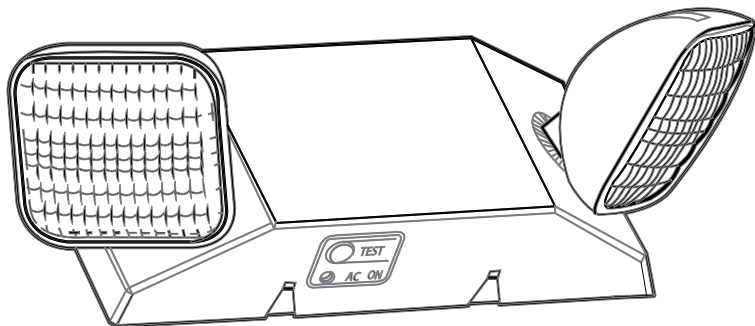


LITETRONICS®

LED Emergency Light with 2 Square Lamps Installation Instructions

Ordering Code: EMLU2SQ



WHAT COMES IN THE BOX

- (1) - Emergency Light
- (3) - Wire Nut
- (2) - Wall Anchor
- (2) - Mounting Screw
- (1) - Installation Instructions

TOOLS NEEDED

- Wire Stripper
- Wire Cutter
- Screwdriver

ATTENTION

1. Please check if there is any damage during shipping. If so, please contact LITERTRONICS Customer Service.
2. Please read the installation instructions carefully to check whether all the accessories are included.
3. After confirmation, install the fixture according to installation steps.

SAFETY INSTRUCTIONS AND WARNINGS

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE OBSERVED

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- Consult a qualified electrician to ensure correct branch circuit conductor.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Installation should only be conducted by a qualified electrician in accordance with NEC and any relevant local building codes.
- Risk of fire or electric shock. Emergency Light installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Be certain electrical power is OFF before and during installation and maintenance.
- Emergency Light must be connected to a wiring system with an equipment-grounding conductor.
- Make sure the supply voltage is the same as the rated Emergency Light voltage.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or sharp objects.
- No user serviceable parts inside of Emergency Light.

INSTALLATION INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Inspect the Emergency Light to understand its components.

Before starting installation, turn off power at circuit breaker.

JUNCTION BOX INSTALLATION

1. Insert a flat screwdriver into the bottom of the locking tabs and lightly pry the locking tabs away from the housing until they release from the housing. (Fig. 1)

2. Gently pull the backplate away from the housing.

3. Connect the PCB board connector to the battery connector. (Fig. 2)

Note: The battery will take 24 hrs. to fully charge.

4. Feed the fixture wires through the backplate and connect them to the power supply using wire nuts. For **120-277V applications** connect the red supply wire to the red fixture wire. Connect the white supply wire to the white fixture wire. Cap unused wires using provided wire nut.

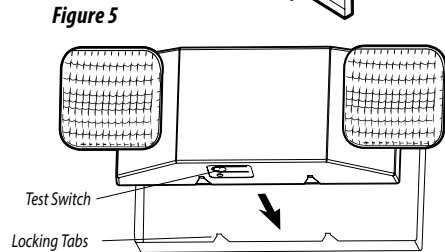
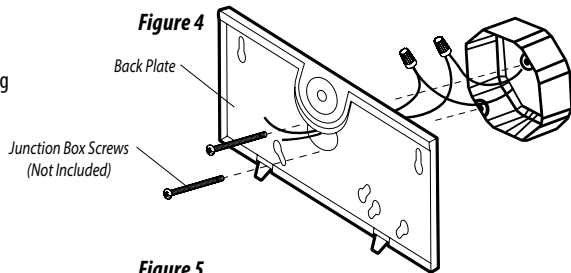
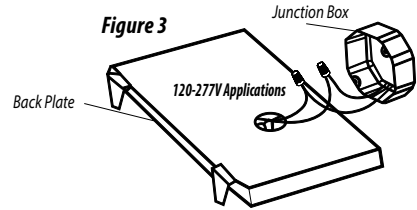
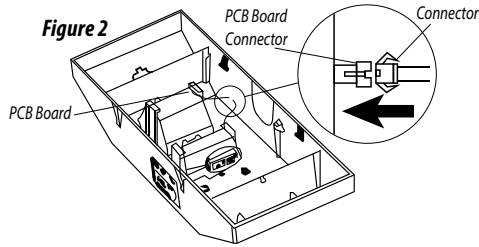
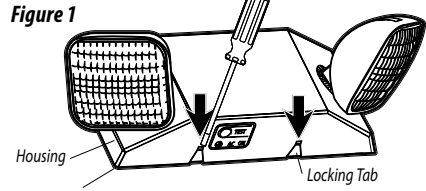
(Fig. 3)

5. Attach the backplate to the junction box using junction box screws (not included). (Fig. 4)

8. Align the locking tabs and push the housing directly onto the backplate. (Fig. 5)

9. Restore power to the fixture. The test switch should illuminate.

10. Installation is complete.



INSTALLATION INSTRUCTIONS

WALL INSTALLATION

CAUTION: USE FLEXIBLE CONDUIT ONLY.

