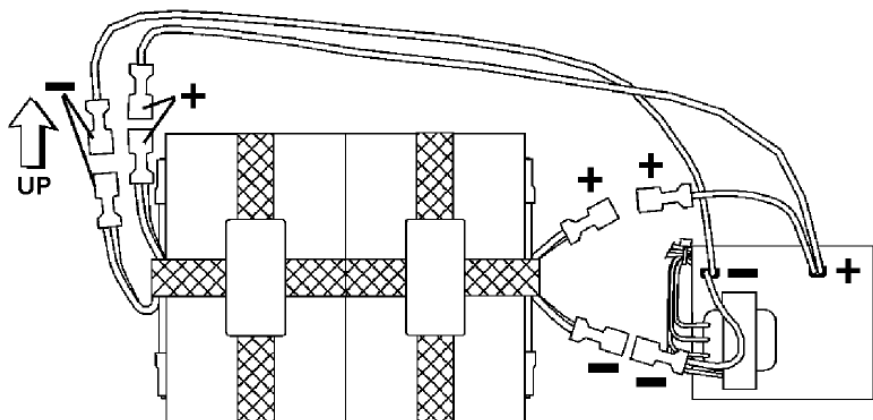
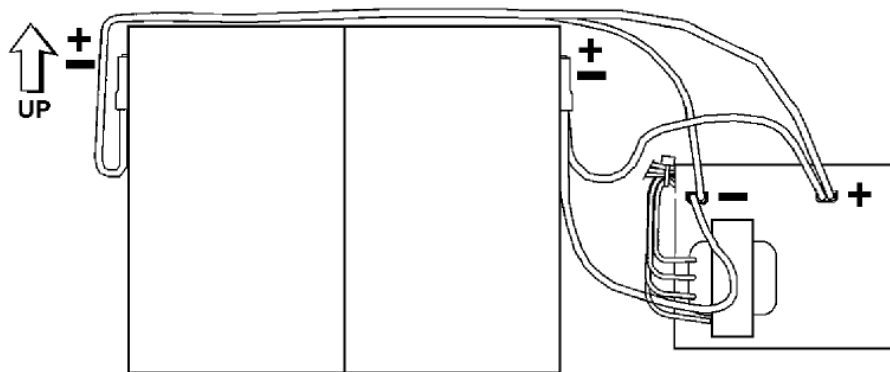


Fig. 3 Double Harness Lead Connection Lead-Calcium Batteries



12 Volt Pack (2 Packs)



12 Volt Individual (2 Batteries)



**RECYCLING INFORMATION**

All steel, aluminum and thermoplastic parts are recyclable.  
 NOTICE: Emergency units contain rechargeable batteries which must be recycled or disposed of properly.

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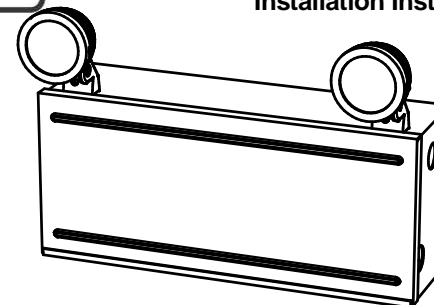
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**LM-1205L Series**

High-Capacity Emergency Lighting Units

Installation Instructions for 1205L series



**IMPORTANT SAFEGUARDS**

**Warning:**

This product contains chemicals known to the state of California to cause cancer, birth defects, and/or other reproductive harm. Thoroughly wash hands after installing, handling, cleaning or otherwise touching this product.

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

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS**

1. Do not use outdoors.
2. Do not mount near gas or electric heaters or hot surfaces.
3. Equipment should be mounted in locations and at heights where it will not readily be subject to tampering by unauthorized personnel.
4. The use of accessory equipment not authorized by the manufacturer may cause an unsafe condition.
5. Do not use this equipment for other than its intended purpose.
6. Servicing of this equipment should be performed by qualified service personnel.
7. Test cycling: the Life Safety Code (NFPA 101) requires testing of emergency lighting units once a month for a minimum of 30 seconds, and once a year for a minimum of 90 minutes.

**INSTALLER:**

- SEE UNIT LABEL FOR ADDITIONAL MODEL SPECIFICATIONS
- SAVE THESE INSTRUCTIONS FOR USE BY OWNER/OCCUPANT

**EMERGENCY LIGHTING AND POWER EQUIPMENT FOR USE IN DAMP LOCATIONS**

Damp location listed units are suitable for use in:

1. Interior locations subject to moderate degrees of moisture, such as basements, some barns, some cold-storage warehouses, and the like.
2. Partially protected locations under canopies, marquees, roofed open porches and the like.

**GENERAL INSTRUCTIONS**

This unit is designed for surface mounting on a wall or other solid surface (building support structure, column, etc.). Unit must be mounted high enough to maximize illuminated area under anticipated conditions of use. Be sure to allow ample clearance for mounting and aiming the lighting heads.

Provide each unit with a single unswitched power supply from a 120 or 277VAC branch circuit used for normal lighting in the same area. The wiring should be permanent installation, using appropriate size wire.

Note: De-energize AC circuit to unit during initial installation, and during servicing or relamping operations.



Hubbell Lighting, Inc.

- Loosen the two cover retaining screws on the sides of the unit, rotate the heads for clearance, and remove the cover by lifting it up and outwards.
- If lighting heads will be retained in the top mounted position, go to step 3. If lighting heads are to be relocated to side mounted position, proceed as follows:
  - Snap out the lighting head knockouts on the sides of the unit.
  - Loosen the locking nut that retains the stem for each lighting head.
  - Slide each lighting head out of its present slot.

