

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 400W 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.

The Lunera HID LED 360 delivers over 60% energy savings and has a rated life of 50,000 hours – 3 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.



Mogul (E39) Base
up to 8,000lm



Medium (E26) Base
up to 8,000lm

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

Ordering Information

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

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

PROJECT	CONTACT	MODEL NO.
REFERENCE NO.	QUANTITY	DATE

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

	8,000 lumens	5,000 lumens
Illumination		
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 Lumen	Lunera TruColor proprietary process	Lunera TruColor proprietary process
Maintenance (L70)	50,000+ hours life	50,000+ hours life
Electrical System		
Input Voltage	120V - 277V (Supports AC Line Voltage Only)	120V - 277V (Supports AC Line Voltage Only)
Avg. Lamp Power HID	90W	53W
Wattage Replaced	400W/320W/250W/175W	175W/150W/100W/70W
Physical		
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"
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 and horizontal mount Mogul (E39) and Medium (E26) sockets	Fits vertical and horizontal mount Mogul (E39) and Medium (E26) sockets
Certifications & Qualifications		
UL	Classified US, CAN (Pending)	Classified US, CAN (Pending)
RoHS Compliant	Contains no lead or mercury	Contains no lead or mercury
LM79, LM80, IES Files	Pending	Pending
DesignLights Consortium	DLC Listed (Pending)	DLC Listed (Pending)
Warranty		
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.

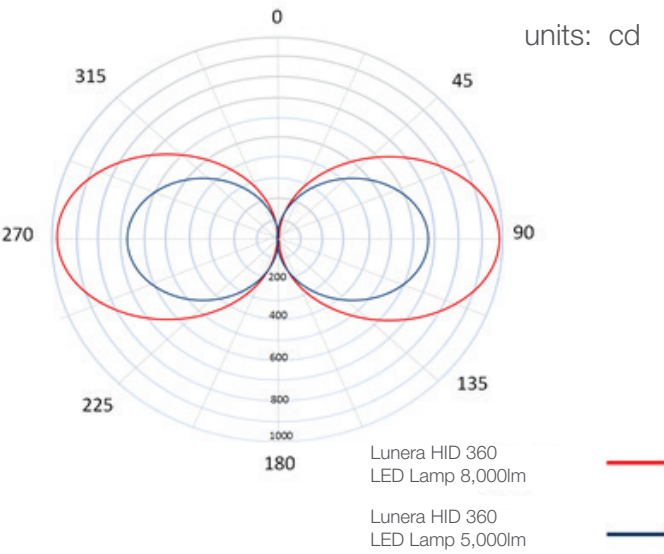
*Lamp dimming profiles subject to fixture type and environmental condition. Contact Lunera for more detailed information.



Photometry

Optical data is based on performance of bare lamps.

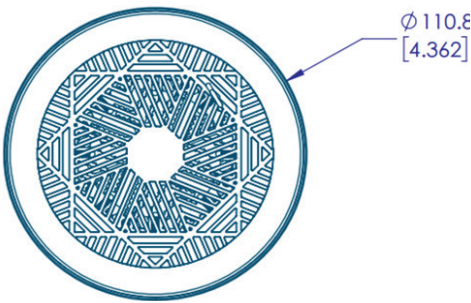
Polar Candela Distribution



Product Dimensions

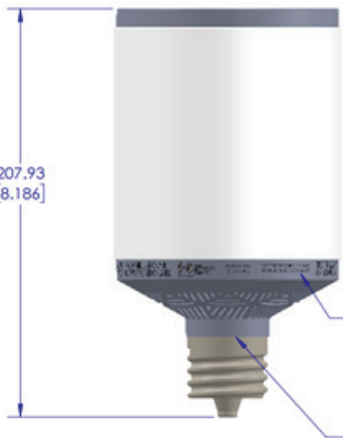
Measurements are exact. Dimensions are shown in millimeters and inches. Please contact your Lunera representative for other product dimensions.

Up to 8,000lm



Laser Marking Content

E26 Medium Base



Laser Marking Content

Mogul (E39) Base

Intended Applications

Wattage Compatibilities	Sockets	Power Source	Mount
HID LED 360 Mogul (E39) Base Replaces = 400W -70W MH or HPS	E39 / EX39 Mogul	120V- 277V Line Voltage	360° Illumination Vertical / Horizontal Post Top or Wall Mount architectural fixtures.
HID LED 360 Medium (E26) Base = 400W -70W MH or HPS	E26 Medium		Fixture Type 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>

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