

# INSTALLATION INSTRUCTIONS FOR LED Recessed Architectural Emergency Light

## IMPORTANT SAFEGUARDS

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Begin by thoroughly reviewing the diagrams provided.
2. Ensure that all electrical connections adhere to local codes, ordinances, and the National Electric Code.
3. Prior to installation or servicing, disconnect power at the fuse or circuit breaker.
4. Avoid using the product outdoors.
5. Refrain from mounting it in hazardous locations or near gas or electric heaters.
6. Prevent power cords from coming into contact with hot surfaces.
7. Mount equipment in secure locations and at appropriate heights to deter unauthorized tampering.
8. Using accessory equipment not recommended by the manufacturer may pose safety risks.
9. Utilize the product only for its intended purpose; refrain from using it for any other applications.
10. Qualified personnel should conduct all servicing and maintenance tasks.
11. Allow the battery to charge for a minimum of 24 hours before conducting the initial test.

## SAVE THESE INSTRUCTIONS

### MAINTENANCE:

1. Recharge the battery if the product is stored for over 12 months. Refer to the detailed manual for "Battery Stock and Recharge Guidelines."
2. Regularly test the equipment in accordance with local codes. Replace batteries as necessary if the discharge time does not achieve at least 90 minutes.

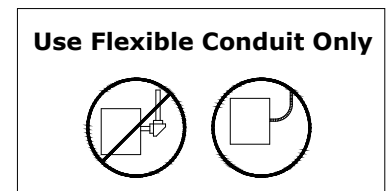
### OPERATION:

1. Press the test button. The LED heads will illuminate while the LED indicator light turns off.
2. Release the test switch, and the LED indicator will turn on while the LED heads turn off.

### TROUBLESHOOTING GUIDE:

If the LED heads or LED indicator fail to illuminate, check the following:

1. Check the AC supply - Ensure that the unit has a 24-hour (unswitched) AC supply.
2. Verify battery connection.
3. Discharge the battery and recharge it for 24 hours. Afterward, attempt to retest.
4. If the above troubleshooting hints do not resolve the issue, contact the factory for assistance.

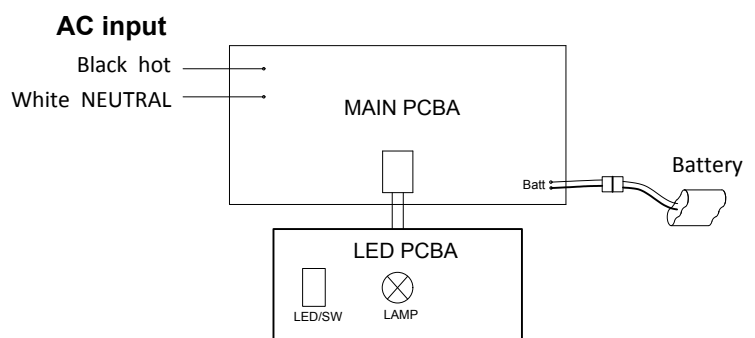


## WIRING DIAGRAM

### AC Wiring

Input Voltage : 120-277VAC, 50/60Hz

- Connect the white wire to neutral.
- Connect the black wire to hot.
- Connect the green wire to ground.



# ▲ NOTICE-MUST WEAR GLOVES FOR ALL INSTALLATION PROCESSES

## The EL-ARM is designed for recessed mounting

Max. mounting height: EL-ARM-Wide 15.7ft ,EL-ARM-Narrow:14.5ft

1. Remove the trim plate assembly from the main housing, and disconnect the lamp head connector from the PCBA (refer to Fig.1).
2. Determine the correct mounting direction if the unit with a narrow lens is installed in a corridor (refer to Fig.2).
3. The narrow lens and wide lens are replaceable according to different applications (refer to Fig.3).
4. Position recessed kits and bar hangers at the center of joists. Ensure that bar hangers are hung in the correct position. Temporarily position recessed kits by hammering "nail-in" tabs on bar hangers, then securely fasten with nails. Bar hangers should be level with the bottom of joists (refer to Fig.4).
5. Vertically adjust the height of recessed kits using adjusting slots, and then tighten all screws on adjusting slots and bar hanger brackets to secure the adjusting bracket and bar hangers.
6. Remove the battery cover using a screwdriver, connect the battery connector, then replace the battery cover (refer to Fig.5).
7. Remove the rear cover using a screwdriver, and install flexible conduit with AC supply cable on the rear cover (refer to Fig.5).
8. Make proper electrical connections:
  9. (a) Connect the green wire to the ground lead.
  10. (b) Connect the white wire to neutral.
  11. (c) Connect the black wire to hot (refer to wiring diagram). Restore the rear cover after wiring.
12. Cut a rectangular opening when ceiling mounting (refer to Fig.6).
13. Connect the lamp head connector. Insert two springs through the rectangular opening, then snap the trim plate assembly onto the main housing (refer to Fig.6).

