SINCE 1945 KEYSTONE LIGHT MADE EASY

DIRECT DRIVE HID LED

KT-LED60HID-V-EX39-840-D

HID REPLACEMENT LED LAMP

DESCRIPTION

60W HID Replacement LED Lamp | 4000K | >80 CRI | Vertical Light Direction

DLC LISTED · TRUSTED NB WARRANTY · c UL us LISTED · RoHS Compliant · 5 YEAR WARRANTY

- **LAMP TYPE:** HID Replacement LED
- **BASE TYPE:** EX39 (Mogul)
- **WATTAGE:** 60W
- **COLOR TEMPERATURE:** 4000K
- **METAL HALIDE EQUIVALENT:** 200W
- **COLOR RENDERING INDEX (CRI):** >80
- **WARRANTY:** 5 Years



PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL listed
- Delivers approximately 5% uplight
- Operating temperature range: –29°C/–20°F to 60°C/140°F
- Suitable for use in fully enclosed fixture. Minimum lamp compartment dimensions: 8in x 8in x 8.2in
- Integral driver, eliminates the need for external driver or ballast; Includes 4kV surge protection
- Lamp top has a low-voltage AUX port for lamp level sensor controls
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120–277Vac	60W	>0.9	0.50A @ 120V 0.22A @ 277V

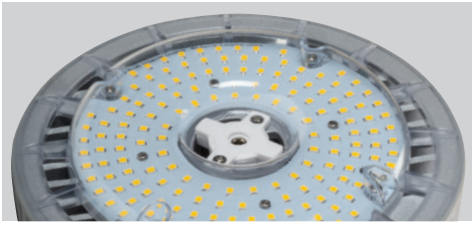
RATED LIFE

L70 (Hours)	50,000

PHOTOMETRIC CHARACTERISTICS

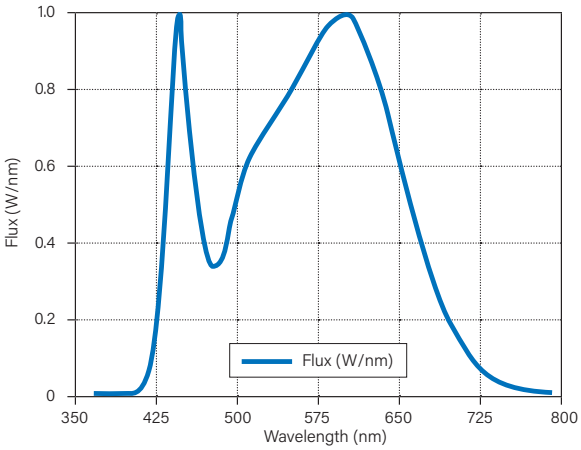
Color Temperature (CCT)	4000K
Luminous Flux	6,950 lm
Color Rendering Index (CRI)	>80
Efficacy	116 lm/W
Visible Light Area	180°

SMART PORT LED COMPATIBLE

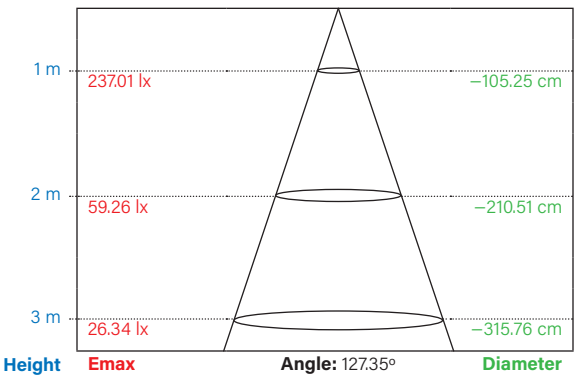


On the top of the lamp is a low-voltage AUX port for Smart Port LED sensors.
See *Accessories* for available sensor options.

SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at a different distance.

SINCE 1945 KEYSTONE LIGHT MADE EASY

DIRECT DRIVE HID LED

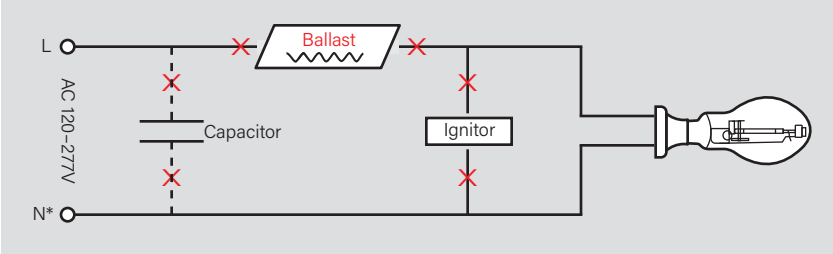
KT-LED60HID-V-EX39-840-D

HID REPLACEMENT LED LAMP

WIRING INSTRUCTIONS

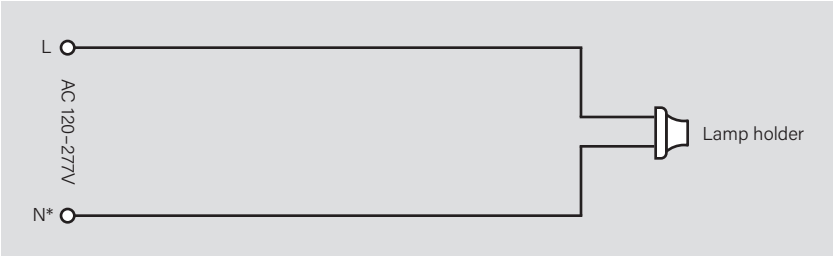
STEP 1

Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.



