

INSTALLATION INSTRUCTIONS

LED INDUSTRIAL NEMA4X & NSF RATED EMERGENCY UNIT

IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not let power supply cords touch hot surfaces.
2. Do not mount near gas or electric heaters.
3. Turn off electrical power before and during installation.
4. Turn off electrical power before opening unit for maintenance or servicing.
5. Use caution when handling batteries. Battery acid can cause burns to the skin and eyes. Avoid possible shorting.
6. Equipment should be mounted in locations and at heights where it will not readily be subject to tampering by unauthorized personnel.
7. The use of accessory equipment not authorized by the manufacturer may cause an unsafe condition.
8. Do not use this equipment for other than its intended purpose.
9. Servicing of this equipment should only be performed by qualified service personnel.

Note: UL recommended maximum mounting height for this model is 16-ft

WALL MOUNT INSTALLATION

1. Extend AC of rated voltage nearby to the unit into recessed junction box (supplied by others). This circuit should NOT be energized/live at this time.
2. Remove the screw caps and loosen the four mounting lens screws until the lens is detachable. **Note:** Do not detach the four screws and eight O-rings from the lens' mounting holes.
3. Separate the lens from the fixture. Pull out the luminaire housing. Unscrew the battery brackets and pull the batteries out.
4. Determine the appropriate knockouts (K/O) to remove for mounting to the junction box. Support area around the knockouts and remove them using a hammer and screwdriver. Remove one of the ¾" knockouts in the center and route the fixture supply wires through it.
5. Place the gasket provided, between the fixture's back housing and the junction box. Route the fixture supply wires through one of the circular holes in the center of the gasket.
6. Refer to the "Wiring Diagrams" section and make electrical connections inside the junction box using the wire nuts provided. Cap off the unused (Red or Black) lead.
7. Using the two screws provided and the previously removed K/O holes, mount the fixture to the surface over the recessed junction box. Tighten the screws enough to compress the gasket to ensure a good sealed joint.
8. Install the batteries back using the brackets previously removed. Complete battery connection using the leads or connector from the PCB inside the housing. For SLA (Lead acid) battery models, refer to Fig. 1 to make the correct battery connections.
9. Attach the luminaire housing back onto the fixture. Adjust the lamps to the desired position.
10. Reinstall the lens using the four screws and eight O-rings. Tighten the screws enough to compress the gasket to ensure a good sealed joint. Replace the four screw caps.
11. Apply power. Allow the unit to charge for 24 hours before testing it in emergency mode.

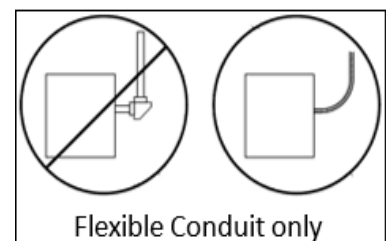
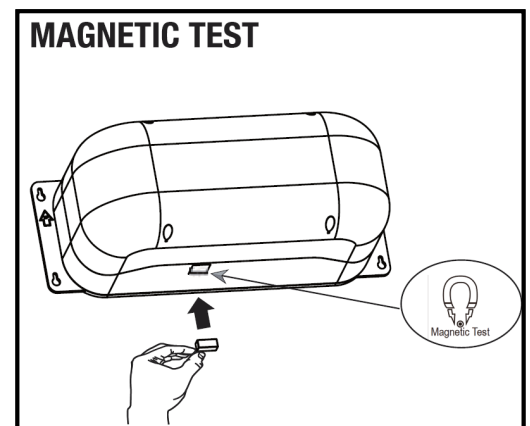
Installation Instructions

