

# LUNERA HID LED

## Installation Guide

Ballast Driven (UL Type A) / Mogul (E39) and Medium (E26) Base



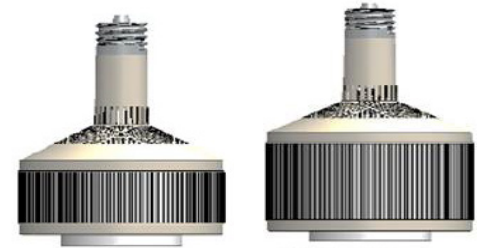
### Product Description:

The LUNERA HID LED Ballast Driven LED lamp Mogul (E39) / Medium (E26) Base is a replacement of 400W-70W HID lamps.

Read this install guide carefully prior to lamp installation.

Product SKU on the lamp must match one of the following SKUs:

Product SKU	Luminous Flux	Avg. Lamp Power	Base Type
SN-V-E39-B-20klm-8XX-G3	20,000lm	230W	Mogul (E39/EX39)
SN-V-E39-B-15klm-8XX-G3	15,000lm	164W	Mogul (E39/EX39)
SN-VS-E39-B-9klm-8XX-G3	9,000lm	103W	Mogul (E39/EX39)
SN-VS-E39-B-4.5klm-8XX-G3	4,500lm	58W	Mogul (E39/EX39)
SN-V-E26-B-9klm-8XX-G3	9,000lm	103W	Medium (E26)
SN-V-E26-B-4.5klm-8XX-G3	4,500lm	58W	Medium (E26)
SN-VS-E26-B-9klm-8XX-G3	9,000lm	103W	Medium (E26)
SN-VS-E26-B-4.5klm-8XX-G3	4,500lm	58W	Medium (E26)



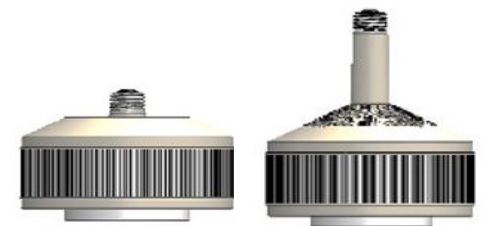
V, VU  
Mogul Base  
Up to 9,000lm

V  
Mogul Base  
Up to 20,000lm

THIS LAMP IS NOT INTENDED FOR USE WITH AN EXTERNAL LED DRIVER, ELECTRONIC HID, OR HIGH-REACTANCE (HX) BALLASTS. THIS LAMP IS NOT EVALUATED FOR USE FOR EMERGENCY LIGHTING.

### Installation Instruction - Ballast Driven Lamp

1. Turn power off to the fixture.
2. Carefully remove the existing Metal Halide (MH) or High Pressure Sodium (HPS) bulb. Unscrew the lamp from the base slowly to avoid breakage.
3. Check the lamp enclosure to ensure the HID lamp is not rated above 400W. The Lunera HID LED G3 lamp is an LED replacement of 400W - 70W HID lamps. (This lamp is not rated for installation with HID ballasts rated above 400W.)
4. Make sure the socket is not damaged. Replace broken sockets with new sockets.
5. Install the Lunera HID LED lamp into the existing socket. If the lamp does not seat properly, do not apply force. Check to make sure the fixture has E39/EX39 or E26 socket. (Attach lamp's lanyard to the existing fixture)
6. Turn On power.  
(If the Lunera HID LED GEN 3 lamp flickers, strobos, or fails on installation, immediately turn OFF power and contact Lunera)



VS, VSU








V, VU

Medium Base  
Up to 9,000lm





## Intended Applications

The Lunera HID LED lamp is designed to replace MH and HPS lamps in the following compatible applications:

