500 cycles of standard charge and discharge.
- Constant output power (Auto-sensing output within each range).

Wiring Diagram



1. IN EMERGENCY MODE, DOUBLE-CLICK THE TEST SWITCH TO TURN OFF THE CURRENT EMERGENCY STATE.
2. TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.

Dimensions



Model List

Input Voltage	Output Voltage	Output Power	Efficiency	Input Current	Charge/Discharge/ Duration 24H/1.5H
100-347V AC 50/60Hz	30-60V DC	15W	>80%	≤100mA	C:with conduits W:with conduits



Operation

When AC power is present, AC LED driver powers the LED load.

Output current cannot exceed 150W or 4A at any time. The EMLY series emergency driver is charging in a standby mode when green LED light flashes indicating that it is charging.

The EMLY series emergency drivers non-flashing green LED light indicates that the battery is charged.

Emergency operation

When the AC power is absent, The EMLY series emergency detects the loss of AC power and automatically switches to the emergency mode.

Self-Testing

The EMLY series is UL listed and equipped with self-testing functionality.

Initial Self-test after installation

The EMLY series will perform a functional test for 3 seconds after installation.






The EMLY series will perform a second test 120 minutes after installation.

The Yellow indicator will be off or flicker in case of a failure or an error.




Monthly Self-Test

The EMLY series will automatically perform a test every 30 days for 3 seconds, diagnosing wiring, and battery output.

Indicator Light Introduction	
①	Green/flashing: Charging
②	Green/on: Full-charged
③	Red/on: Discharging (emergency mode)
④	Red/flashing: Discharging (emergency mode) finished soon
⑤	a: Yellow/on: Error (Test Plate) b: Red and green/flicker: Error (Skinny Test Button)

 Green Flashing ① Charging	 Green ON ② Full-charged	 Red ON ③ Discharging(emergency mode)
 Red Flashing ④ Discharging(emergency mode) finished soon	 Yellow ON ⑤ Error	

Test Switch Introduction	
①	Press the test switch to confirm whether the emergency function is normal
②	In emergency mode, double-click the test switch to turn off the current emergency state

  → 	Press the test switch Green turns Red Emergency function is normal ✓
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IMPORTANT SAFEGUARDS

Follow all required local and national safety precautions including the following.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- Risk of fire or electric shock, Installation requires knowledge of luminaire electrical systems.
- Luminaire wiring and electrical parts may become damaged during installation.
- Check all wiring and components.
- If unqualified, **do not attempt installation**, contact a qualified electrician.
- Before installing make certain that all power to the fixture is off.
- Installer must confirm that there is 100-347V AC to the fixture before installation.
- The EMLY series is rated for 100-347V AC.
- To prevent electrical shock only make join the connector after installation is complete and before the AC power to the fixture is



back on.

- The EMLY series LED emergency backup unit requires an un-switched AC power source of 100-347Vac ,50/60Hz.
- Do not mount near gas or electric heaters.
- Do not use outdoors.
- The EMLY series emergency LED driver is for use with UL Listed LED luminaires, shall be enclosed by the LED luminaire and bonded to the grounding of LED luminaire.
- The EMLY series should be mounted in locations(s) suitable for use with this emergency battery.
- The EMLY series should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for anything other than its intended use.
- Use with grounded, UL Listed , dry or damp location rated fixtures.