



INSTALLATION INSTRUCTIONS FOR LED EMERGENCY EXIT LIGHT

SAVE THESE INSTRUCTIONS
IMPORTANT SAFEGUARDS:

Model no.: **EM-7001-SS-R / EM-7001-SS-G**
EM-7001-DS-R / EM-7001-DS-G

When using electrical equipment, always adhere to basic safety precautions including the following:

IMPORTANT

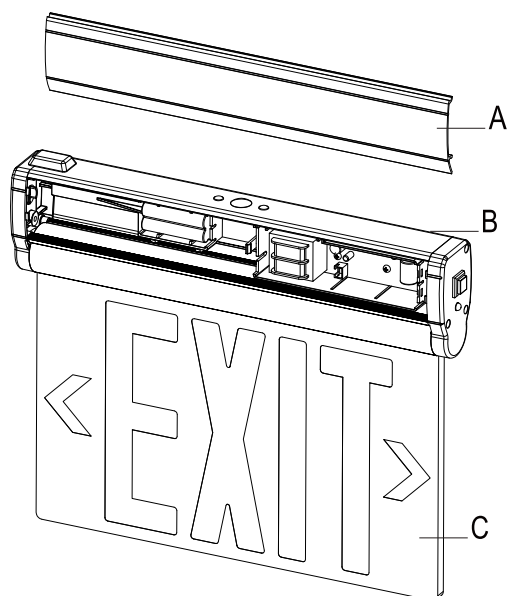
The battery in this unit may not be fully charged. After electricity is connected to unit, let battery charge for at least 24 hours, then normal operation of this unit should take effect. When re-lamping, use only LED lamps specified in the fixture. Using other lamp types may result in transformer damage or unsafe conditions.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outdoors.
2. Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
3. Do not mount near gas or electric heaters.
4. Cap unused wires with enclosed wire nuts or other approved method.
5. Do not use this equipment for anything other than its intended use.
6. The use of accessory equipment not recommended by the manufacturer will void product listing and warranty and may cause an unsafe condition.
7. Disconnect AC power before servicing and installation.
8. Consult local building code for approved wiring and installation.
9. Use caution when servicing batteries.
10. Any service on this equipment should be performed by qualified personnel only.
11. Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.

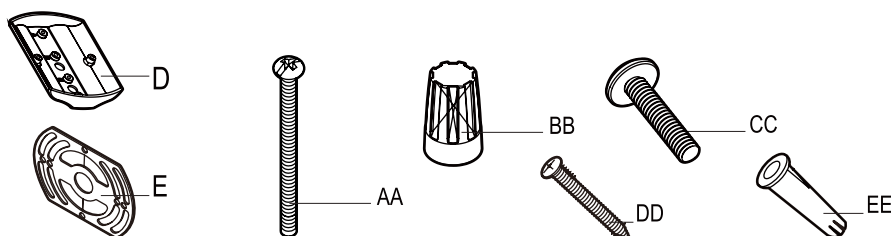
Installation

PACKAGE CONTENTS



Part	Description	Quantity
A	Face plate	1
B	Housing	1
C	Acrylic panel	1
D	Canopy	1
E	Mounting plate	1

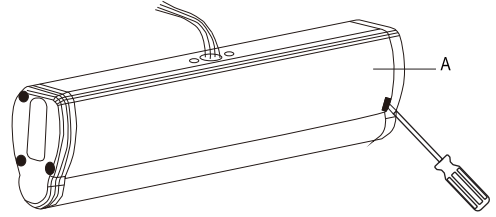
Part	Description	Quantity
AA	screws	2
BB	Wire nuts	4
CC	screws	2
DD	screws	2
EE	Wall anchors	2



Installation

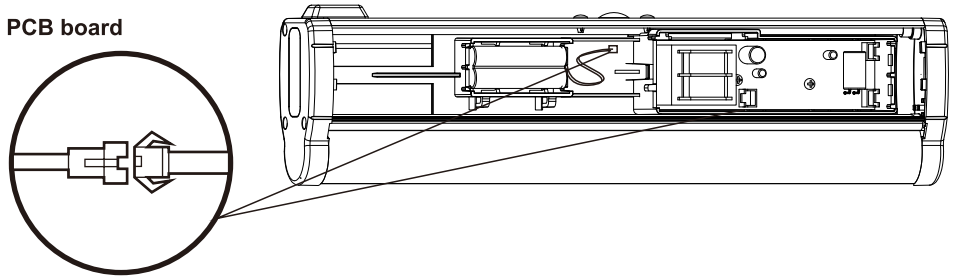
1 Preparing the exit light

- To expose the internal components of the exit lights, remove the face plate (A) by using flat screwdrivers to pry open.



