

EMERGENCY PACK FOR HIGH BAY - 55696

INSTALL INSTRUCTIONS



PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read and follow the instructions before installation.

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

CAUTION

- Make sure all electrical connections conform to the National Electrical Code and all applicable local regulations. Proper case grounding is required for safety.
- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged if drilling for installation of LED Emergency Backup. Check for enclosed wiring and components. For use only with UL Listed and grounded fixtures.
- Risk of fire or electric shock. This 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.
- Do not handle energized fixture when hands are wet, when standing on wet or damp surfaces, or in water.
- The electrical rating of this product is 277-480VAC. Installer must confirm that there is 277-480VAC to the fixture before installation.
- This is a sealed unit. Components are not replaceable. Replace the entire LED Emergency Backup unit when necessary.
- Equipment should be mounted in locations and at heights where it cannot be subjected to tampering by unauthorized personnel.
- Suitable for use in damp locations and dry locations where the ambient temperature is 41° F minimum, 122°F maximum. (5°C ~ 50°C)
- Not for use in heated air outlets or hazardous locations.
- Do not use outdoors.
- 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.
- The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.
- Use with grounded, UL Listed, dry or damp location rated fixtures.

IMPORTANT

- Before installing, make certain the AC Power to the fixture is off to avoid electric shock.
- An un-switched AC power source of 277-480VAC is required.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- If unused and in storage, it is recommended to charge the battery for 24 hours every 6 months to prevent over-discharge.

NOTE: Indicator (LED light) illuminated indicates battery in charge mode when AC power is applied. It is recommended and required by applicable code to test emergency function to ensure proper operation of the system; push the test switch for thirty (30) seconds every 30 days to ensure the emergency pack is functioning as LED light source illuminated. Conduct a ninety (90) minute discharge test one (1) time per year; LED light source should be illuminated for a minimum of ninety (90) minutes.

TESTING SYSTEM: The emergency battery pack requires a charge minimum of one (1) hour before testing the circuit. A full charge and a 90-minute test requires twenty-four (24) hours of charging.



THIS PRODUCT CONTAINS A RECHARGEABLE LITHIUM BATTERY. THE BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.

Battery is rechargeable Li-ion type and must be recycled or disposed of properly. Do not use this emergency driver with accessory equipment other than recommended by the manufacturer. Failure to follow this may cause an unsafe condition and will void warranty. Servicing of this equipment should be performed by qualified personnel only.

SAVE THESE INSTRUCTIONS

⚠ WARNING DISCONNECT POWER BEFORE INSTALLING OR SERVICING.

OPERATION

AC Operation: AC power is present. The AC driver operates the LED load as designed. The emergency pack is charging in standby mode. The indicator light will flash GREEN when charging and remain lit solid GREEN when fully charged and in the standby mode.

Emergency Operation: When the AC power goes out, the emergency pack detects the AC power outage and automatically switches to 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 pack reverts to AC power working and starts recharging.

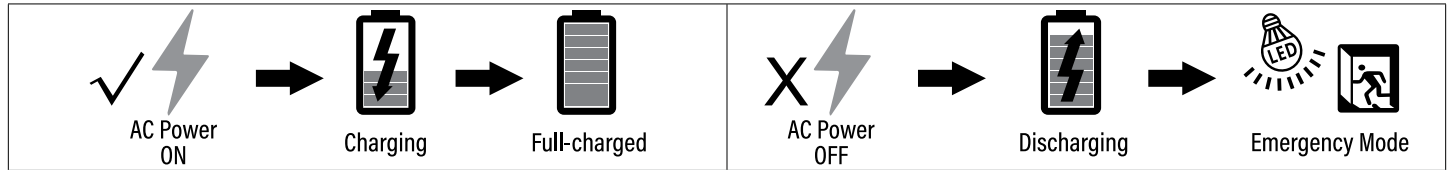
Malfunction Operation: When the emergency LED pack malfunctions, the yellow LED will remain on.

