EMER/HP
INSTALLATION INSTRUCTIONS

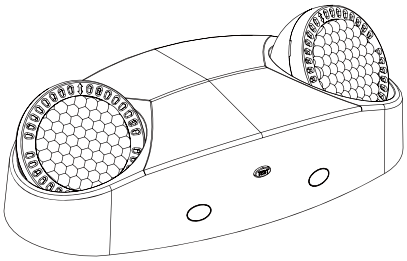
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

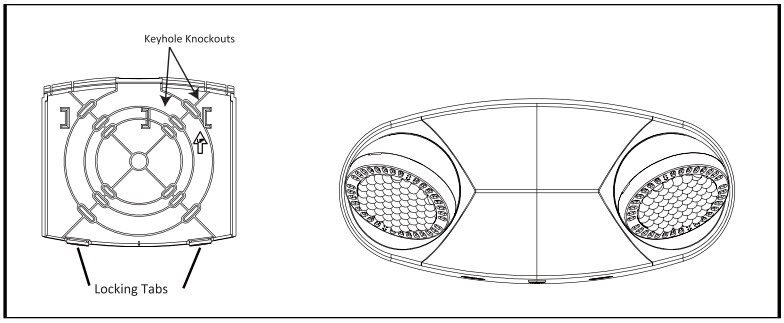
WARNING: RISK OF ELECTRIC SHOCK- NEVER CONNECT TO, DISCONNECT FROM, OR SERVICE WHILE EQUIPMENT IS ENERGIZED.

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.

- All service shall be performed by qualified service electrician. This product must be installed and maintained in accordance with the applicable installation codes, and ordinances, by a person familiar with the construction & operation of the product and the hazards involved.
- Before wiring to power supply, turn off electricity at fuse or circuit breaker.
- Disconnect A. C. power and unplug battery before servicing.
- Consult your local building code for approved wiring and installation.
- Do not let power supply cord touch hot surfaces.
- Do not mount near gas or electric heater.
- Equipment should be mounted in locations and at heights where it will not readily 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.
- Connect to an AC voltage as recommended on the product label of this equipment.



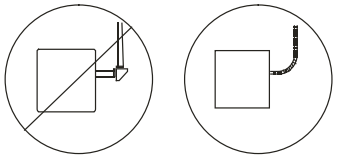
J-BOX MOUNTING INSTALLATION

1. Before starting installation, make sure AC power is turned OFF.
2. Remove unit's backplate by pushing through the two locking tabs at the bottom using a narrow screwdriver.
3. Feed fixture leads through the back plate and connect to AC power supply leads (Fig A) coming into the J-box (not provided). Connect the Orange lead to the Hot line and White lead to the Neutral of 120-277V power supply.
4. Attach back plate to J-Box (not provided) and secure with screws.
5. Complete the battery connection.
6. Align tabs and push housing directly onto the back plate. Apply continuous AC power.
7. After the battery has been left to charge for 24 hours, test the unit by pushing the test switch and the LED lamp heads will turn ON.

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INSTALLATION INSTRUCTIONS

CONDUIT MOUNT INSTALLATION:



FLEXIBLE CONDUIT ONLY

1. Before starting installation, make sure AC power is turned OFF.
2. Remove unit's backplate by pushing through the two locking tabs at the bottom using a narrow screwdriver.
3. Secure back plate to wall surface using keyhole knockouts.
4. Remove the knockouts for conduit opening on the backplate and unit housing. Feed wires through the hole to make conduit connection. Connect the Orange lead to the Hot line and White lead to the Neutral of 120-277V power supply.
5. Complete the battery connection.
6. Align tabs and push housing directly onto the back plate. Apply continuous AC power.
7. After the battery has been left to charge for 24 hours, test the unit by pushing the test switch and the LED lamps heads will turn ON

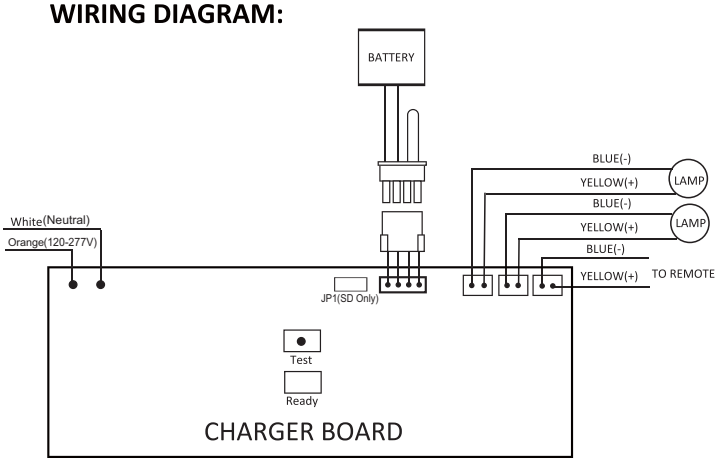
OPERATION:

