

IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

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

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations, if applicable.
- Do not mount near gas or electrical heaters.
- Do not use outdoors.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.
- Allow battery to charge for 24 hours before first use.

SAVE THESE INSTRUCTIONS!

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Installation

Note: UL recommended maximum mounting height is 14-ft

1. Determine the proper location for where the fixture is going to be mounted. Remove the cardboard template from the box and place it against the ceiling tile or area of the ceiling where the fixture is going to be installed and trace a line around the template. This will be the area that is going to be cut out. (Fig. 1)
2. Cut the rectangular hole out of the ceiling area or tile. It is recommended for the cutting to be done on the ground, where possible. (Fig. 2)
3. Mount the BACK BOX in place using the bar hangers. (Fig. 3)

Fig. 1

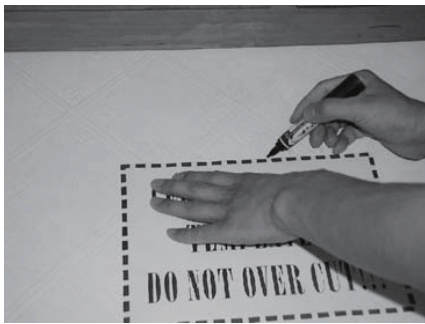


Fig. 2

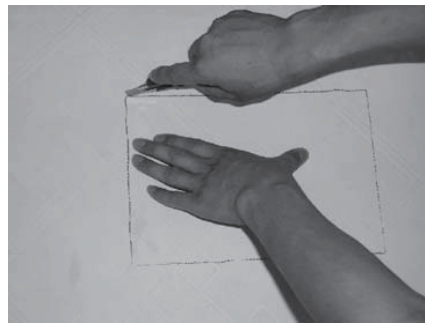
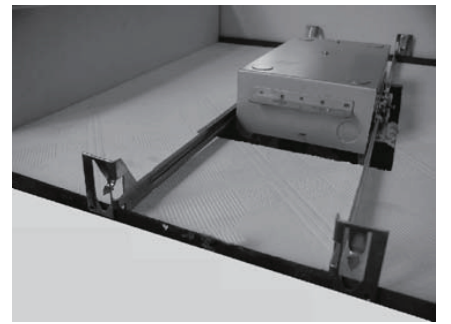


Fig. 3



4. Make adjustments to the bar hanger holder bracket to adjust the height of the back box (Fig. 4). Adjust until the bottom of the back box aligns evenly with the finished ceiling. (Fig. 5)

Fig. 4



Fig. 5



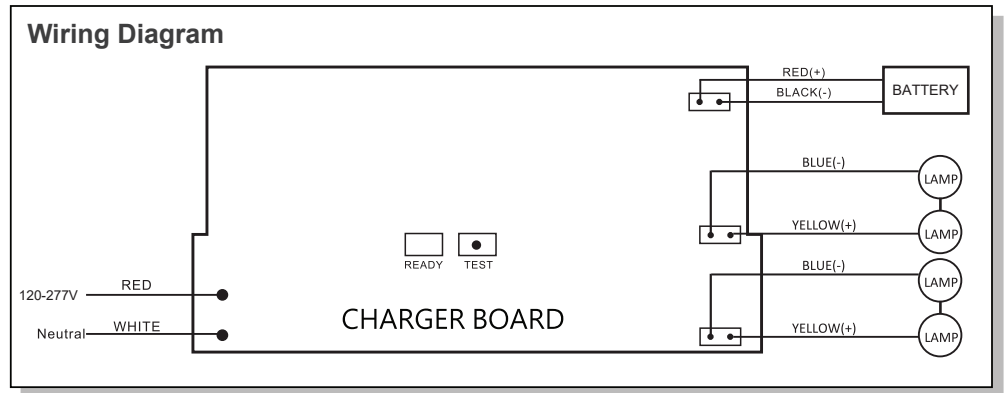
Installation, Continued

5. Make electrical connections; electrical connections should be made inside the J-box. Make electrical connection as follows:

120-277VAC

White - Common
Red - 120-277VAC
Green - Ground

Note: Cap unused leads to prevent shorting.