Note: It is not necessary to disconnect the lighting head leads from the circuit board.

  - Insert the stem of each lighting head into the side opening slots.
  - Tighten the locking nut on each stem so that the lamp heads turn with some resistance.
  - Plug the top mounted opening slots with the hole plugs contained in the hardware pack.
- Fasten enclosure to electrical outlet box and/or wall surface using appropriate hardware.
 

Note: The enclosure can be mounted to 3", 4" octagon, or 4" square electrical boxes, and to standard plaster rings. Large enclosures have additional keyhole slots for surface mounting. a " 7/8" diameter knockout is provided on the top and on each side of the enclosure for surface wiring conduit.
- Connect remote lamps (if used) to blue (+, fused) and Yellow(-) leads (Fig.1).
- Connect 120 or 277VAC input connections to transformer (Fig.1). Connect green wire to building ground.
 

Note: Insulate the unsused transformer lead to prevent potential shock hazard.
- Determine proper battery orientation from Fig.2 (single harness lead connection) or Fig.3 (double harness lead connection). Battery is positioned to the left of the circuit board. Remove protective liner from double sided tape, located on floor of enclosure.
 

Note: a 1/4" space (minimum) is required between the front of the battery and the inner lip of the enclosure to provide clearance for cover. Place battery into enclosure, and press down firmly to secure battery to enclosure.
- Connect positive (+, red) and negative (-, yellow) battery harness leads from printed circuit board to corresponding battery terminals as shown in Fig.2 or Fig.3.
- Check all wiring for loose or missing connections.
- Replace cover. Be sure that each "star washer is properly positioned between the screw head and the outer surface of the cover. Tighten retaining screws. Adjust lighting heads to desired position.
- Energize unit with AC power. Press and hold the "TEST" button (see Fig. 1 for "TEST" button location) to confirm illumination and proper aiming of emergency lamps. ("AC ON" indicator LED should go off). Release the "TEST" button; emergency lamps should extinguish. Normal operation begins.
- Normal Operation: with power supplied, "AC ON" LED indicator is illuminated and emergency lamps are off.

### ROUTINE TEST CYCLING

**1. Monthly:** If there has been no power failure, press and hold the "TEST" button for at least thirty (30) seconds to confirm emergency lamp operation. Release "TEST" button to return to battery charging mode.

**2. Once a year:** Perform a full battery conditioning cycle by de-energizing the AC circuit to which the unit is connected, and allow the unit to operate for ninety (90) minutes on battery power. Following successful test, energize AC circuit to begin battery charging cycle.

Note: AC ON LED blinks when battery is fully charged.

### REPLACING BATTERIES

- De-energize the AC power supply to the unit.
- Remove enclosure cover.
- Disconnect positive (+, red) battery lead.
- Remove defective battery. Recycle responsibly. Replace with genuine manufacturer battery only.
- Place new battery in enclosure. Make connections following steps outlined above.
- Test unit.

### REPLACING EMERGENCY LAMP(S)

- De-energize the AC power supply to the unit.
- Remove enclosure cover.
- Disconnect positive (+, red) battery lead.
- Loosen the locking nut that retains the stem for each lighting head.
- Slide lighting head out of its slot.
- Insert the stem of each lighting head into the side opening slots.
- Tighten the locking nut on each stem so that the lamp heads turn with some resistance.
- Test unit.

Fig. 1 Lead-Calcium Battery Basic Wiring

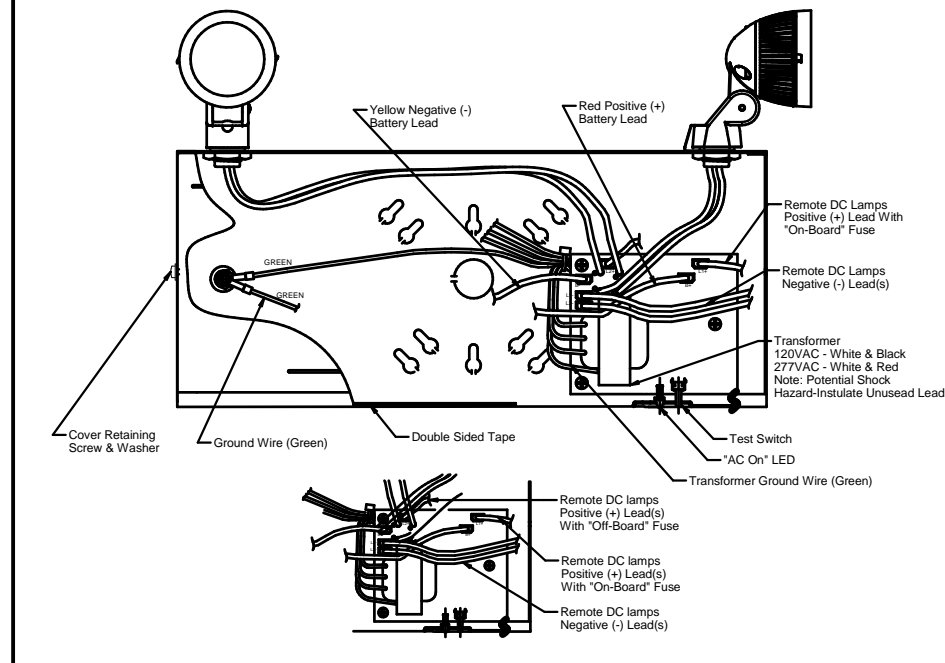


Fig. 2 Single Harness Lead Connection Lead-Calcium Batteries