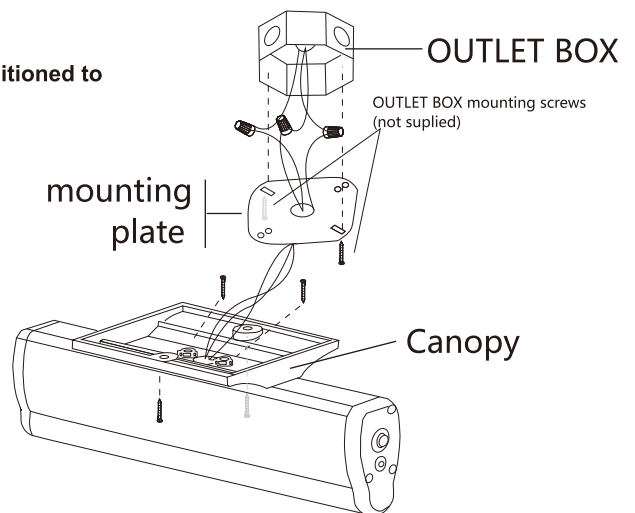
2 Connecting the backup battery

- Plug in the backup battery to the PCB board



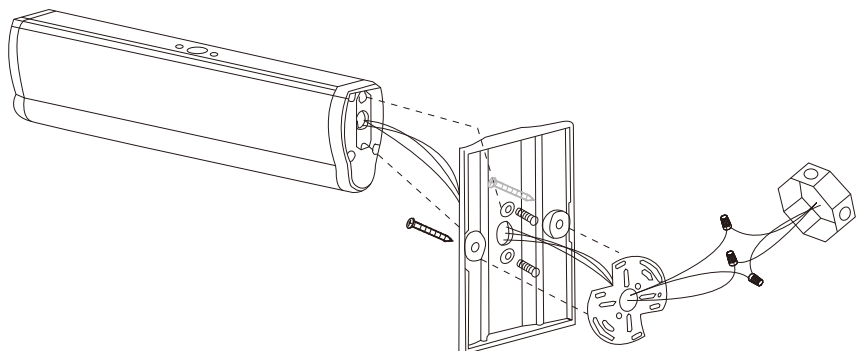
3 TOP-MOUNT INSTALLATION

- Attach the mounting plate (E) to the outlet box using the outlet box screws (not supplied). Ensure the mounting plate (E) is positioned to allow for the correct orientation of canopy (D) and fixture.
- Secure the canopy (D) to the top of the fixture housing (B) using screws (CC).
- Run the connection wires through the canopy (D).
- Make electrical connections as described in step and mount the canopy (D) to the mounting plate (E) using the two recessed mounting holes and two screws (AA).



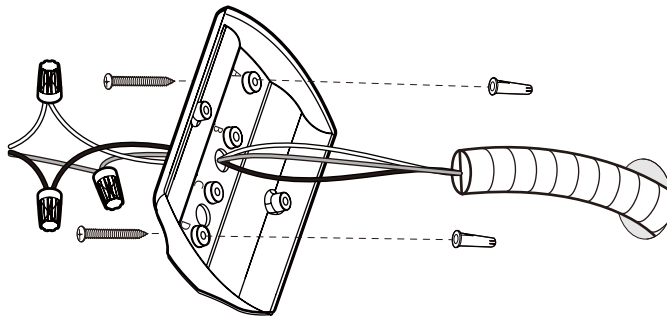
4 END-MOUNT INSTALLATION

- Attached the mounting plate (E) to the outlet box using the outlet box screws (not supplied). Ensure the mounting plate (E) is positioned to allow for the correct orientation of the canopy (D) and fixture.
- Secure the canopy (D) to the side of the fixture housing (B) using screws (CC).
- Run the connection wires through the canopy (D).
- Make electrical connections as described in step and mount the canopy (D) to the mounting plate (E) using the two recessed mounting holes and two screws (AA).