- Slide the fixture's enclosure with integral lamp heads into the back box by pressing together the spring clips and hooking them into the SLOTS located on the shorter ends of the back box.
- Connect the JUMPER CONNECTORS to connect the LAMP HEADS, SWITCH WIRES & BATTERY. (Fig. 6)
- Snap in the Rectangular or Oval trimplate onto the fixture's enclosure. Slide the complete assembly up and into the back box. (Fig. 7)
- Secure the assembly to the back box using the screws provided. Make necessary adjustments to the lamp heads orientation at this time. (Fig. 8)

Fig. 6



Fig. 7



Fig. 8



Operation

The battery in this fixture may not be fully charged. After electricity is connected to the fixture for at least 24 hours, then normal operation of this fixture should take effect. To check, press the "TEST" button. The LED lamps on the fixture should turn ON.

In accordance with NFPA 101, the emergency lighting system must be tested monthly for a minimum of 30 seconds and annually for 90 minutes. Refer to the local codes for any additional requirements that may apply.

When re-lamping, use only LED lamps specified in the fixture. Using other lamp types may result in damage or unsafe conditions.

Self-Test/Self-Diagnostics (G2)

Operation

The purpose of this option is to provide Self-testing and Self-diagnostic capabilities to the emergency unit. At predetermined intervals, the emergency unit will automatically switch into battery mode. Refer to the **Automatic Self-Test Feature** section below for timing details. The emergency unit will also perform various Self-diagnostic tests to determine if there are any faults. Visual signaling will alert maintenance personnel to a fault of the emergency unit electronics, battery, and/or battery charger. The circuitry continuously monitors the operating condition of the emergency unit and battery charging circuit/battery supply voltage. Refer to the **LED Indicator** section below for fault reporting details.

Automatic Self-Test Feature

- The unit equipment will automatically switch to battery mode every 30 days for a period of 30 seconds.
- The unit equipment will automatically switch to battery mode every 180 days for a period of 30 minutes.
- The unit equipment will automatically switch to battery mode every 365 days for a period of 90 minutes.

LED Indicator

The emergency unit is equipped with a bi-color LED, which displays green and/or red.

- A steady green LED indicates that normal AC power is being supplied to the fixture and the battery is fully charged.
- A flashing green LED indicates that the fixture is undergoing a test.
- A flashing red and green LED indicates that the battery is being charged.
- A red LED indicates whenever the Self-diagnostics system has detected a fault condition. Refer to the chart below when a red LED is displayed:

Red LED Indication	Fixture Fault	Corrective Action
Steady	Battery Disconnected	Check Battery Connection
Blinking 1 Time	Electronics Failure	Check Battery then Consult Factory
Blinking 2 Times	Battery Failure	Replace Battery
Blinking 3 Times	LED Failure	Check Battery then Consult Factory
Blinking 4 Times	Integral Lamp Failure	Check Battery then Consult Factory
Blinking 5 Times	Remote Lamp Failure	Check Battery then Consult Factory

Test Button Features

MANUAL TEST – Pressing the test button will switch the unit into battery mode for a set amount of time. The desired length of the test is determined by the number of times that the test button is pressed.

- Pressing the test button once will switch the unit into battery mode for a period of 30 seconds.
- Pressing the test button twice within 2 seconds will switch the unit into battery mode for a period of 30 minutes.
- Pressing the test button thrice within 2 seconds will switch the unit into battery mode for a period of 90 minutes.

RESET – If the fixture is in self-test mode, pressing and holding the test button for 3 seconds then releasing will cancel the test. After solving the fault of emergency equipment, pressing and holding the test button for 6 seconds then releasing will reset the LED indicator to steady green. The fixture will recalibrate the load connected.

Use in accordance with local building codes.