INSTALLATION WITH MOUNTING BRACKETS

1. Extend AC of rated voltage nearby to the unit into recessed junction box (supplied by others). This circuit should NOT be energized/live at this time.
2. Remove the (2) side gaskets from the gasket sheet provided and attach the sheet to the fixture's backside.
3. Mount the (2) surface mounting brackets onto the fixture's backside and secure using the screws provided.
4. Place the housing on the required surface. Drill (4) holes using the brackets holes as a drilling template and fix the mounting anchors inside the holes.
5. Remove the screw caps and loosen the four mounting lens screws until the lens is detachable. **Note:** Do not detach the four screws and eight O-rings from the lens' mounting holes.
6. Separate the lens from the fixture. Pull out the luminaire housing. Unscrew the battery brackets and pull the batteries out.
7. Remove the appropriate knockout (K/O) from the fixture's back using a hammer and screwdriver. Route the fixture supply wires through the opening on the backplate and the gasket attached to it.
8. Refer to the "Wiring Diagrams" section and make electrical connections inside the junction box using the wire nuts provided. Cap off the unused (Red or Black) lead.
9. Install the batteries back using the brackets previously removed. Complete battery connection using the leads or connector from the PCB inside the housing. For SLA (Lead acid) battery models, refer to Fig. 1 to make the correct battery connections.
10. Attach the luminaire housing back onto the fixture. Adjust the lamps to the desired position.
11. Reinstall the lens using the four screws and eight O-rings. Tighten the screws enough to compress the gasket to ensure a good sealed joint. Replace the four screw caps.
12. Mount the fixture to the surface using the (4) mounting screws and previously installed screw anchors.
13. Apply power. For units with battery, allow the unit to charge for 24 hours before testing it in emergency mode.

CONDUIT MOUNT INSTALLATION

1. Remove the screw caps and loosen the four mounting lens screws until the lens is detachable. **Note:** Do not detach the four screws and eight O-rings from the lens' mounting holes.
2. Separate the lens from the fixture. Pull out the luminaire housing. Unscrew the battery brackets and pull the batteries out.
3. Remove the knockouts in the top side of the housing using a hammer and screwdriver.
4. Attach UL LISTED and SUITABLE FOR WET LOCATIONS conduit to the fixture housing.



