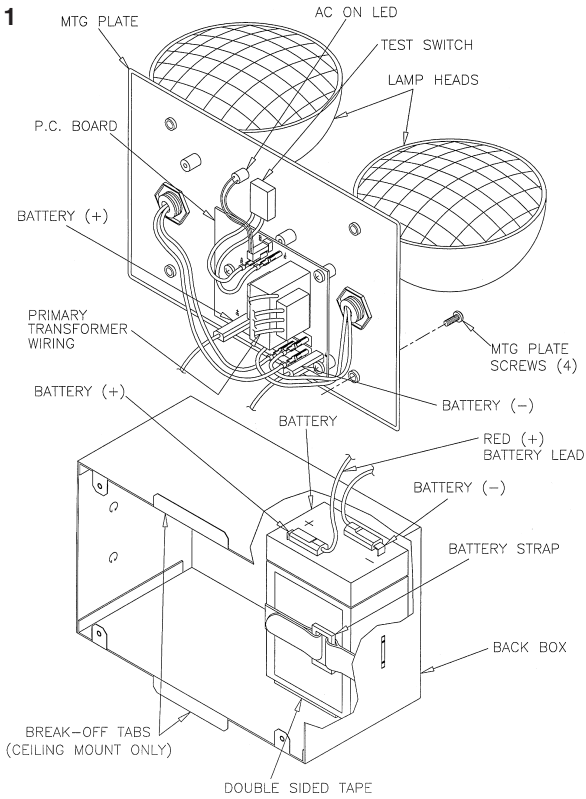


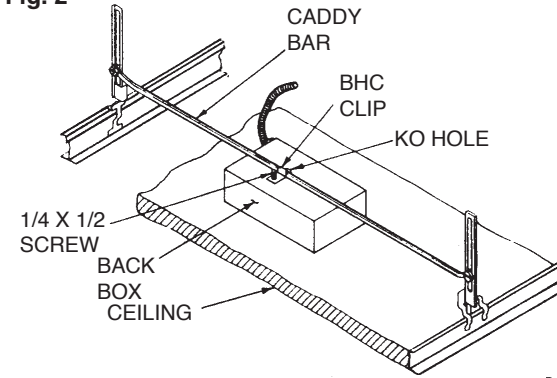
**General Instructions**

This unit is designed for recess mounting on a wall or ceiling. Provide each unit with a single unswitched supply from a 120VAC or 277VAC branch circuit used for normal lighting in the area to be protected.

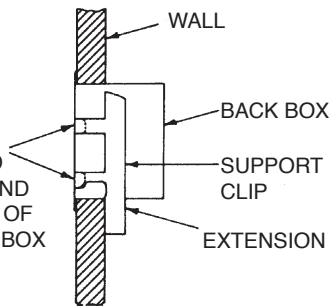
**Fig. 1**



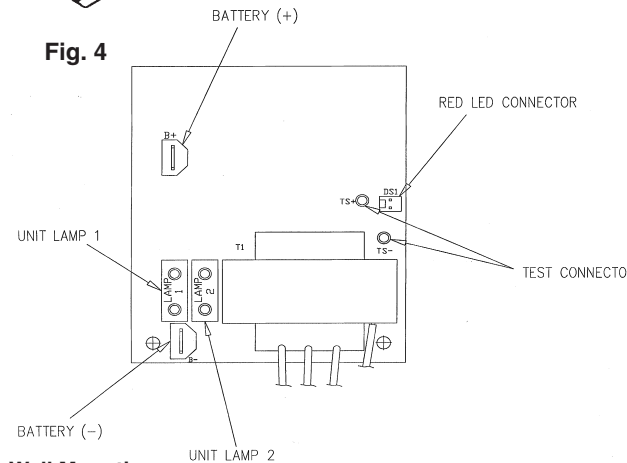
**Fig. 2**



**Fig. 3**



**Fig. 4**



**Installing The Unit: Ceiling Mounting**  
(Requires accessory F-CBM, troffer mounting kit)

1. Attach back box to caddy bar by sliding BHC clip into KO in the rear of the back box. Thread large 1/4 x 1/2" screw from inside back box through BHC clip (Fig. 2).
2. Remove two break-off tabs (Fig. 1) located in front center of two sides of back box.
3. Remove one KO and use standard hardware to attach cable conduit.  
NOTE: Do not remove KO's on battery side. Do not remove KO's not used for cable connections.
4. Cut opening in ceiling panel, and install panel in suspended ceiling grid. From adjacent opening, secure caddy bar/back box assembly to ceiling "T" bars.
5. Adjust caddy bar side slot height so that front edge of back box is 1/16" from lower edge of ceiling tile.
6. Remove protective top layer of tape from side of battery. Slide battery into cabinet so that exposed side of tape contacts side of cabinet. Secure battery with strap.
7. Connect yellow leads from printed circuit board to battery negative (-). Connect red lead from printed circuit board to battery positive (+).  
Caution: Damage to battery may occur if battery is left connected for a long period of time without AC power.
8. Make AC supply connections using mechanical wire connectors. Select either: black for 120VAC, or red for 277VAC. Cut back and insulate unused lead.
9. Assemble mounting plate to back box using four (4) mounting screws.
10. Readjust caddy bar, if needed, to bring mounting plate even with ceiling panel.
11. Adjust emergency lamps to desired angle.
12. Refer to Operation section.

