

# INSTALLATION INSTRUCTIONS

## LED WET LOCATION EMERGENCY LIGHT

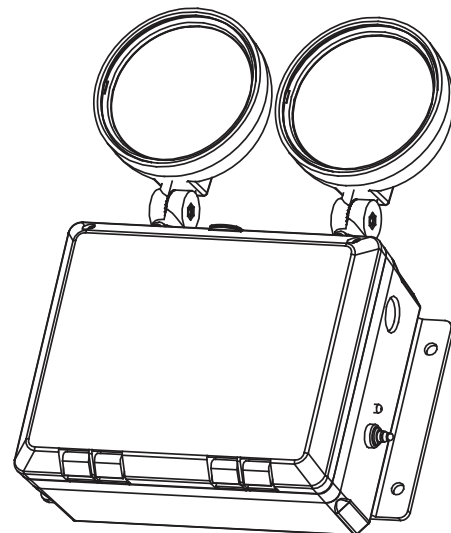
### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

**WARNING:** FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN DEATH, SERIOUS INJURY OR SIGNIFICANT PROPERTY DAMAGE. For your protection, read and follow these warnings and instructions carefully before installing or maintaining this equipment. These instructions do not attempt to cover all installation and maintenance situations. If you do not understand these instructions or additional information is required, contact Lithonia Lighting or your local Lithonia Lighting distributor.

**WARNING:** RISK OF ELECTRIC SHOCK - NEVER CONNECT TO, DISCONNECT FROM, OR SERVICE WHILE EQUIPMENT IS ENERGIZED.

**WARNING:** RISK OF FIRE. Lamps are hot. Keep combustible material away from hot parts. Observe lamp manufacture's warnings, recommendations and restrictions on lamp operation and maintenance. Make sure lamps are correctly installed.

**CAUTION:** The battery in this unit may not be fully charged. After electricity is connected to unit, let battery charge for at least 24 hours, then normal operation of this unit should take effect. To check, press the TEST button. The lamps on the unit should turn on.



**IMPORTANT SAFEGUARDS:** When using electrical equipment, basic safety precautions should always be followed, including the following:

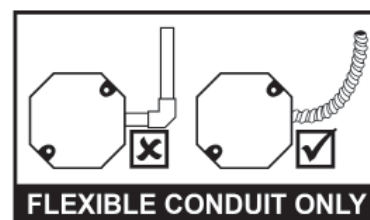
- Consult local building code for approved wiring and installation.
- Disconnect AC power before servicing and installation.
- Do not mount near gas or electric heaters.
- Do not use this equipment for anything other than its intended use.
- The use of accessory equipment not recommended by the manufacturer will void product listing and warranty and may cause an unsafe condition.
- Any service on this equipment should be performed by qualified personnel only.
- Equipment should be mounted in locations and at heights where it will not be subject to tampering by unauthorized personnel.
- Use caution when servicing batteries.
- Cap unused wires with enclosed wire nuts or other approved method.
- Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels

### INSTALLATION INSTRUCTIONS:

**NOTE:** Max mounting height is 11.5 ft to achieve at least 1 ft-candle of illuminance in emergency mode.

1. Mount the equipment securely in place using the hardware provided and the mounting tabs on the back of the housing. If accessory mounting devices are being utilized in this installation, follow any instructions provided with those devices to ensure a safe installation.
2. Extend 24-hour AC supply of rated voltage to the equipment, which is furnished with a dual voltage 120V/277V field selectable input (see Figure 1 on page 2). Connect unit to utility power using an approved seal-tight connector or NEMA 4x connector. The unit should be DRILLED for the connector in the proper location as it relates to the location of the entry point of the power feed coming into the unit. There are various places inside the unit that are suitable for this incoming power location. For 120V supply, connect the line wire to the black lead. For 277V supply, connect the line wire to the red lead. Connect neutral wire to the white lead. Connect the ground wire in accordance with local codes. A green ground lead is provided. DO NOT energize circuit at this time.  
**CAUTION:** Insulate the unused black or RED wire. Failure to insulate the unused wire will cause an unsafe condition.
3. Connect the battery to the circuit board after the unit is installed.
4. Energize the AC supply. The CHARGE indicator will illuminate.
5. Replace the cover.
6. Adjust and focus the lighting heads as required.

**CAUTION:** If conduit is applied, use UL Listed Suitable for Wet Location parts.



# INSTALLATION INSTRUCTIONS

## OPERATION:

1. To test the equipment, depress the TEST switch. The charge (LED) indicator will turn OFF and the emergency lights will illuminate.
2. After TEST switch is released, the emergency lights will turn OFF and the charge (LED) indicator will illuminate. The automatic charger will return into action, charging the battery and trying to maintain it in a fully charged state. NOTE: Allow the battery to charge for a minimum of 24 hours after installation or after a power failure before conducting a 90-minute test (see TESTING section).

## MAINTENANCE:

Caution: Always turn OFF AC power to the equipment before servicing. Servicing should be performed only by a qualified service technician. Only manufacturer SUPPLIED or APPROVED replacement parts must be used.

1. BATTERY: The battery supplied in this equipment 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 4-5 years when used in a normal ambient temperature of 72°F.
2. OTHER: Clean lenses and replace lamps as, and when, required.

## TESTING:

NFPA 101 (Life Safety Code) requires that all emergency lighting equipment be functionally tested every 30 days for a minimum of 30 seconds and tested annually for full 90-minute duration. Written records of the testing are to be kept for examination by the authority having jurisdiction.

## TROUBLESHOOTING:

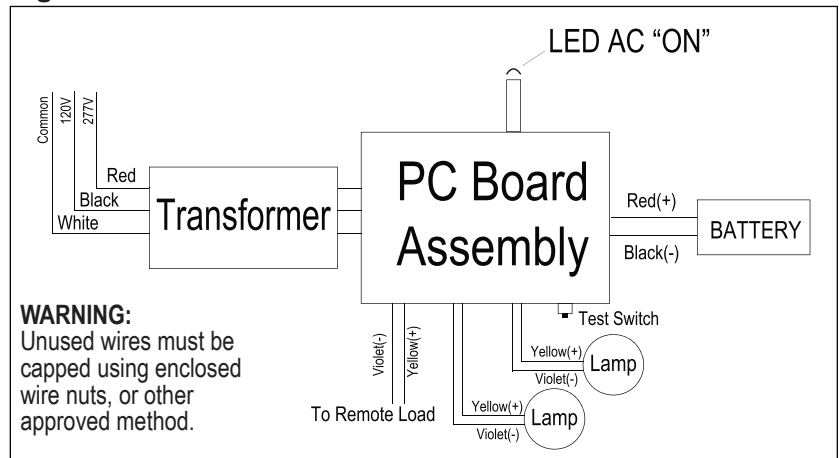
### Condition - The emergency lights do not operate:

1. If the charge indicator light is OFF, check that the circuit breaker for AC supply is ON.
  - If the charge indicator light is ON, check that battery is properly connected. If remote lamps (where applicable) are connected to the equipment, then turn OFF the AC supply and disconnect the remote circuit wires from the equipment. Turn ON the AC supply and depress the test switch. If the local lamps (mounted on the equipment itself) come ON, then check the remote circuit for short or overload condition and correct as required. Reconnect the circuit wires and restore AC power. If the local lamps don't turn ON after disconnecting the remote circuit wires, then replace battery.

### Condition - Emergency Lights are Dim:

2. Emergency lights are dim: battery is not fully charged. Allow battery to recharge for 24 hours and then re-test. If lights are still dim, replace battery.

Figure 1.



An *Acuity* Brands Company

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