EMERGENCY LED DRIVER 15-30W
LR35123, LR35124

RoHS

FEATURES

- Standard CSA C22.2 NO. 141, UL924, IP65
- Selectable emergency power 15W 30W
- 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

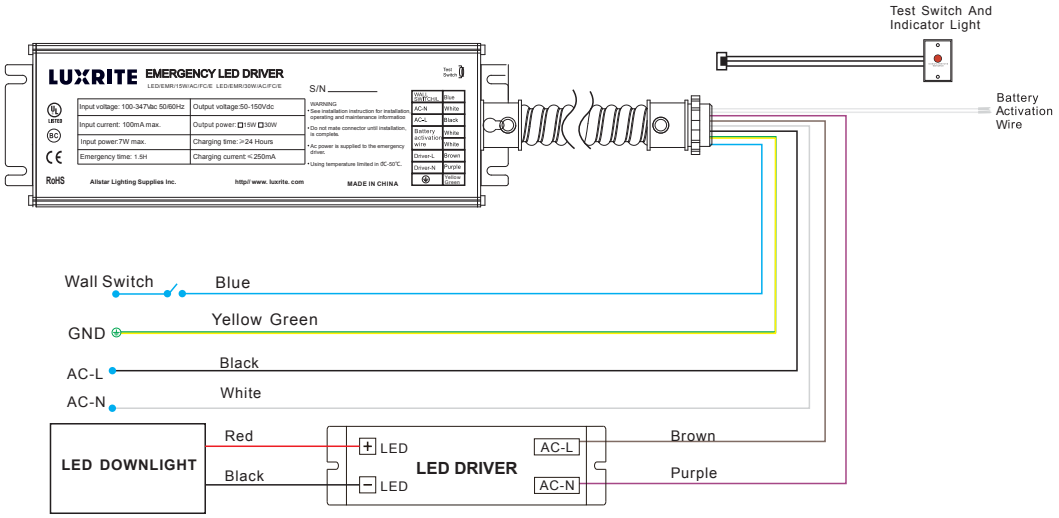
SPECIFICATIONS

Universal Input Voltage	100-347AC, 50/60Hz
AC Input Current	100mA max
AC Input Power Rating	7.0W max
Output VoltagE	50-150VDC
Emergency Time	⩾ 90 mins
Full Warranty	5 Years
Test Switch/ Charging Indicator Light	Low Volgate, Illuminated Test Switch
Battery Charging Current	250mA
Recharge Time	⩾ 24 Hours
Temperature Rating (Ambient)	32℉ to 122℉

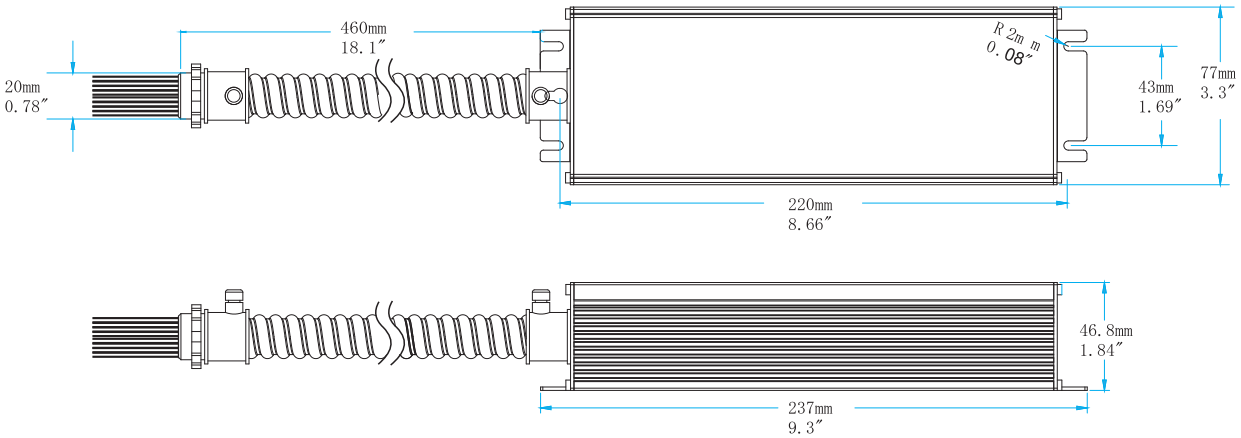
LED/EMR/15W/AC/FC/E **LED/EMR/30W/AC/FC/E**

OUTPUT POWER	15W	30W
BATTERY LI-ION BATTERY	14.8V/2000mAh	29.6V/2000mAh

WIRING



DIMENSIONS



IMPORTANT SAFEGUARDS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

• **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 luminaires 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 100-277VAC 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.
• This LED Emergency Backup unit requires an un-switched AC power source of 100-347VAC, 50/60Hz.
• Do not let power supply cords touch hot surfaces.
• Do not mount ner gas or electric heaters.

• **APPLICATIONS**
These emergency packs have been evaluated to and found compliant to UL 924. The emergency pack assembly is accepted as a component of a luminary where the suitability of the combination shall be determined by UL or Authorities Having Jurisdiction. The as-installed performance of the system must meet or exceed all Federal, State and Local code requirements.

• **OPERATION**
AC OPERATION – AC power is present. The emergency pack is charging in a standby mode. The test button 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 switch to the working emergency mode. The LED load is illuminated, for a minimum of 90 minutes. When AC power is resotred, the emergency pack switches back to normal mode and starts recharging.

• **TESTING PROCEDURES**
Press the test button, switch the system to emergency, and turn off the test light.
Release the test switch, switch the system to charging mode, and the test light is on.
For initial testing, allow the unit to charge approximately 1 hour, then conduct a short discharge test.
Allow a 24 hour charge before conducting a one hour test.
NFPA 101, Life Safety Code outlines the following schedule:
- Monthly: Assure that the test button light is illuminated. Conduct a 30 second discharge test by depressing the test button. The LED load should operate at reduced output.
- Anually: Assure that the test button is illuminated. Conduct a full 90 minute discharge test. The unit should operte as intended for the duration of the test.