

## Model: EX-CU



### IMPORTANT SAFEGUARDS

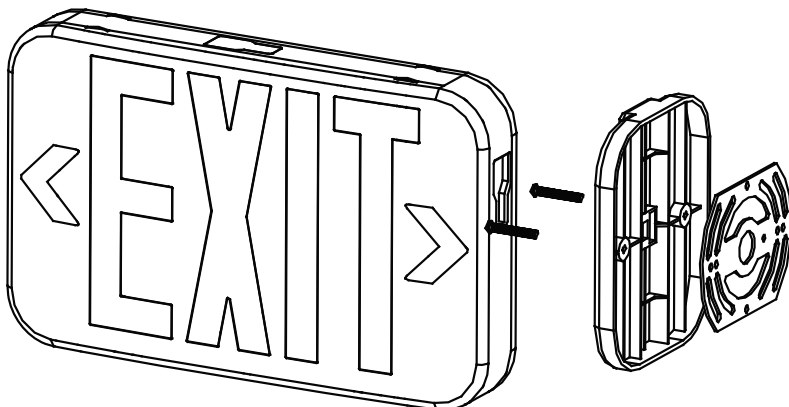
**WHEN USING ELECTRICAL EQUIPMENT,  
BASIC SAFETY PRECAUTIONS SHOULD BE FOLLOWED INCLUDING THE FOLLOWING:**

- Installation is to be performed only by qualified personnel.
- All electrical connections must be in accordance with local codes and ordinances.
- Turn off electrical power and allow the unit to cool off before opening for maintenance or servicing.
- Suitable for damp locations. Do not use outdoors.
- Do not let power supply cords touch hot surfaces.
- Do not use in hazardous location or mount near gas or electric heaters.
- Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or in eyes, flush acid with fresh water and contact a physician immediately.
- Equipment should be mounted in location and at heights where it will not readily be subject to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by the manufacturer and may cause unsafe conditions.
- After installation, allow battery to recharge for 24 hours before the first full duration discharging test.
- Do not use this equipment for other than its intended use.
- All servicing should be performed by qualified personnel only.

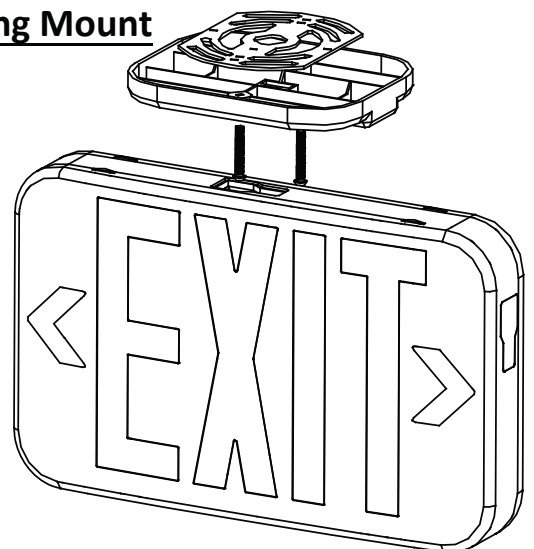
### Installation Instructions

1. Wiring according to corresponding Wiring Diagram.
2. Fasten canopy to J-Box bracket.
3. Snap housing to canopy.
4. Connect the battery (when applicable) to the PC Board.  
Secure faceplate to housing and remove the proper chevron indicator as required.

#### End Mount



#### Ceiling Mount



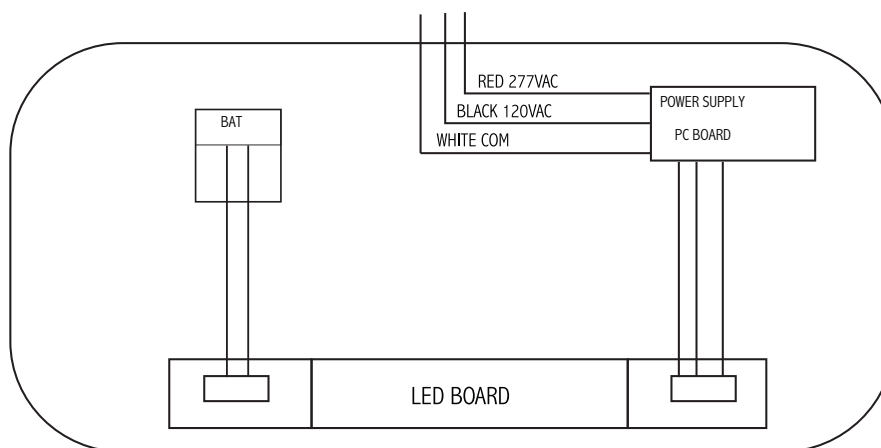
**NOTE:** Connect to a single source of power supply so that all lamps are simultaneously illuminated.

**NOTE:** Properly insulate the unused lead with a wire nut or other approved means.

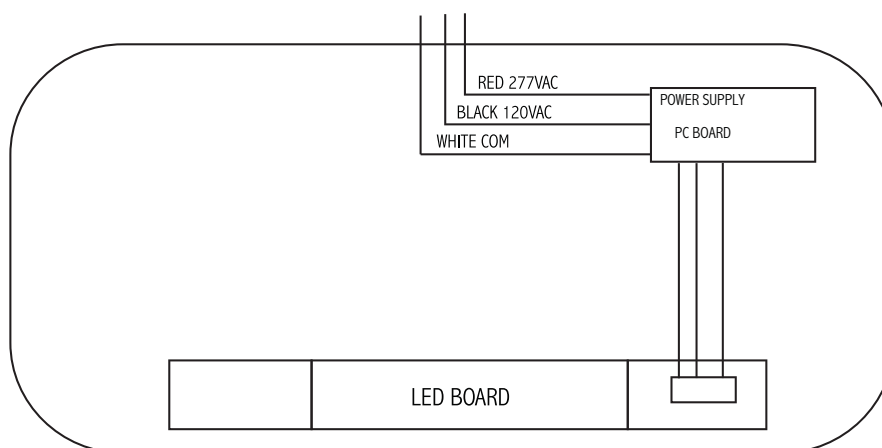
**WARNING:** Unused wires must be capped using wire nuts.

## Wiring Diagrams

### BATTERY BACKUP



### AC ONLY



## OPERATION (Battery Backup)

1. Apply AC power to the unit. The LED indicator should turn red.
2. After the battery has been left to charge for 24 hours, test the unit by pushing the switch.
3. The LED indicator turns OFF and the LED board stays ON.
4. When the switch is released, the LEDs turn OFF and the LED indicator turns back to RED.

## MAINTENANCE

**CAUTION:** Always turn off AC power to the equipment before servicing. Servicing should be performed only by a qualified service technician. Use only Manufacturer supplied replacement parts.

**BATTERY:** The battery supplied with the Battery Backup model requires no maintenance. However, it should be tested periodically (see TESTING) and replaced when it no longer operates the connected fixtures for the duration of a 30-second or 90-minute test. The battery supplied in this equipment has a life expectancy of 5 years when used in a normal ambient temperature of 72 degrees Fahrenheit.

## TESTING

National Electric Code (NEC) and National Fire Protection Agency (NFPA) life safety code regulations require that routine tests need to be performed:

1. Once every month, the unit needs to be tested for duration of 30 seconds. Push in and hold the test switch to perform this test.
2. Once every 12 months, a full 90 minute (per UL requirements) test needs to be performed on the unit. Disconnect the main power to the unit and leave it in the emergency mode. The LEDs should stay ON for at least 90 minutes.