

LUNERA HID LED VERTICAL

95W-54W LED Replacement for High Intensity Discharge Lamps

Type B - Ballast Bypassed (E26 Medium Base)

Description

The **LUNERA HID LED** is a line driven (Type B, ballast bypassed) LED replacement for Metal Halide (MH) and High Pressure Sodium (HPS) lamps with an E26 medium base. This lamp replaces 250W ~ 70W MH and HPS lamps and delivers up to 9,900 lumens of beautiful LED light.

The LUNERA HID LED VERTICAL lamp's built-in driver allows lamp operation from line voltage of 120V ~ 277V.

The vertical-mount lamp can be optionally configured with a short neck, making it suitable for low profile fixtures; a 10% uplight, ideal for pendants with acrylic shields; or a Type V lens for maximum light distribution.

The LUNERA HID LED VERTICAL is available in 3500K, 4000K and 5000K color temperatures and delivers consistent light levels across its long life, which results in a high quality lighting experience for the building's occupants.

The LUNERA HID LED VERTICAL is rated at 50,000 hours and is backed by a five-year warranty.



Frosted Lens

9,900lm
5,700lm
V, VU



Frosted Lens

9,900lm
5,700lm
VS, VSU

Features

- Directly replaces 250W ~ 70W HID lamps with 95W ~ 54W LED
- Type B (ballast bypassed) Installation; supports 120V ~ 277V
- Delivers up to 9,900 (95W) and 5,700 (54W) lumens of usable light with >80 CRI
- CCT 3500K, 4000K and 5000K
- Supports E26 medium base HID sockets
- Works well in enclosed fixtures
- Thermal IQ to support ambient temperatures up to 150°F
- Uplight Option with 10% uplight illumination (VSU, VU); Neck Length Option (VS) for short fixtures; Type V Lens Option, ideal for parking garages



Ordering Information

Example: SN-V-E26-L-4.5KLM-835-G3

Series	Version	Socket Type	Power Supply	Lamp Lumens	CCT	Generation
SN LUNERA HID LED	V Vertical	E26 Fits in medium (E26) base HID socket	L Ballast Bypassed 120V ~ 277V	9KLM 9,900lm	835: 80CRI / 3500K	G3 3rd Generation
	VU Vertical Uplight			4.5KLM 5,700lm	840: 80CRI / 4000K	
	VS Vertical Short Neck				850: 80CRI / 5000K	
	VSU Vertical Uplight Short Neck					

PROJECT	CONTACT	MODEL NO.
REFERENCE NO.	QUANTITY	DATE

Performance Specifications - Vertical Mount Lamp - 9,900lm / 5,700lm

	9,900 lumens	5,700 lumens
Illumination		
Color Temperatures	3500K, 4000K, 5000K	3500K, 4000K, 5000K
Lumens	Up to 9,900lm	Up to 5,700lm
Color Consistency	Lunera TruColor LED Selection	Lunera TruColor LED Selection
Lumen Maintenance (L70)	50,000+ hours life	50,000+ hours life
Electrical System		
Input Voltage	120V - 277V (ballast bypassed)	120V - 277V (ballast bypassed)
Average Lamp Power	95W	55W
Lamp Wattage Replaced	250W/175W/150W/100W/70W	175W/150W/100W/70W
Dimming	Contact Lunera for Compatibility	Contact Lunera for Compatibility
Physical		
Dimensions (H x W)	8.18" x 6.31" (Vertical Long) 5.01" x 6.31" (Vertical Short)	8.18" x 6.31" (Vertical Long) 5.01" x 6.31" (Vertical Short)
Weight	1.8lb (Vertical Long) 1.5lb (Vertical Short)	1.8lb (Vertical Long) 1.5lb (Vertical Short)
Housing and Finish	Plastic	Plastic
Heat Sink Size	6"	6"
Configuration	Vertical, Vertical Short Neck (V, VS)	Vertical, Vertical Short Neck (V, VS)
Lens	Frosted or Type V option	Frosted or Type V option
Environment		
Ambient Temperature*	-40°F to 150°F	-40°F to 150°F
Humidity Rating	Damp OK, no direct water spray	Damp OK, no direct water spray
Fixture Type	Open or enclosed	Open or enclosed
Installation		
Socket Type	Fits vertical mount medium base (E26) HID socket	Fits vertical mount medium base (E26) HID socket
Certifications & Qualifications		
UL (US and Canada)	Classified (UL1598-C)	Classified (UL1598-C)
FCC**	Complies with Parts 15A/B	Complies with Parts 15A/B
RoHS Compliant	Contains no lead or mercury	Contains no lead or mercury
LM79, LM80, IES Files	Available. Contact Lunera.	Available. Contact Lunera.
DesignLights Consortium (DLC)	No Category	No Category
Warranty		
Warranty	5 years	5 years

* Thermal IQ is a proprietary Lunera technology which enables the LUNERA HID LED VERTICAL to operate reliably up to 150°F ambient by dimming itself at extreme temperatures based upon thermal characteristics of the fixture in which it has been installed.

