

LUNERA HID LED VERTICAL E26

95W LED Replacement for High Intensity Discharge Lamps (E26 Medium base)
Type B - Ballast Bypassed

Installation Description

The **LUNERA HID LED VERTICAL E26** (Type B, ballast bypassed) LED lamp, Medium (E26) Base, is a replacement for 250W~100W Metal Halide (MH) and High Pressure Sodium (HPS) lamps. The lamp's integrated universal drive supports 120V ~ 277V operation. This lamp may only be installed to direct AV voltage.

Read this install guide carefully prior to lamp installation.

Product SKUs

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

Product SKU	Luminous Flux	Avg. Lamp Power	Base Type
SN-VS-E26-B-9KLM-8yy-G3	9,900lm	95W	Medium (E26)

yy= 35=3500K; 40=4000K; 50=5000K

Minimum Fixture Dimensions

38 CM (15") DIAMETER AT THE BOTTOM
16.5 CM (6.5") DIAMETER ON TOP
27.9 CM (11") DEPTH

Installation Instructions - Type B, Ballast Bypassed

1. Turn power OFF to the fixture.
2. Remove existing HID lamp from the fixture.
3. Follow the steps below to bypass the existing HID ballasts (See Figure 1.)
 - Step 1: Disconnect Line Voltage (Hot Wire) from the HID ballast as shown in Figure 1.
 - Step 2: Disconnect Neutral (COM) from the capacitor in the HID system.
 - Step 3: Disconnect the socket completely from the HID ballast.
 - Step 4: If the socket has a ground wire (Green) attached to the fixture; do not disconnect the ground wire.
 - Step 5: Connect Hot (120VAC-277VAC) to black wire; and Neutral to white wire connected to E39 socket (See Figure 2).
4. Make sure the socket is not damaged.
5. Install the Lunera HID LED Lamp. (Attach lamp's lanyard to the existing fixture)
6. Apply re-lamping label on a visible location inside the fixture.
7. Turn power ON.



Frosted Lens 9,900lm
VS



Ballast Bypassed Wiring

Figure 1: Bypassing the magnetic ballasts; follow Steps 1 through 4 in the preceding instructions to bypass the MH or HPS ballast.

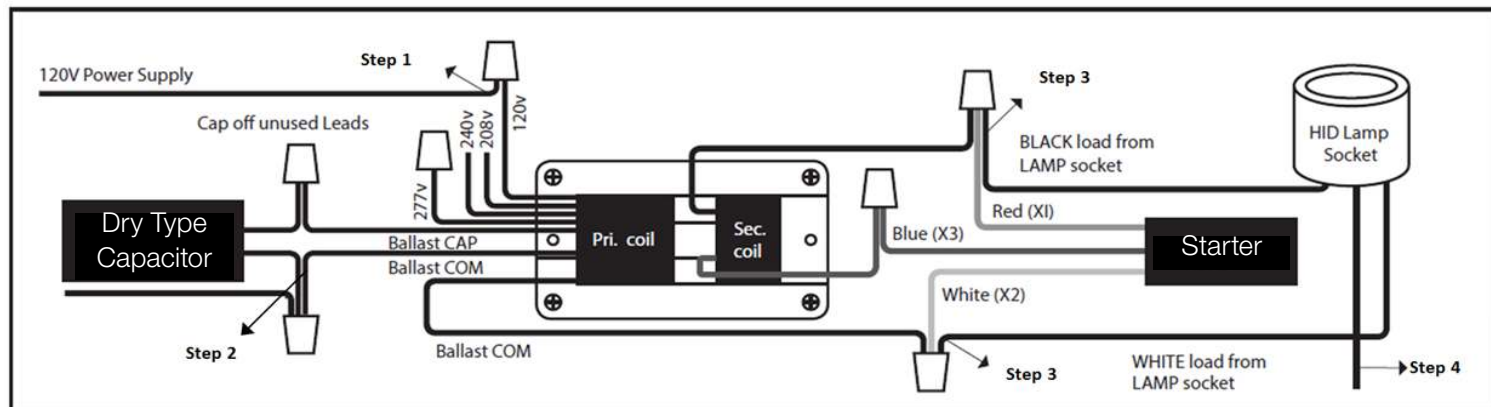


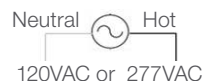
Figure 2: (Step 5) Bring Line Voltage to the socket; Connect HOT to black wire and NEUTRAL to white wire connected to E26 socket.

Lamp can be installed into close bottom or open bottom fixtures. (See required luminaire dimensions on the next page.)

An example of open bottom luminaires:
Lithonia THD 400S A15 TB



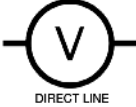



An example of closed bottom luminaires:
Lithonia TXC 250S A23 TB

120V-277V High Bay Luminaire





Intended (Ballast Driven, Type A) 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>LUNERA HID LED Medium (E26) Base</p>  <p>= 250W-100W MH or HPS</p>	<p>E26 Medium</p> 	<p>120V-277V Line Voltage</p>  <p>DIRECT LINE</p>	<p>Vertical Mount</p> <p>Fixture Types</p>  <p>Low Bay Pendant</p>  <p>Surface Mount</p>  <p>Recessed</p>

Incompatible Applications

Installation of the LUNERA HID LED VERTICAL E26 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	Incompatible Controls
<p>Lunera HID LED</p>   <p>The LUNERA HID LED VERTICAL E26 lamp does NOT replace any metal halide or high pressure sodium lamp above 250W.</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>This lamp is not dimmable.</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 DESIGNEES 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.

NOTES: This device complies with Part 15 of FCC Rules.

*Operation is subject to the following conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operations.