



EPX8LV1 Emergency Pack – Read before starting installation!

WARNING! - Emergency Packs should be installed only by a qualified electrician. Please read the instructions before you install and use the emergency driver.

Risk of fire or electric shock. LED Emergency Pack installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

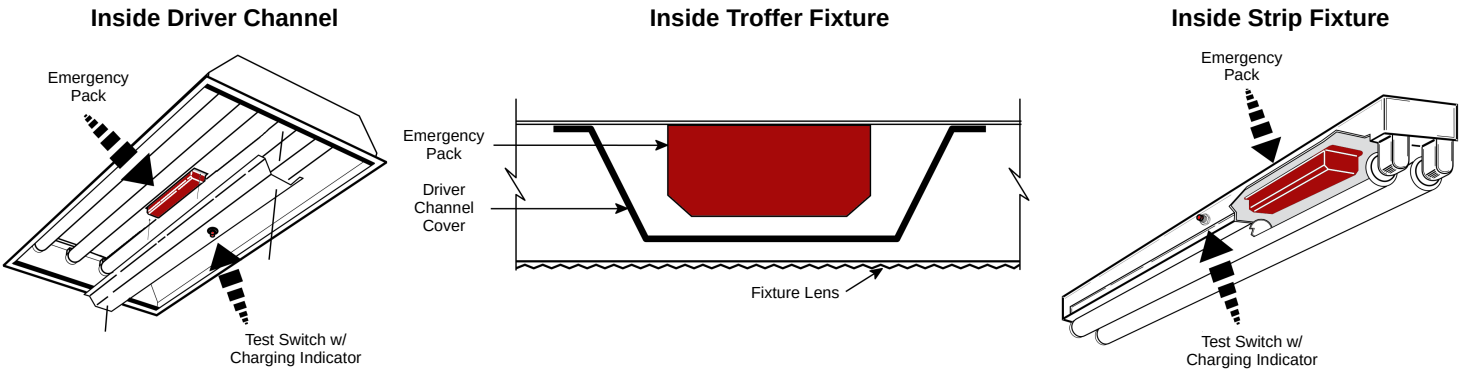
When using electrical equipment, basic safety precautions should always be followed.

- This is a sealed unit. Components are not replaceable. Replace the entire LED Emergency Pack when necessary.
- This LED Emergency Backup unit requires an unswitched AC power source of 120-277V, 50/60 Hz. The AC driver **MUST** be on the same branch circuit as the LED Emergency Pack.
- For use only with HXL X8 Touch-Safe tubes.
- Provides a constant power output of approx. 5 watts in emergency mode.
- Operates one lamp in the emergency mode for a minimum of 90 minutes.
- Emergency Packs are intended for permanent installation into UL Listed luminaires.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Install in accordance with the National Electrical Code and local regulations.
- Equipment should not be mounted in locations where it may be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than intended use.
- For use only with UL Listed fixtures with a grounded case.
- Suitable for use in Damp Rated fixtures.
- Do not use outdoors.

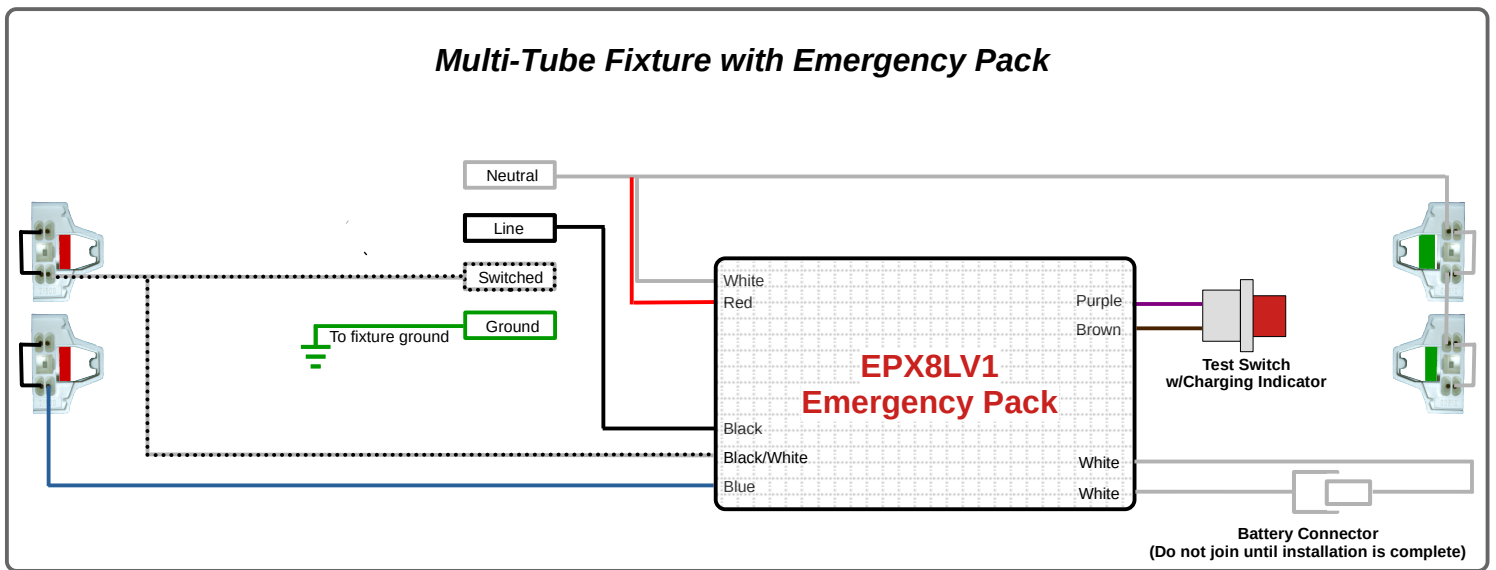
Follow industry standards by utilizing available .ies files and lighting design software for your dedicated emergency luminaires and validate your as-installed plans in accordance with the applicable life safety codes governing your project.