Fig.1

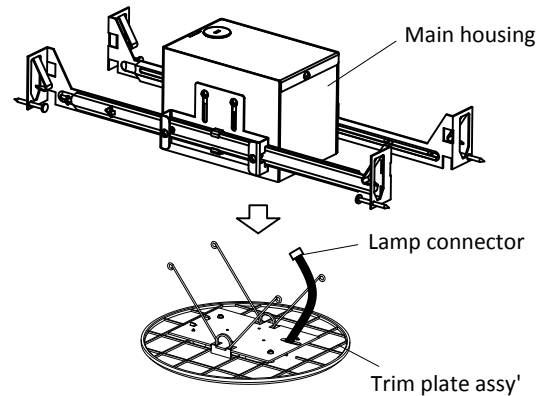


Fig.2

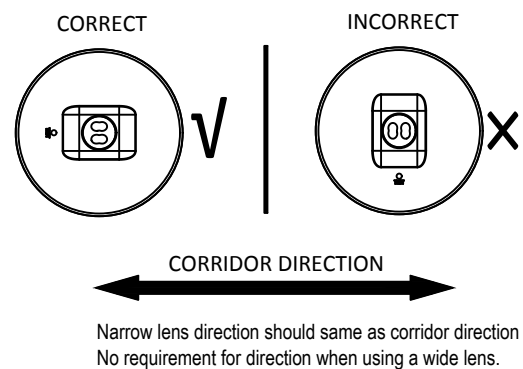


Fig.3

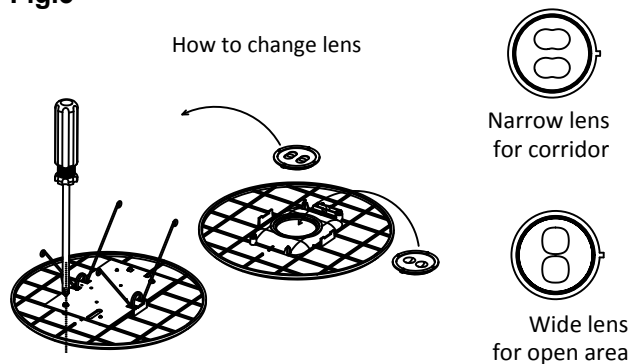


Fig.4

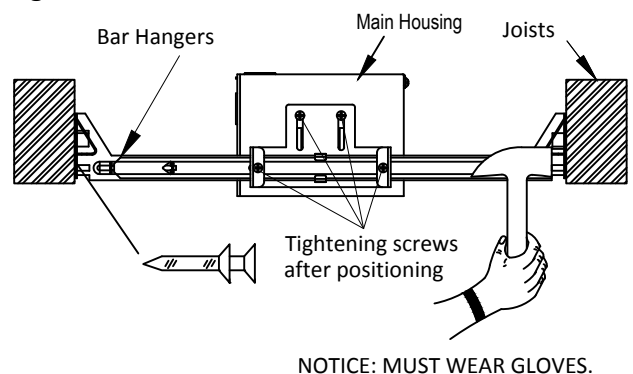


Fig.5

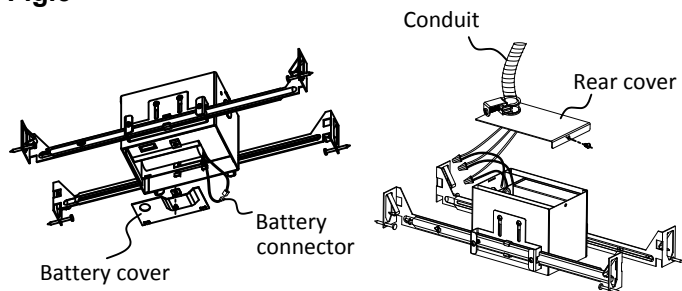


Fig.6