EMERGENCY PACK FOR HIGH BAY - 55696

INSTALL INSTRUCTIONS

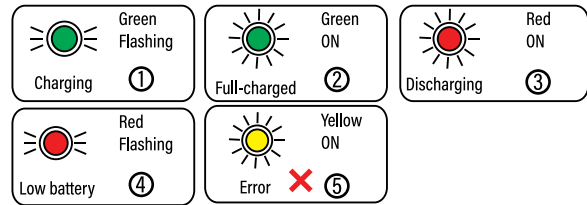


OPERATION



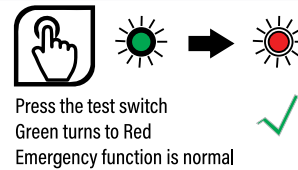
INDICATOR LIGHT KEY

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



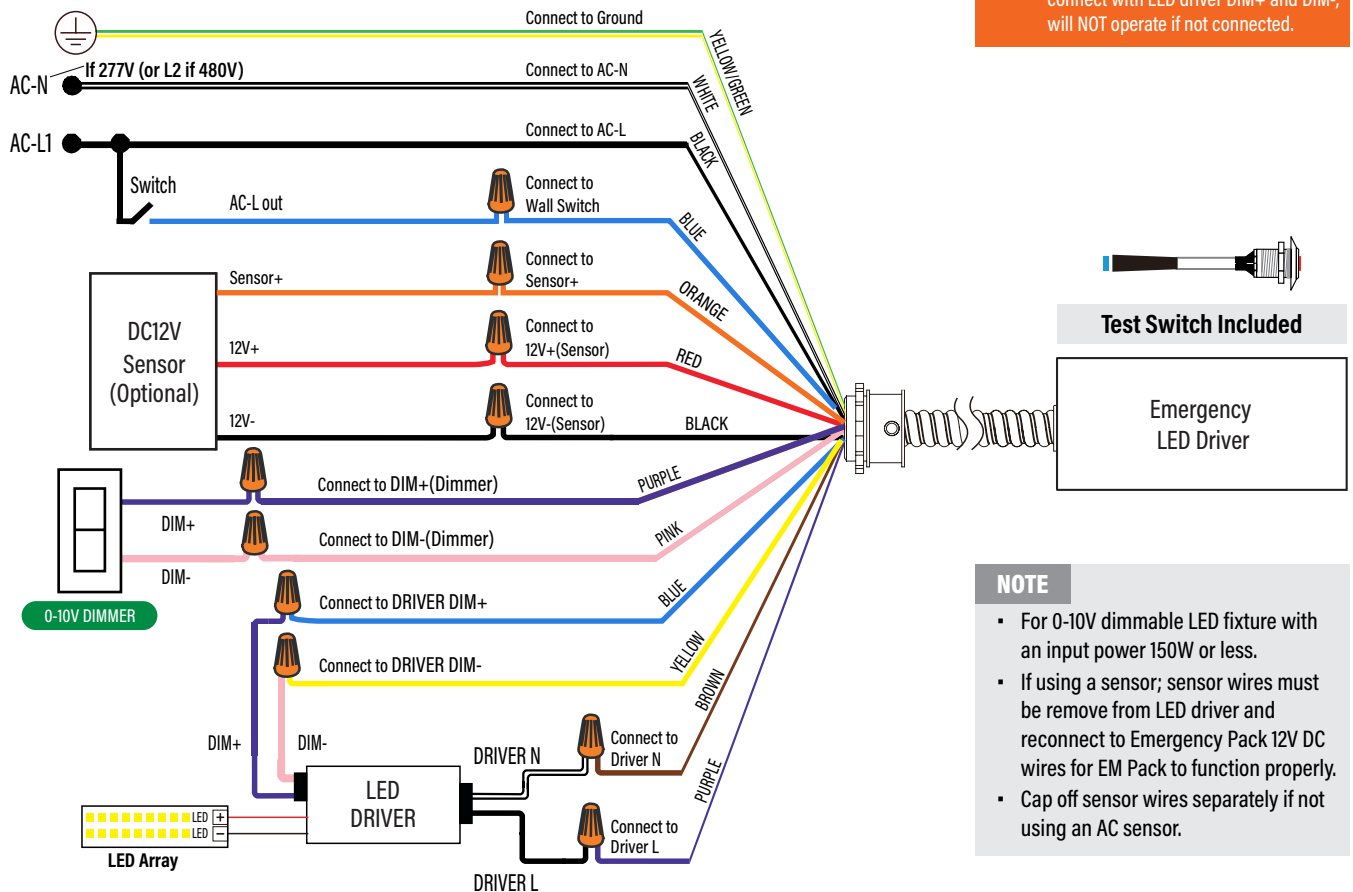
TEST SWITCH OPERATION

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.