Wattage Compatibilities	Sockets	Power Source	Mount
<p><b>Lunera HID LED</b> Mogul (E39) Base</p>  <p>= 400W-70W MH or HPS</p>	<p>E39 / EX39 Mogul</p> 	<p>Magnetic HID Ballast</p> 	<p>Vertical Mount High Bay / Low Bay or Parking Garage fixtures</p> <p><b>Fixture Type</b></p>  <p>High Bay      Low Bay</p>  <p>Parking Garage</p>
<p><b>HID LED LED</b> Medium (E26) Base</p>  <p>= 400W-70W MH or HPS</p>	<p>E26 Medium</p> 		

## Incompatible Applications

Installation of the Lunera HID LED lamp in **INCOMPATIBLE** applications may cause the lamp to flicker, strobe, or fail entirely (Installation in the following applications will VOID the warranty.)

Wattage Incompatibilities	Incompatible Power Sources
<p><b>Lunera HID LED</b> <b>NOT</b> acceptable to replace any lamp or ballast wattage above 400W.</p> 	<p>Electronic HID Ballast</p> <p>External LED Driver</p> <p>CWA Ballast Above 400W</p> <p>High-Reactance HX Ballast</p> <p>Emergency Battery Backup</p>
<p>The Lunera HID LED lamp does NOT support operation with 600W or 1000W HID ballasts.</p> 	

Product warranty will be voided if lamp installed while power is "ON" to the fixture.

## General Safety Information

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

**DANGER** - RISK OF SHOCK - TURN POWER OFF BEFORE INSTALLATION

**WARNING** - IF THE LAMP OR LUMINAIRE EXHIBITS UNDESIRABLE OPERATION (BUZZING, FLICKERING, ETC) IMMEDIATELY TURN OFF POWER, REMOVE LAMP FROM LUMINAIRE AND CONTACT MANUFACTURER.

CETTE LAMPE OPERE SEULEMENT AVEC LE BALLAST ELECTRONIQUE. SI LA LAMPE NE S'ALLUME PAS QUAND L'APPAREIL D'ECLAIRAGE ACTIVE, ENLEVEZ LA LAMPE DE L'APPAREIL D'ECLAIRAGE ET CONTACTEZ LE FABRICANT DE LAMPE OU UN ELECTRICIEN QUALIFE.

**CAUTION** - RISK OF FIRE - IF INSTALLING THIS LAMP IN A PRE-HEAT LUMINAIRE, REMOVE THE AUTOMATIC STARTERS FROM THEIR HOLDERS BEFORE INSTALLING THE LAMP.

ATTENTION RISQUE DE FEU - SI LA LAMPE OU LE LUMINAIRE MONTRE DESIGNES D'OPERATION UNDESIRABLE (BRUIT, VIBRATION, CLIGNOTEMENT, ETC.), ALORS COUPER IMMEDIATEMENT LE COURANT ET ENLEVER LA LAMPE DE L'APPAREIL D'ECLAIRAGE ENTRER EN CONTACT AVEC LE FABRICANT.

THIS LAMP IS NOT INTENDED FOR USE WITH EXTERNAL LED DRIVER, ELECTRONIC HID, OR HIGH-REACTANCE (HX) BALLASTS.

**CAUTION** - DO NOT INSTALL THIS LAMP TO HID BALLASTS RATED ABOVE 400W. THIS LAMP SUPPORTS INSTALLATION WITH CWA HID MAGNETIC BALLASTS.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS OR NOT FOR EMERGENCY LIGHTING.

TURN POWER OFF TO THE FIXTURE BEFORE INSTALLING THIS LAMP.  
MIN. LAMP COMPARTMENT DIMENSIONS; MIN. 38 CM (15") DIAM. AT THE BOTTOM, 16.5 CM (6.5") DIAM. ON TOP. 27.9 CM (11") DEPTH.

LUNERA HID LED HAS BEEN EVALUATED FOR OPERATION WITH THE FOLLOWING ANSI BALLASTS: H33, M59, S51, S106, M131, H37, H39, M57, M58, S50, S66, M102, M107, S55, S56, H38, H43, L69, L70, L71, L72, M90, M98, M110, S62, S68, AND S76.