** 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.

Lens Type V Option



Application Notes

The LUNERA HID LED VERTICAL is designed to replace Metal Halide (MH) and High Pressure Sodium (HPS) lamps in the following compatible applications:

Wattage Compatibilities	Sockets	Power Source	Mount
Lunera HID LED Medium (E26) Base  250W - 70W MH or HPS	E26 Medium 	120V- 277V Line Voltage 	Vertical Mount Fixture Type  Surface Mount Low Bay

The Lunera HID LED lamp can be used in open and fully enclosed fixtures.

- Warranty will be voided if the product is installed into/with the following:
- Installed with leading-edge or other incompatible dimmers
 - Line Voltage above 277V (e.g. 280V, 347V, or 480V)
 - LED Drivers

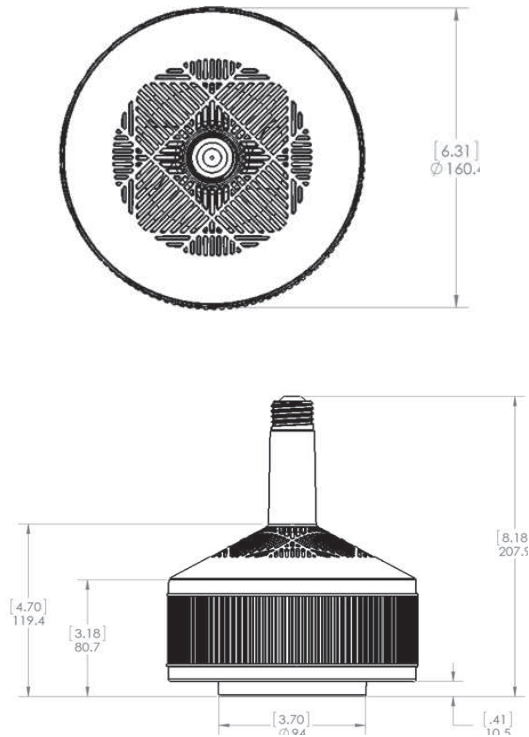
CAUTION

Turn off power when installing the Lamp.
Do NOT install this lamp into line voltage above 277VAC.

Product Dimensions

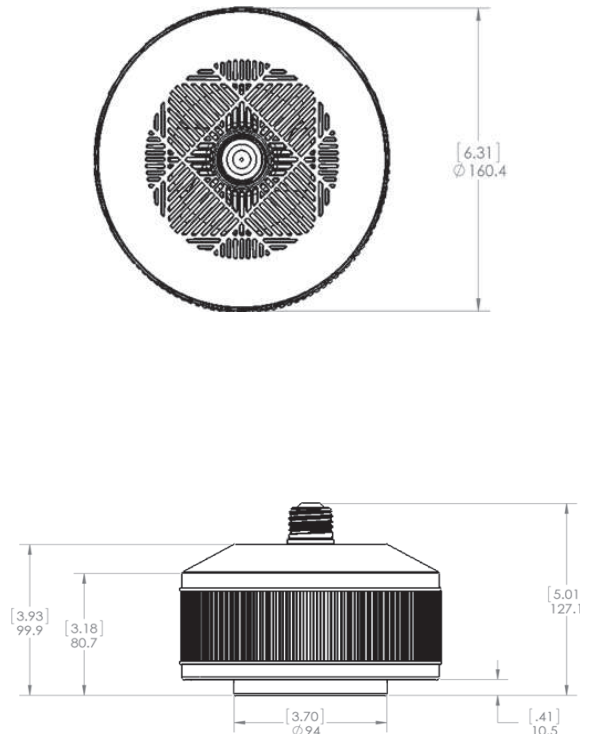
Measurements are exact. Dimensions are shown in millimeters and inches. Please contact your Lunera representative for other product dimensions.

Vertical E26 / Vertical Uplight E26
9,900lm / 5,700lm
Frosted Lens



Sample Part Numbers:
 SN-V-E26-L-4.5KLM-8XX-G3
 SN-V-E26-L-9KLM-8XX-G3
 XX: may be 35 (3500K),
 40 (4000K), or 50 (5000K)

Vertical Short Neck E26 / Vertical Short Neck Uplight E26
9,900lm / 5,700lm
Frosted Lens



Sample Part Numbers:
 SN-VS-E26-B-9KLM-8XX-G3
 SN-VSU-E26-B-9KLM-8XX-G3
 SN-VS-E26-B-4.5KLM-8XX-G3
 SN-VSU-E26-B-4.5KLM-8XX-G3
 XX: may be 35 (3500K),
 40 (4000K), or 50 (5000K)

Turn power off when installing this lamp.