

# LUNERA HID LED 360

## LED Replacement for High Intensity Discharge Lamps

Line Driven - Mogul (E39) and Medium (E26) Base



### Description

The LUNERA HID LED 360 lamp is a Line Driven (ballast bypassed) LED replacement for Metal Halide (MH) and High Pressure Sodium (HPS) lamps with a Mogul (E39) and Medium (E26) base. The Lunera HID LED 360 is designed to replace up to 250W MH and HPS lamps while enhancing the elegance of architectural lamp posts. For wall pack and shoe box fixtures, we recommend the Lunera HID LED Horizontal lamp.

Delivering over 60% energy savings, the Lunera HID LED 360 has a rated life of 50,000 hours – three times longer than that of HID lamps. Its built-in driver allows lamp operation from line voltage of 120V ~ 277V. The optical lens conceals LED components that are typically exposed on LED corncob lamps, making it aesthetically appealing.

The Lunera HID LED 360 is available in a range of color temperatures including 2000K, 3500K, 4000K and 5000K. It delivers consistent light levels across its long life, which results in a high quality lighting experience for campus or park grounds.

### Features

- Replaces High Intensity Discharge (MH and HPS) lamps
- Line Driven lamp; supports 120V ~ 277V
- Works well in enclosed fixtures
- Up to 8,000 lumens fixture delivered light output
- Yields 60%-80% energy savings
- >80 CRI
- CCT 2000K, 3500K, 4000K and 5000K
- Supports Mogul (E39) and Medium (E26) base HID sockets
- Thermal IQ to support ambient temperatures up to 150°F



Mogul (E39) Base  
up to 8,000lm



Medium (E26) Base  
up to 8,000lm

### Ordering Information

Example: SN-360-E39-L-8KLM-835-G3

Series	Version	Socket Type	Power Supply	Lamp Lumens	CRI/CCT	Generation
<b>SN:</b> Lunera HID LED	<b>360:</b> 360° illumination	<b>E39:</b> Fits in mogul-base (E39) HID socket	<b>L:</b> Line Driven 120V~277V	<b>8KLM:</b> 8,400lm <b>5KLM:</b> 5,000lm	<b>835:</b> 80CRI / 3500K <b>840:</b> 80CRI / 4000K <b>850:</b> 80CRI / 5000K	<b>G3:</b> 3rd Generation
		<b>E26:</b> Fits in medium-base (E26) HID socket		<b>6KLM:</b> 6,000lm <b>3.5KLM:</b> 3,500lm	<b>820:</b> 80CRI / 2000K	



PROJECT	CONTACT	MODEL NO.
REFERENCE NO.	QUANTITY	DATE

## Performance Specifications - 8,000lm / 5,000lm

	8,000 lumens	5,000 lumens
<b>Illumination</b>		
Color Temperatures	2000K, 3500K, 4000K, 5000K	2000K, 3500K, 4000K, 5000K
Lumens	Up to 6,000lm @ 2000K CCT Up to 8,400lm @ 3500K, 4000K, 5000K CCT	Up to 3,500lm @ 2000K CCT Up to 5,400lm @ 3500K, 4000K, 5000K CCT
Color Consistency	Lunera TruColor proprietary process	Lunera TruColor proprietary process
Lumen Maintenance (L70)	50,000+ hours life	50,000+ hours life
<b>Electrical System</b>		
Input Voltage	120V - 277V (Supports AC Line Voltage Only)	120V - 277V (Supports AC Line Voltage Only)
Avg. Lamp Power	90W	53W
HID Wattage Replaced	250W/175W	175W/150W/100W/70W
<b>Physical</b>		
Dimensions (H x W)	8.181" x 4.362"	8.181" x 4.362"
Weight	2 lbs	2 lbs
Housing and Finish	Painted	Painted
Heat Sink Size	4"	4"
<b>Environment</b>		
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
<b>Installation</b>		
Socket Type	Fits vertical and horizontal mount Mogul (E39) and Medium (E26) sockets	Fits vertical and horizontal mount Mogul (E39) and Medium (E26) sockets
<b>Certifications &amp; Qualifications</b>		
UL	Recognized / Classified US, CAN	Recognized / Classified US, CAN
RoHS Compliant	Contains no lead or mercury	Contains no lead or mercury
LM79, LM80, IES Files	Available	Available
DesignLights Consortium	DLC Listed (Mogul Base 5Klm / 8Klm)	DLC Listed (Mogul Base 5Klm / 8Klm)
<b>Warranty</b>		
Warranty	5 years	5 years

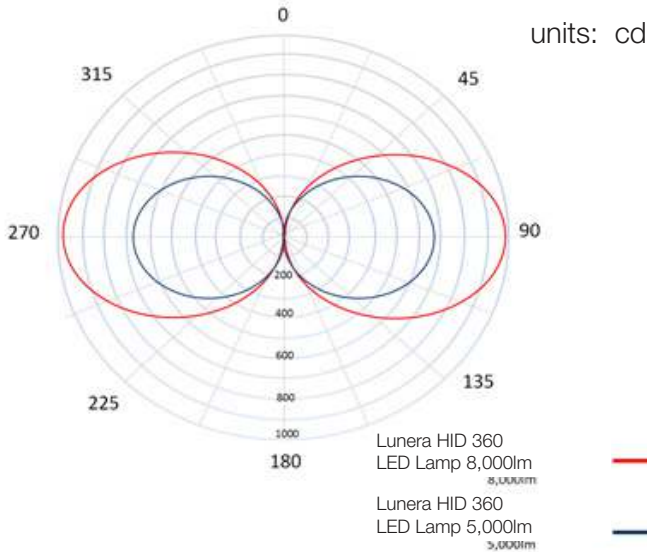
\*Thermal IQ is a proprietary Lunera technology which enables the Lunera HID LED 360 lamp to operate reliably up to 150°F ambient by dimming itself at extreme temperatures based upon thermal characteristics of the fixture in which it has been installed.

\*Lamp dimming profiles subject to fixture type and environmental condition. Contact Lunera for more detailed information.







## Photometry

Optical data is based on performance of bare lamps.

### Polar Candela Distribution



## Intended Applications

Wattage Compatibilities	Sockets	Power Source	Mount
<b>HID LED 360</b> Mogul (E39) Base <b>Replaces</b> = 250W -70W MH or HPS 	E39 / EX39 Mogul 	120V-277V Line Voltage 	360° Illumination Vertical / Horizontal Post Top or Wall Mount architectural fixtures.
<b>HID LED 360</b> Medium (E26) Base = 250W -70W MH or HPS 	E26 Medium 	<b>Fixture Type</b> 	Architectural Post Top

## CAUTION

Turn off power when installing the Lamp.  
 Do NOT re-install the legacy HID Lamp.  
 For FAQ and Technical Support, please visit:  
<https://lunera.freshdesk.com/support/home>

## Product Dimensions

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

Up to 8,000lm