WIRING DIAGRAMS

For LED Fixture with 0-10V LED Driver and using 0-10V Dimmer.



IMPORTANT Emergency Driver Dim+ (Blue), Driver Dim- (Yellow) has to connect with LED driver DIM+ and DIM-, will NOT operate if not connected.

NOTE

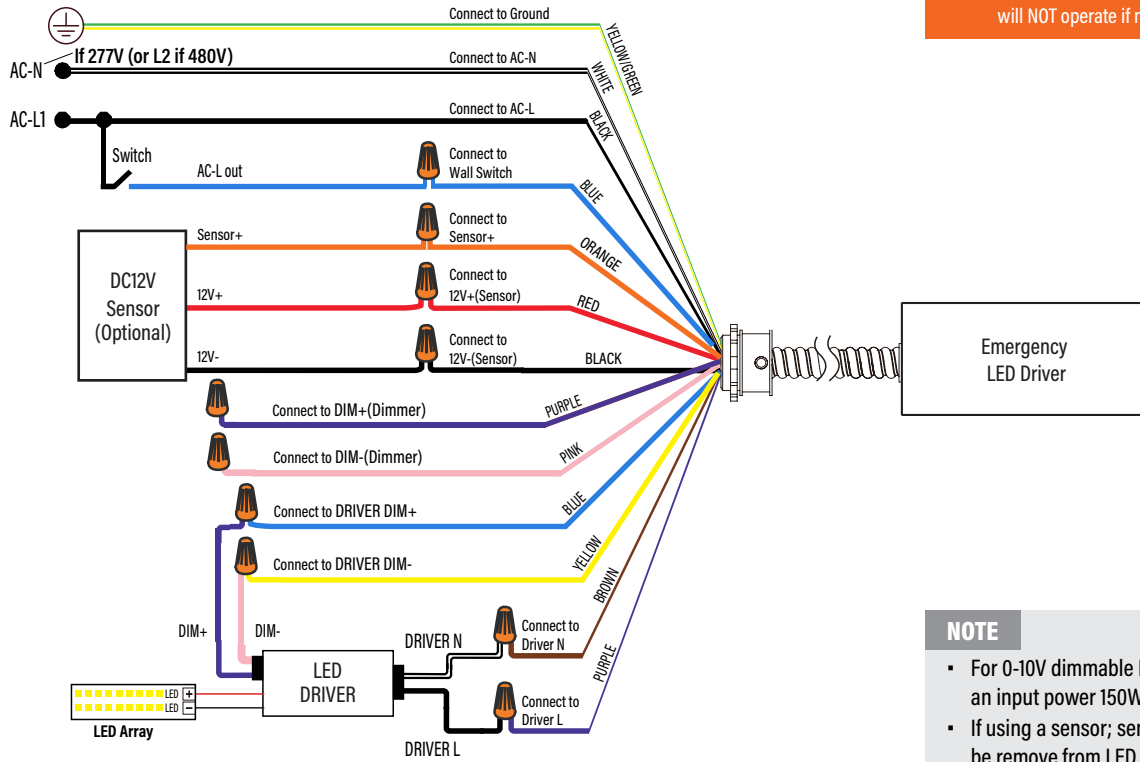
- For 0-10V dimmable LED fixture with an input power 150W or less.
- If using a sensor; sensor wires must be remove from LED driver and reconnect to Emergency Pack 12V DC wires for EM Pack to function properly.
- Cap off sensor wires separately if not using an AC sensor.

EMERGENCY PACK FOR HIGH BAY - 55696

INSTALL INSTRUCTIONS

WIRING DIAGRAMS

For LED Fixture with 0-10V LED Driver without using 0-10V Dimmer.



! IMPORTANT Emergency Driver Dim+ (Blue), Driver Dim- (Yellow) has to connect with LED driver DIM+ and DIM-, will NOT operate if not connected.

NOTE

- For 0-10V dimmable LED fixture with an input power 150W or less.
- If using a sensor; sensor wires must be remove from LED driver and reconnect to Emergency Pack 12V DC wires for EM Pack to function properly.
- Cap off sensor wires separately if not using an AC sensor.

With High Voltage Sensor 277-480V AC