Installation Instructions

INSTALLATION ON THE JUNCTION BOX

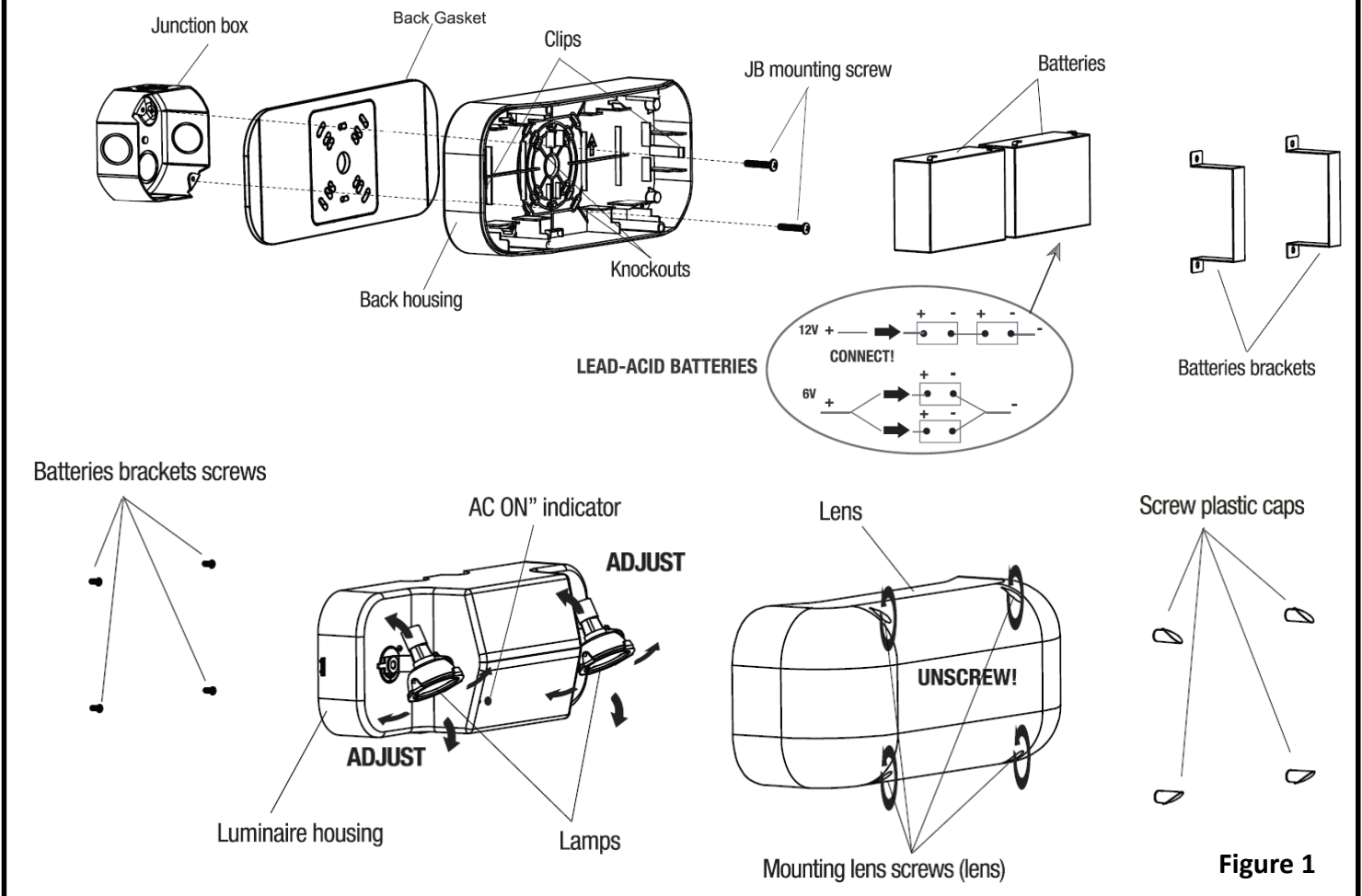


Figure 1

INSTALLATION WITH MOUNTING BRACKETS

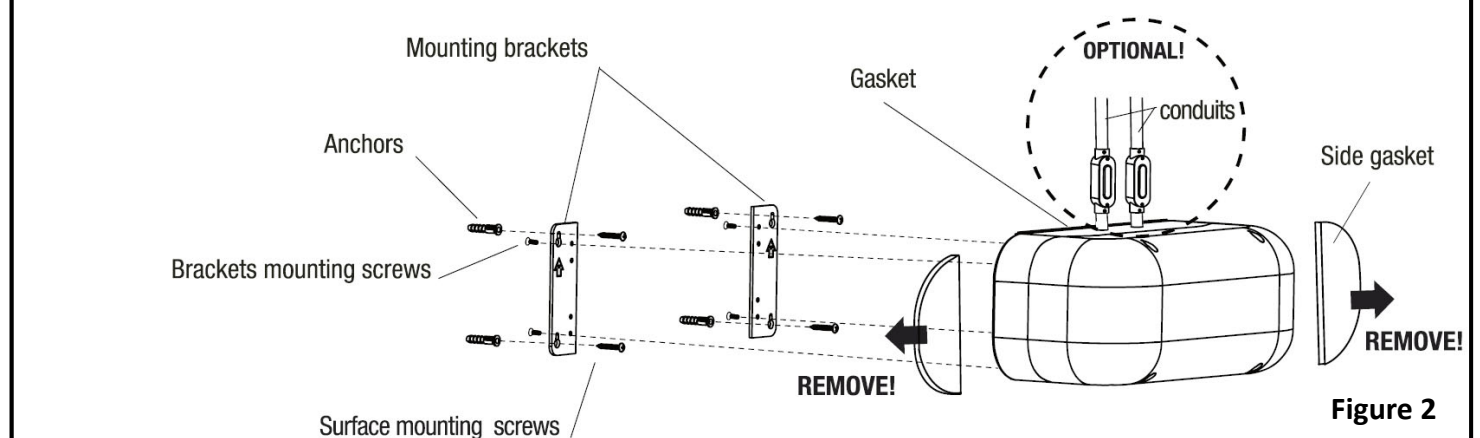


Figure 2

OPERATION

1. Apply AC power to the unit. The LED indicator will be GREEN.
2. After the battery has been left to charge for 2 hours, test the unit using the magnetic test switch. The LED indicator turns OFF and the lampheads should turn ON at this time.
3. When the magnet is removed, the LED indicator turns back to GREEN, and the lampheads should turn OFF at this time.

Wiring Diagrams:



MAINTENANCE

BATTERY: The battery supplied requires no maintenance. However, it should be tested periodically and replaced when it no longer operates the connected unit for the duration of a 30-second or 90-minute test.

TESTING

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