



LHQM High-Output Emergency Combo Unit and Exit

IMPORTANT SAFEGUARDS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

- ⚠ 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 combustibles material away from hot parts. Observe lamp manufacturer's warnings, recommendations and restrictions on lamp operation and maintenance. Make sure lamps are correctly installed.
- ⚠ WARNING:** DO NOT USE ABRASIVE MATERIALS, OR OTHER SOLVENTS. USE OF THESE SUBSTANCES MAY DAMAGE FIXTURE, WHICH MAY RESULT IN PERSONAL INJURY.
- ⚠ WARNING:** RISK OF PERSONAL INJURY – This product may have sharp edges. Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing and maintaining this product. (WHERE APPLICABLE)
- 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.
 - UL damp location 60°F to 90°F (15°-32°C) standard.
 - Do not let power supply cord touch hot surfaces.
 - Do not mount near gas or electric heater.
 - Do not install a damaged fixture.
 - This product must be installed in accordance with the applicable installation codes and ordinances.
 - Proper grounding is required to ensure personal safety. (WHERE APPLICABLE)
 - All service shall be performed by qualified service personnel. This product must be installed and maintained in accordance with the applicable installation codes by a person familiar with the construction and operation of the product and the hazards involved.
 - 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.
 - Do not store or place flammable materials near lamp.
 - Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush acid with fresh water and contact a physician immediately.
- ⚠ CAUTION:** To avoid shattering, do not operate lamp in excess of rated voltage. Protect lamp against abrasions and scratches and against liquids when lamp is operating. Dispose of lamps with care. Halogen lamps operate at high temperatures. Do not store or place flammable materials near lamps.

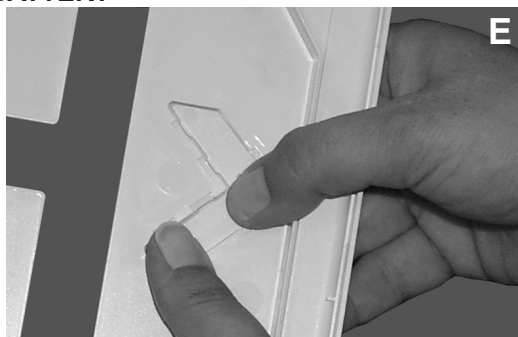
SAVE THESE INSTRUCTIONS

NOTE: The maximum mounting height of LHQM with LP06VS lamps is 26 feet, to meet the minimum illumination requirements of NFPA 101 (current Life Safety Code).

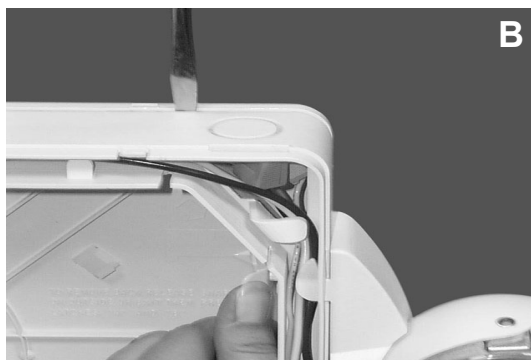
GENERAL INFORMATION SHOWN WITH LEAD ACID BATTERY



To Remove Face Plate-
Press in snaps at bottom or top of housing to separate face plate from housing.



To Remove Directional chevrons-
Remove colored panel and push chevron out for desired configuration.



To Remove Back Plate-
Press in snaps at bottom or top of housing. Then release latches A and B from the inside of housing.



To Remove Canopy-
Rotate cam locking pin level with housing and remove from hooks. Squeeze snaps and pull housing free.

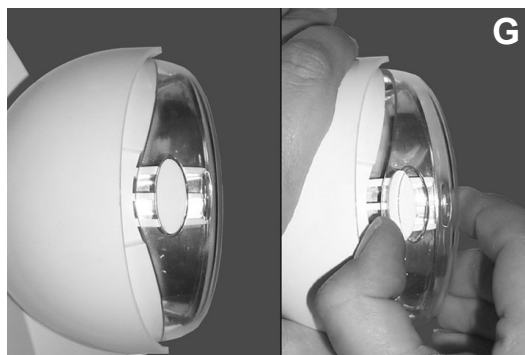


CAUTION! To avoid damage to the lamp board, the battery plug must be carefully oriented to the locking features of the board connector, with all three positions aligned to the pins of the board connector.

DC Connection-
Connect battery to lamp board **AFTER** AC power can be continuously provided to exit.



Remove and Relocate Lamp Mount Assembly
Remove face plate and back plate. Disconnect lamp harness from lamp board. Press four snaps (two each side) to release lamp mount assembly from housing. Relocate to top of housing and resnap into place. Connect lamp harness to lamp board.