**Installing The Unit: Wall Mounting**

1. Cut opening in wall to accept back box.
2. Remove one KO and use standard hardware to attach cable conduit.  
NOTE: Do not remove KO's on battery side. Do not remove KO's not used for cable connections.
3. Position back box in wall opening.
4. Secure back box using supplied box support clips (Fig. 3). Position clips on sides of back box; be sure extensions rest securely against back surface of wall. Bend tabs tight against sides of back box.
5. Connect yellow leads from printed circuit board to battery negative (-). Connect red lead from printed circuit board to battery positive (+).  
Caution: Damage to battery may occur if battery is left connected for a long period of time without AC power.
6. Make AC supply connections using mechanical wire connectors. Select either: black for 120VAC, or red for 277VAC. Cut back and insulate unused lead.
7. Assemble mounting plate to back box using four (4) mounting screws.
8. Adjust emergency lamps to desired angle.
9. Refer to Operation section.

**Initial Energization**

1. Energize unit with AC power. Press and hold the "TEST" button (see Fig.1 for "TEST" button location) and 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.
2. Normal Operation: with power supplied, AC-ON" LED indicator is illuminated and emergency lamps are off.

**Routine Test Cycling**

1. Every three months: If there has been no power failure, press and hold the "TEST" button for at least thirty seconds to confirm emergency lamp operation. Release "TEST" button to return unit 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.

**Routine Care**

1. The battery used in these models is sealed and requires no maintenance, but will benefit from certain operating procedures.
2. During routine standby operation, the charger output fluctuates only slightly in floating the battery at its full charge voltage.
3. After an AC failure and subsequent battery discharge, charger output increases greatly to recharge the battery as quickly as cell temperature rise and gas cycling considerations permit.
4. This vigorous charging action also agitates the electrolyte and tends to reverse physical and chemical changes that can slowly occur in a battery that stands for long periods without cycling.
5. If power failures are infrequent, occasional deliberate cycling may extend battery life.

**Taking A Unit Out Of Service**

1. To take a unit out of service for an extended period, disconnect the positive battery lead from the charger/transfer module and insulate it.
2. The battery will go into storage in a fully charged condition.

### Replacing A Battery

1. De-energize the AC power and disassemble the unit (follow steps 2 through 4 below).
2. Disconnect battery leads from charger module.
3. Release battery retaining strap (Fig. 1).
4. Replace with a new battery (see unit model label for correct part number). Install battery as shown in Fig. 1.
5. Reassemble the unit.

Remove battery.

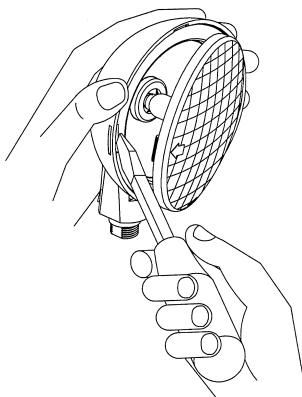
### Replacing The Charger Printed Circuit Assembly (Refer to Fig.1 and Fig. 4)

1. De-energize the AC power.
2. Loosen the four (4) mounting plate screws.
3. Open the unit and disconnect the battery leads.
4. Disconnect AC input wires, and remove the front panel from the back box.
5. Remove the test switch and red LED wires from the printed circuit board.
6. Loosen the three (3) P. C. board mounting screws; remove the P. C. board.
7. Install the new P. C. board assembly and reassemble unit by reversing the previous steps. See Fig. 1 & 4 for wiring connections.
8. Follow instructions sent with the new module.

### Replacing An Emergency Lamp

1. Remove diffuser lens from lamp housing by prying lens adjacent to tab slot. (see Fig. 5)
2. Remove and replace lamp. (refer to product label for specific lamp type)

Fig. 5



130821  
130822

DUAL LITE

Corner  
Stone  
Life  
Safety  
Products

EZ-2R Series  
ERC-2R Series

RECESSED EMERGENCY LIGHTING UNIT

## Instructions for INSTALLATION • OPERATION • SERVICE

### IMPORTANT SAFEGUARDS

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

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outdoors.
2. Do not let power supply cords touch hot surfaces.
3. Do not mount near gas or electric heaters.
4. Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush effected area with fresh water and contact a physician immediately.
5. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
6. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
7. Do not use this equipment for other than intended use.
8. Servicing of this equipment should be performed by qualified service personnel.

### SAVE THESE INSTRUCTIONS

Note: Unit shipped with battery leads disconnected.



Hubbell Lighting, Inc.