While these products are compliant with the requirements of UL Standard 924, it is ultimately the responsibility of the designer/ specifier to assure the as- installed system delivers code complaint path of egress illumination in accordance with federal, state or local municipal requirements.

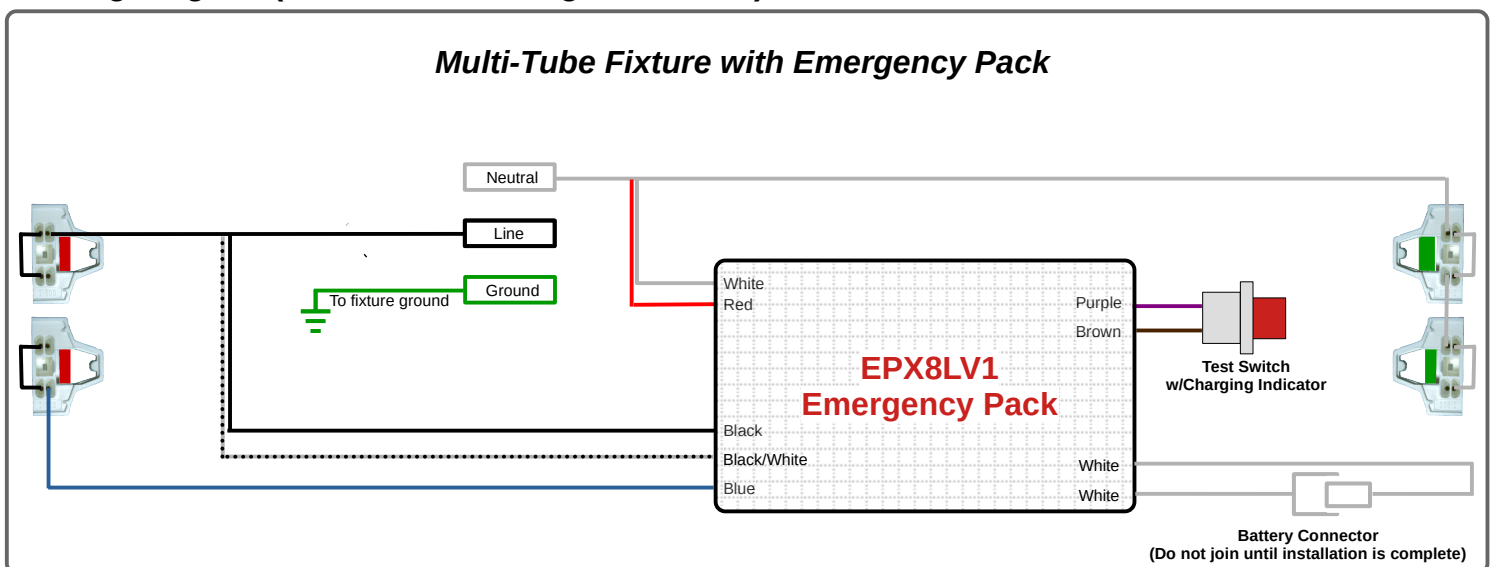
Installing the Emergency Pack



Wiring Diagram (Switched Voltage At Fixture)

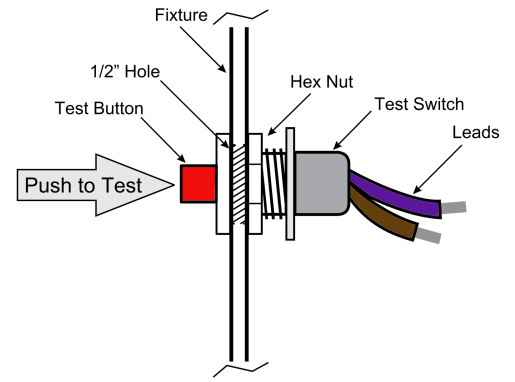


Wiring Diagram (No Switched Voltage At Fixture)



Installing the Test Switch w/Charging Indicator

Install the Test Switch w/Charging indicator through the driver channel cover of a troffer or through the side of a strip fixture. Drill a 1/2" hole and install the switch as shown. The switch must be installed so that the charging indicator is visible to the end-user.



The test button illuminates when the Emergency Pack is charging. When the test button is pressed one tube in the fixture will switch to battery power and stay illuminated at lower output. Turn power off at the breaker panel to simulate a blackout.

The Emergency Pack must be tested regularly in accordance with applicable codes and regulations.

Specifications

FOR USE WITH HXL X8™ LED DIRECT WIRE TUBES ONLY!

INPUT VOLTAGE: 120-277vac 50/60Hz

INPUT CURRENT: 100mA MAX.

INPUT POWER: 5.5W MAX.

CHARGE TIME: 24 HOURS MAX.

EMERGENCY RUN TIME: 90 MINUTES

AMBIENT TEMPERATURE: 0°C-50°C

OPEN CIRCUIT VOLTAGE: 200VDC

OUTPUT POWER: 5W

OUTPUT VDC: 40-100VDC

BATTERY VOLTAGE: 14.8V

RATED CAPACITY: 12.24 Wh