To Remove Lens and Change Lamps-
Release lens by lifting outward and over button with thumb. Replace lamp with an identical lamp.

Top Mount -



1. Remove face place. Connect jumper leads (provided) to AC input leads in j-box. Fasten j-box bracket to j-box.



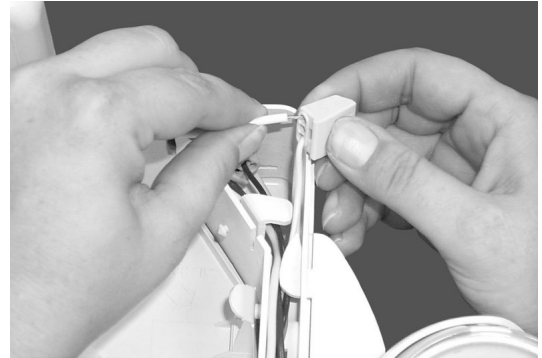
2. Fasten canopy to j-box bracket.



3. Remove hole plug and dress leads through housing wire channel. Snap exit housing onto canopy.



4. Lay cam locking pin between canopy posts and snap into retaining hooks. Rotate cam locking pin up to lock into place.



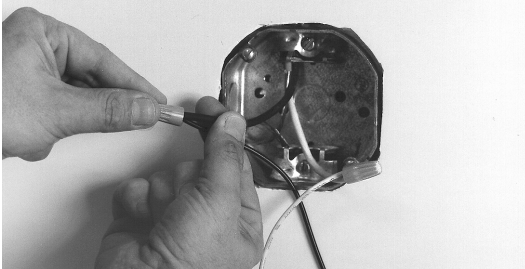
5. In upper right corner of housing wire channel connect input leads using pushnuts and jumper wire provided to route wires to j-box. Connect battery and snap face plate onto housing. Remote lamp option: Connect remote lamps to yellow and blue wires using pushnuts and jumper wire provided to route wires to j-box.

Note: Allow Battery to charge 24 hours before initial testing and 168 hours for full charge.

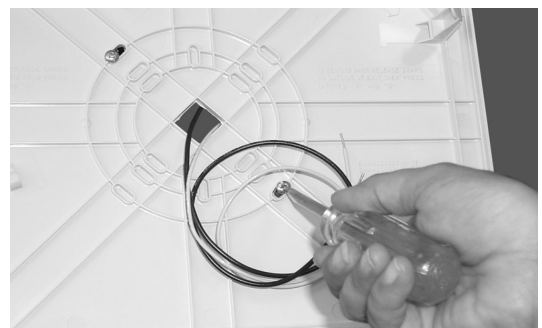
Use only Flexible Conduit with this unit.



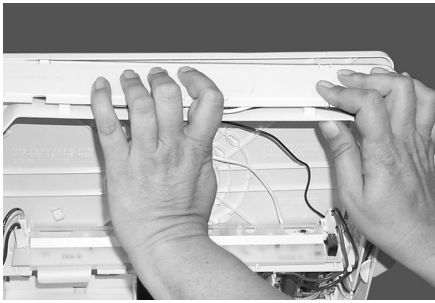
Back Mount-



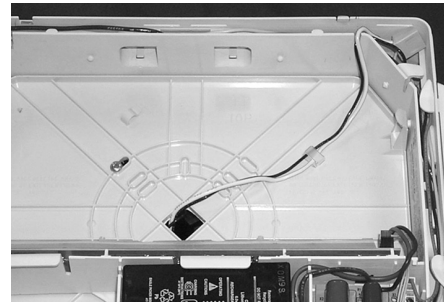
1. Remove faceplate. Connect installation supply leads (provided) to AC input leads in j-box. Remove face plate and back plate from housing.



2. Remove necessary knockouts and fasten back plate to j-box.



3. Snap housing to back plate.



4. Route wires through upper wireway. In upper right corner of housing wire channel, trim and connect input leads using pushnuts and jumper wire provided to route wires to j-box. Connect battery and snap face plate onto housing. Remote lamp option: Connect remote lamps to yellow and blue wires using pushnuts and jumper wire provided to route wires to j-box.

Directions For End-Mounting

- A. Remove the back plate (refer to photo B)
- B. Remove the left lamp mount assembly. Discard unused lamphead or relocate to top mount (refer to photo D, this photo shows the right lamp head but the instructions are the same).

- C. The face plate and back plate may have to be reversed for correct view orientation.
- D. Use top mounting instructions to attach to junction box.

INSPECTION AND MAINTENANCE

NOTE: Emergency lighting systems should be tested in accordance with NFPA 101 requirements, to ensure that all components are operational.