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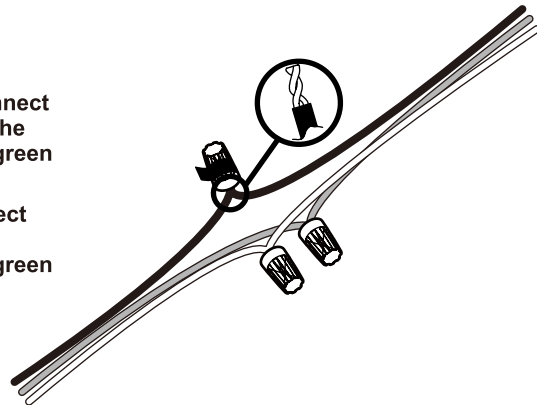
- If installing directly via flexible conduit, mount the canopy (D) to the wall using included wall anchors (EE) and wall anchor screws (DD)



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Connecting the wiring

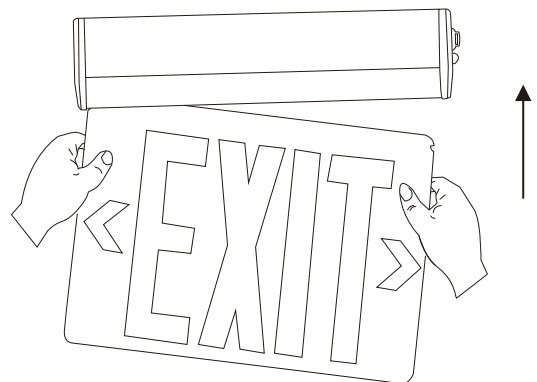
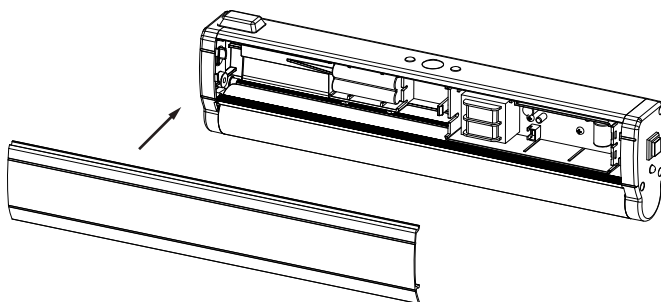
- Make wire connections using the wire nuts (BB).
- For 120V application, use the black and white wires. Connect the black supply wire to the black fixture wire. Connect the white supply wire to the white fixture wire. Connect the green supply wire to the green fixture ground wire.
- For 277V application, use the red and white wires. Connect the red supply wire to the red fixture wire. Connect the white supply wire to the white fixture wire. Connect the green supply wire to the green fixture ground wire.
- Cap unused wires using a wire nut (BB)



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Completing the installation

- Snap the face plate (A) back onto the housing (B).
- Restore power to the circuit.
- Allow 24 hours for the back-up battery to fully charge.



Insert EXIT panel into main body and determine direction for chevron placement

Maintenance

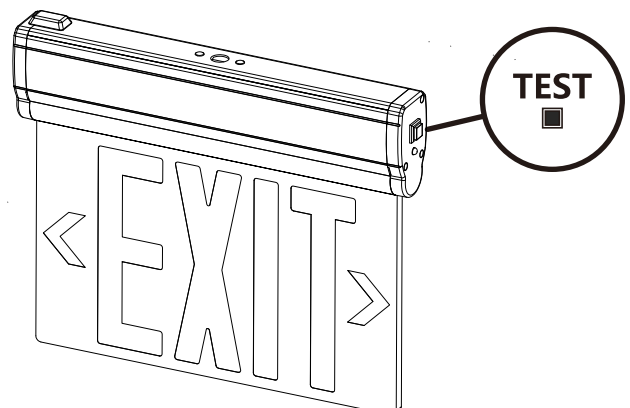
NOTE: National Electric Code (NEC) and NFPA life safety code regulations require that routine tests need to be performed.

TESTING OPERATION

With AC Power applied to the unit, the EXIT sign and A/C Power LED indicator should illuminate. When pushing the TEST button, the LED indicator should turn off, and the EXIT sign will remain illuminated.

TESTING THE BATTERY

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.



BATTERY REPLACEMENT

This fixture uses a Ni-MHRechargeableAAA600 mAH 4.8V battery.

To remove the battery:

- 1.Bend the battery catches away from the battery and remove the battery from the housing.
- 2.Disconnect the battery leads from the board terminal.
- 3.Connect the new battery to the board terminal.
- 4.Place the new battery in the battery location and ensure it is seated behind the battery catches.

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.