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

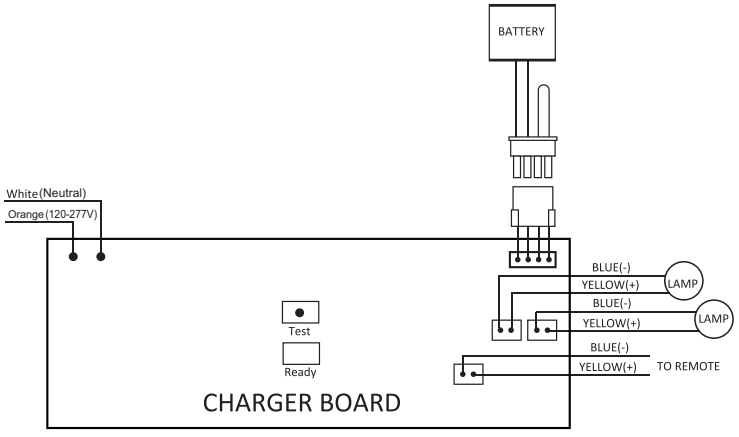
In accordance with NFPA 101, the emergency lighting system must be tested monthly for a minimum of 30 seconds and annually for 90 minutes. Refer to the local codes for any additional requirements that may apply. When re-lamping, use only LED lamps specified in the fixture. Using other lamp types may result in damage or unsafe conditions.

Note: UL recommended maximum mounting height is 41-ft

WIRING DIAGRAM:



SELF DIAGNOSTIC



BATTERY BACKUP

Note:
Use 18-22 AWG stranded wire to connect remote lamp heads.

CAUTION: DO NOT connect YELLOW and BLUE remote leads together. Please also ensure remote head positive (+) lead is connected to Emergency unit's yellow lead (+) and remote head negative (-) lead is connected to Emergency unit's blue lead (-).

INSTRUCTIONS FOR SELF-DIAGNOSTIC TEST:

Once the unit is properly installed according to the installation instruction sheet and AC power supplied, the dual color LED indicator will come ON and the self-diagnostic test function will automatically initiate. Unit will switch into a load calibrating mode for 5-10 seconds to record the connected load. Connected lampheads and EXIT sign (when applicable) will turn ON during this step. After the load calibration has been completed, the LED indicator will show either a RED/GREEN flashing (battery hi-charge mode) OR STEADY GREEN (battery trickle charge mode) status. FLASHING GREEN indicates that the unit is in manual or self-test mode. RED (steady or flashing) indicates a service alert. Refer to the SERVICE INDICATION chart below for more details. The LED indicator would be OFF when the unit is in emergency mode.

During a manually-initiated test OR monthly/annual self-diagnostic test, if the calibrated load is not detected, then the LED indicator will flash THREE or FOUR times, indicating a load failure error. This error code can be reset by pressing and holding the test switch for at least (6) seconds, allowing the unit to calibrate the load again.

SELF-DIAGNOSTIC SERVICE

The self-diagnostic function is factory preset and performs the following:

a. Monitoring of battery, charger, LED board (when applicable) and lamp heads (when applicable).
b. Self-testing and a 30-second or longer discharge once every 30 days, after AC power has been supplied for a minimum of 24 hours.
c. Self-testing and a 30-minute or longer discharge once every 180 days, after AC power has been supplied for a minimum of 24 hours.
d. Self-testing and a 90-minute or longer discharge once every 365 days, after AC power has been supplied for a minimum of 24 hours.

SERVICE INDICATION

LED Indicator	Status
One Flash Red	Replace Electronics
Two Flash Red	Replace Battery
Three Flash Red	Replace LED board (when applicable)
Four Flash Red	Replace lamp head (when applicable)
Five Flash Red	Replace Remote lamp (when applicable)
Steady Red	Connect Battery
Solid Green	Trickle Charge mode
Flashing Green	In test mode
Red/Green Flashing	High Charge mode

MANUAL TESTING

The unit also provides for manual testing by pressing the test button in a specific pattern

Action	Reaction & LED Indication
Push test button thrice (within 2 secs)	90-minute discharge test; FLASHING Green
Push test button twice (within 2 secs)	30-minute discharge test; FLASHING Green twice
Push test button once (within 2 secs)	30-second discharge test; FLASHING Green thrice
Push test button and hold for 3 seconds (in test mode)	Self-discharge test is canceled; If this is done, then a manual test of the same duration is recommended to be done to ensure compliance
Push test button and hold for 6 seconds (in error mode)	System is reset; Unit will recalibrate the load connected

WARNING:

a. Ensure that power is OFF before making any electrical connections
b. Unused wires must be capped off using enclosed wire nuts