1. Insert a flat screwdriver into the bottom of the locking tabs and lightly pry the locking tabs away from the housing until they release from the housing. (Fig. 1)
2. Gently pull the backplate away from the housing.

3. Connect the PCB board connector to the battery connector. (Fig. 2)

Note: The battery will take 24 hrs. to fully charge.

4. Using the backplate as a template, mark and drill two installation holes on the wall at the desired installation location.

5. Insert wall anchors into the holes. Attach the backplate to the wall by inserting screws through the backplate and into the wall anchors. (Fig. 3)

6. Route the wires through the hole in the conduit flange or through the rear of the backplate. Make the conduit connection in accordance with code requirements. For **120-277V applications** connect the red supply wire to the red fixture wire. Connect the white supply wire to the white fixture wire. Cap unused wires using provided wire nut. (Fig. 4)

7. Align the locking tabs and push the housing directly onto the backplate. (Fig. 5)

8. Restore power to the fixture. The test switch should illuminate.

9. Installation is complete.

MAINTENANCE

TESTING OPERATION

1. Allow the battery to charge at least 24 hours before testing.
2. To test the fixture, press the TEST button. The LED lamps should turn on.
3. Test the fixture regularly.

Figure 1

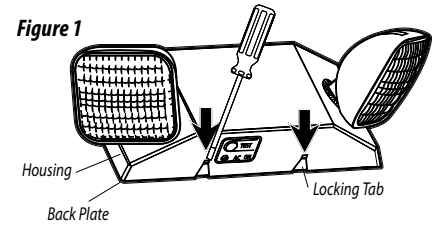


Figure 2

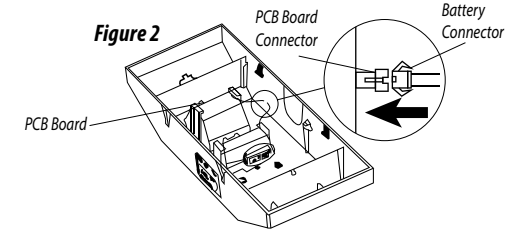


Figure 3

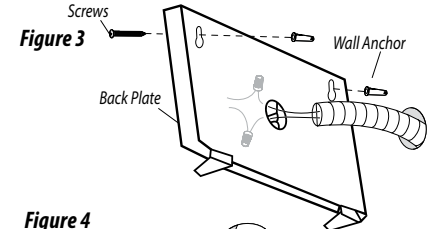


Figure 4

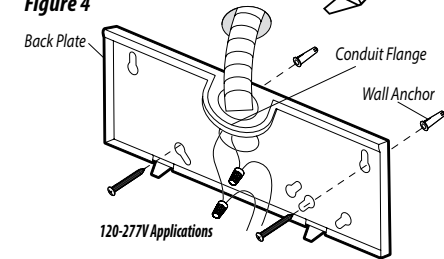
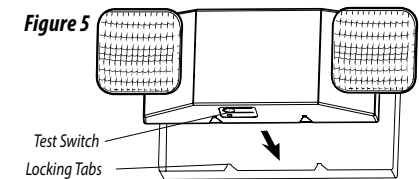


Figure 5



TESTING THE BATTERY

1. Test the unit's battery once per month. Additionally, every 12 months, a full 90-minute test should be performed. While disconnected from the main power supply, the EXIT sign should illuminate for a minimum of 90 minutes on battery back up power.

INSTALLATION INSTRUCTIONS

TROUBLESHOOTING

Problem	Possible Cause	Solution
The LED charge indicator does not illuminate.	AC power supply is off.	Ensure the unit has AC power supply. Restore the power at the breaker/fuse box.
	The unit is incorrectly wired.	Ensure the unit is wired correctly.
	The battery isn't connected	Ensure the battery is connected.
The LED emergency heads do not illuminate.	The battery is discharged.	Verify the unit is properly wired and connected to an AC power source. Allow the unit to charge for 24 hours and then re-test.
	The battery isn't connected.	Ensure the battery is connected.

Thank you for choosing

LITETRONICS®

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The information and product specifications contained in these instructions are based upon data believed to be accurate at the time of printing. This information is subject to change without notice and without incurring liability. If you have questions regarding specific product details, please contact us at 800-860-3392 or via email at customerservice@litetronics.com.

To check for an updated version of these instructions, please visit www.litetronics.com.