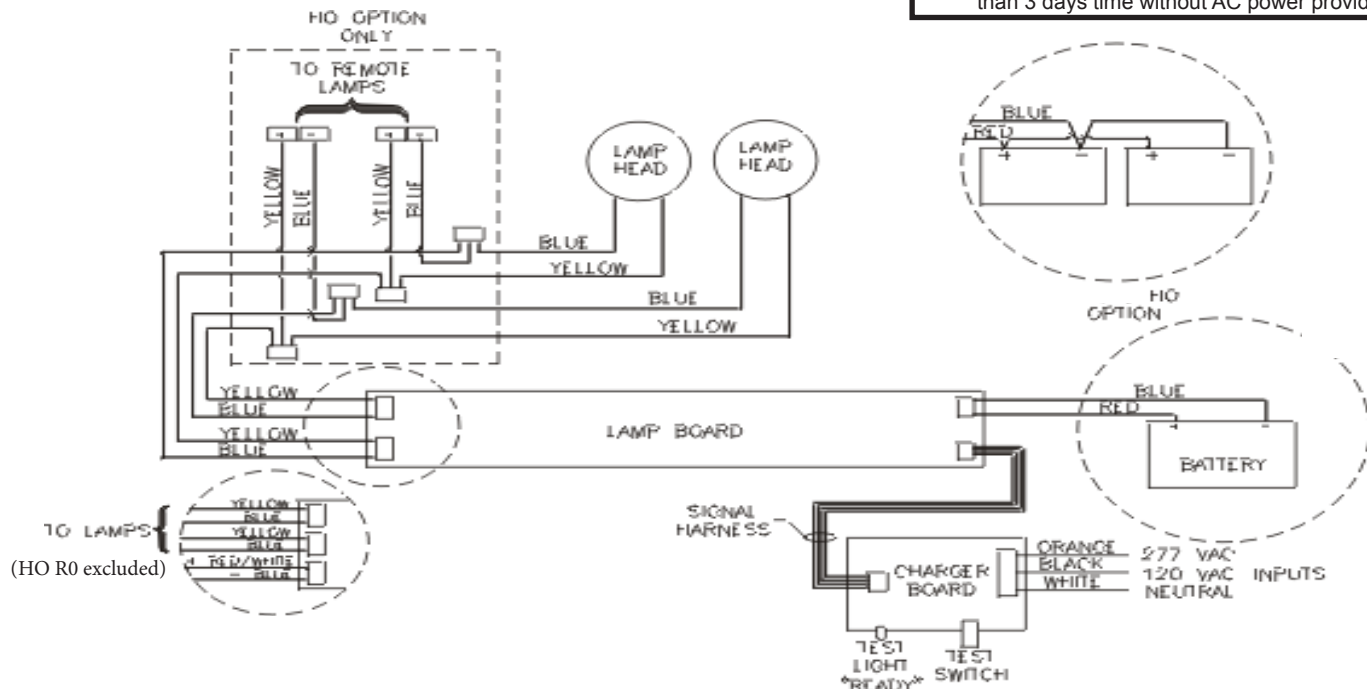
- A. **Normal Operation:** LED lamp strip and green "Ready" light will be illuminated when AC Power is supplied.
- B. **To Test:** Push "Test" switch; DC emergency lamps will come on. LED lamp strip will remain on.
- C. **Battery Replacement:** Push tab away from battery while lifting out battery. Disconnect leads from terminals.

- D. **Charger Board Replacement:** Remove face plate and back plate. Remove charger board cover. Disconnect signal harness and power supply harness from charger board. From backside of charger board lift snap holding charger board and remove board. Insert new board; reconnect wiring harnesses and replace charger board cover.
- E. **Lamp board Replacement:** Disconnect battery, signal harness, and lamp harnesses from lamp board. Pinch snaps and lift lamp board. Insert new lamp board, reconnect lamp harnesses, signal harness, and battery.

WIRING DIAGRAM

Note: Cap all unused leads separately.

CAUTION: Damage to battery will occur if battery is connected to charger board for longer than 3 days time without AC power provided.



Important Battery Information:

Batteries are perishable items. For best results, it is recommended that the batteries receive an initial charge within the first six months of the manufacture date of the fixture. The manufacture date can be found on the outside of the unit packaging and on the label as part of the Date Code / Series. The first two digits in the date code represent the year and the second two digits represent the month. In many cases, batteries beyond the initial charge recommendation time frame will recover if fully charged soon after installation. If such a battery does not recover after a full initial charge, it should be replaced.



An AcuityBrands Company

EMERGENCY LIGHTING SYSTEMS

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