

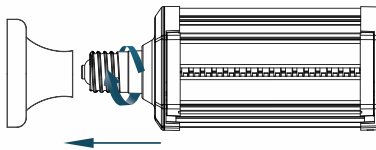
LED OUTDOOR RETROFIT AREA LIGHT INSTALLATION INSTRUCTIONS

Items:

LARL/80/850/EX39-81 and LARL/110/850/EX39-81

Lamp Installation

Suitable for use in enclosed fixture



Step:1

Shown as Figure 1

Turn off the power before installation.
Remove the old ballast, capacitor and ignitor (if existing)

Step:2

Shown as Figure 2

Make sure the Alternating Current Wires connect to the EX39 socket directly. (Reattach or replace ground leac, if needed)

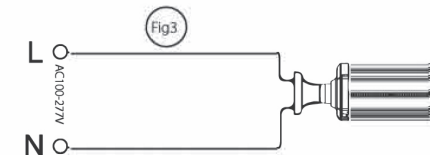
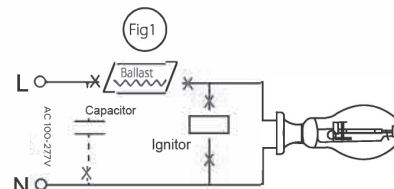
Step:3

Shown as Figure 3

Screw the LED lamp onto the corresponding socket.

Product Size: (unit=inches)

Watt	Lamp Base	Lamp Dimension (L*W*H)	Minimum compartment (L*W*H)
80W	EX39	8.47 x 4.39 x 4.69	9.25 x 11 x 11
110W	EX39	11.1 x 4.39 x 4.69	11.52 x 11 x 11



GENERAL SAFETY PRECAUTIONS:

When using electrical equipment, basic safety precautions should always be followed, including:

WARNING: Risk of fire or electric shock.

- Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
- LED Retrofit lamp installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Install this kit only in luminaires that have the construction features and dimensions shown in the photographs or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- Electrical rating of this product is 120-277V. Installer must confirm that there is 120-277V at the fixture before installation.

CAUTION:

- These LED Lamps require all ballasts, capacitors, and ignitors to be bypassed or removed. Do not operate lamps on existing ballasts. LED Lamp models below can be used for dry or damp locations. Do not use where directly exposed to water.
- Product is not dimmable. Do not use with dimmers or attempt to dim.
- Added weight of the device may cause instability of a free-standing portable luminaire.
- Ambient temperature: -20°F to 105°F.
- Device is not intended for use with emergency exits.
- When using in portable table luminaires, ensure the distance from the bottom of the base to the top of the lampholder does not exceed three (3) times the base diameter.
- Before installation ensure AC power to the fixture is off.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes of the wiring enclosure or electrical component enclosure during installation. Only those open holes indicated in the photographs or drawings may be added or altered as a result of kit installation. Do not leave any other open holes in the wiring enclosure or electrical component enclosure during installation.
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors

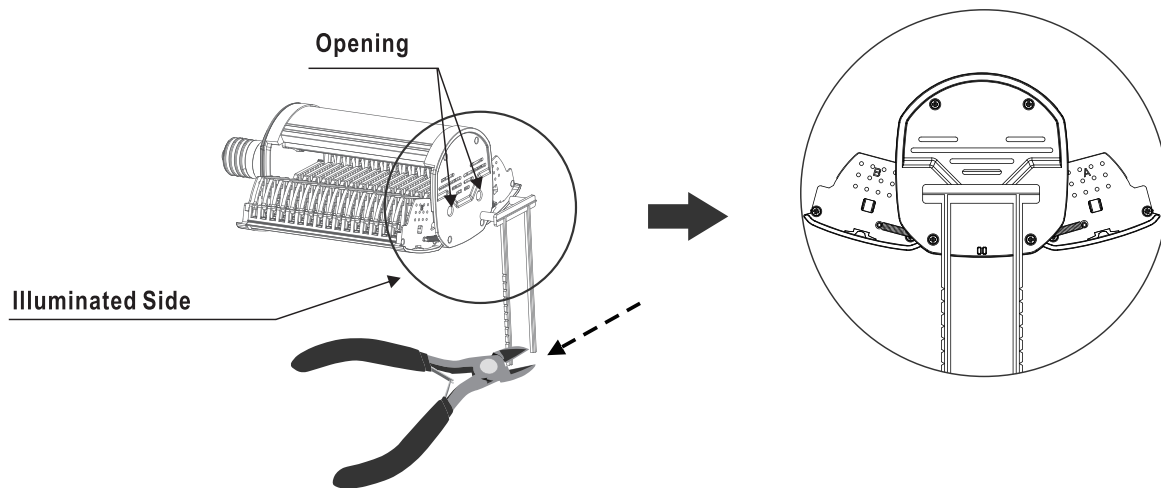
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Items:

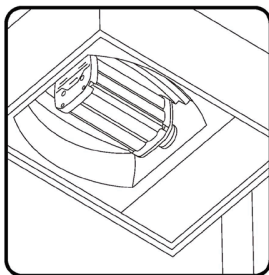
LARL/80/850/EX39-81 and LARL/110/850/EX39-81

FOR INSTALLATION USING SUPPORT STAND:

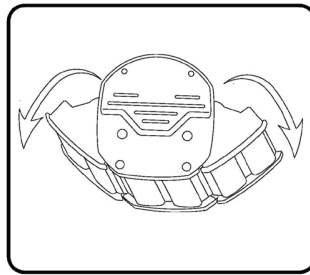
For installation in downward facing horizontal fixture, use support with double "prongs" Cut to desired length after installation. See chart A



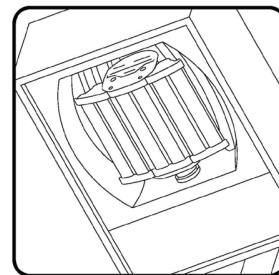
PLEASE NOTE: LAMP BODY MUST BE EXTENDED WITH 2 SIDES TO LIGHT UP



1. Place lamp into the fixture and screw into the socket



2. Adjust the lamp so the center light panel is facing toward the front of the fixture and unfold the side panels down



3. Complete installation with mounting bracket and replace lamp lens