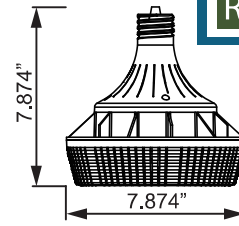


# LED-8036M

# Installations Instruction



| SKU            | Description                            |
|----------------|--|
| LED-8036M30-A  | 100W Low/High Bay LED, 120-277V, 3000K |
| LED-8036M40-A  | 100W Low/High Bay LED, 120-277V, 4000K |
| LED-8036M57-A  | 100W Low/High Bay LED, 120-277V, 5700K |
| LED-8036M30C-A | 100W Low/High Bay LED, 347V, 3000K     |
| LED-8036M40C-A | 100W Low/High Bay LED, 347V, 4000K     |
| LED-8036M57C-A | 100W Low/High Bay LED, 347V, 5700K     |



### Contents:

- 1 PCS LED Retrofit lamp
- 1 PCS Re-lamping label
- 1 PCS Installation instructions

### Read this before you start installation:

1. To avoid possible electric shock, power supply must be turned off at fuse box or circuit breaker before installing or servicing.
2. Check your local electrical code. This code sets wiring standards for your area and should carefully studied before starting installation. High voltage wiring connecting the fixture must have a temperature rated minimum of 194°F.
3. Inspect existing fixture:
  - Fixtures gaskets/seals must be able to prevent water and insects from entering enclosed fixture.
  - Fixture meets minimum size requirements listed at right.
  - Ballast must be bypassed or removed.
4. Consider installing surge/lightning protectors where high lightning activity is present or at facilities where over voltages are common.

### INSTALLATION REQUIREMENTS

|  |   |
|--|---|
| <b>Input Voltage</b>                   | 120-277VAC (USA)<br>347VAC ("C" Models)   |
| <b>Frequency</b>                       | 50/60Hz   |
| <b>Lamp Holder</b>                     | EX39 or E39   |
| <b>Approved Fixtures and Locations</b> | <u>Outdoor Luminaires</u><br>(Fully enclosed or with cover or lens to prevent entry of water)<br><u>Indoor Luminaires</u><br>(Open or Fully Enclosed) |
| <b>Minimum Fixture Size</b>            | A <u>minimum</u> of 2" spacing between lamp and fixture housing is required to meet heat rating of LED lamp   |
| <b>Approved Lamp Orientations</b>      | <br>Base Up      Base Down      Horizontal  |
| <b>Moisture Rating</b>                 | UL approved for damp environments   |

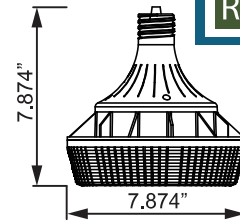
### IMPORTANT SAFETY INSTRUCTIONS FOR LED RETROFIT CONVERSION:

FOR USE ONLY WITH HID LUMINAIRES IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED WITH THIS RETROFIT KIT.

- WARNING - RISK OF FIRE OR ELECTRICAL SHOCK.** LED retrofit kit installation requires knowledge of the existing luminaire's electrical design.
- WARNING - RISK OF FIRE OR ELECTRICAL SHOCK.** Install this kit only in luminaires that have the features and dimensions shown in the requirements box.
- WARNING -** Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- WARNING -** To prevent wiring damage or abrasion, do not expose wiring to sharp edges of housing or other sharp surface.
- WARNING -** Suitable for DAMP LOCATIONS. **Not for use with magnetic ballast.** SUITABLE FOR USE IN ENCLOSED LUMINAIRES.

**THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.**

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### Electrical System Guidance

It is highly recommended that a licensed electrical contractor/electrician be used to install the LED retrofit lamp

#### Installation:

- Step 1:** Disconnect Electrical Power to fixture.  
**Step 2:** Remove or wire past the HID ballast.  
**Step 3:** Lamp can operate on any voltage from 120V through 277V or 347V (C models).

Connect the two common wires from the power source directly to the corresponding leads to the socket.

**NOTE:** The screw of the lamp holder (not the center contact point) shall be connected to the NEUTRAL wire (white or gray)

#### Voltage

120V, 277V, & 347  
 208V & 240V  
 480V

#### Wiring Breakdown

One (1) Hot, One (1) Neutral  
 Two (2) Hots  
 You must add 480V-277V Autotransformer to convert circuit to 277V

- Step 4:** Thread the retrofit lamp onto the female socket of the existing luminaire. Do Not over-torque socket, will cause damage to lamp!  
**Step 5:** Apply the silver adhesive label to the inside of the luminaire where it will be visible during re-lamping.  
**Step 6:** Turn on electrical power to the fixture.

### Wiring Diagram