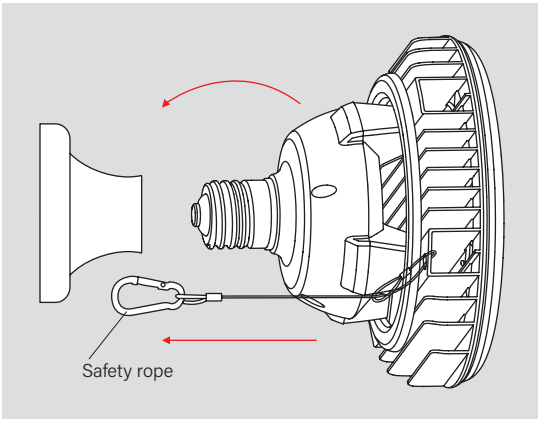
STEP 2

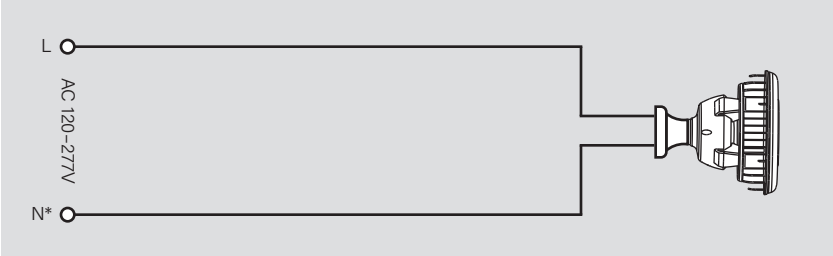
Rewire for line voltage to the lamp socket. Lamp is compatible with 120-277V from single phase, three phase wye, and three phase delta systems.



STEP 3

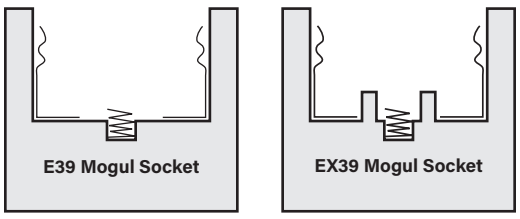
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.





*or other line for certain three phase systems such as 120/208 three phase wye systems

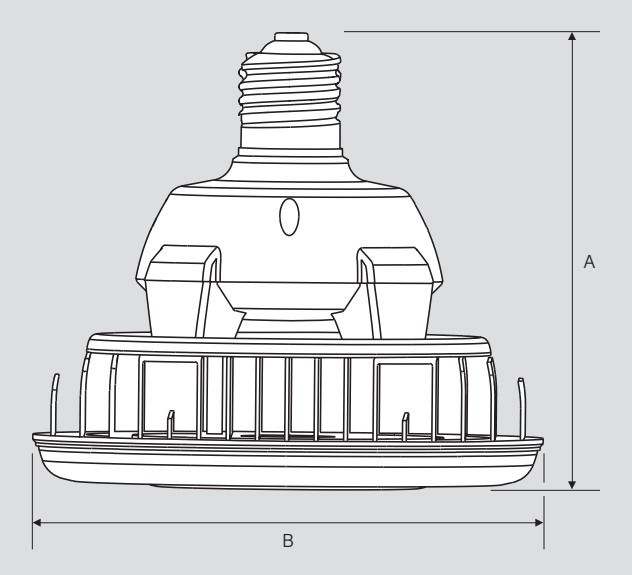
EX39-based lamps will work in *both* **E39** and **EX39** sockets.



KT-LED60HID-V-EX39-840-D

HID REPLACEMENT LED LAMP

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	6.61"
B (Diameter)	6.88"

BASE TYPE: EX39 (Mogul)

ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Description
KTS-MW1-12V-AUX	SmartPort LED Microwave Occupancy sensor: On/Off with adjustable standby dimming level; 12V input
KTS-PIR1-12V-AUX	SmartPort LED PIR Occupancy sensor: On/Off with adjustable standby dimming level; 12V input
KTS-PS1-12V-AUX	SmartPort LED Photocell: On/Off with adjustable daylight threshold and timing; 12V input

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC	DLC PRODUCT ID
KT-LED60HID-V-EX39-840-D-DP	4	HDI-89	843654121826	PLN39LU2IV9Z

CATALOG NUMBER BREAKDOWN

KT-	LED	60	HID-	V-	EX39-	8	40-	D
1	2	3	4	5	6	7	8	9

1 **Keystone Technologies**
2 **LED Lamp**
3 **Wattage**
4 **Lamp Type**
5 **Vertical Orientation**
6 **Base Type**
7 **800 Series**
8 **Color Temperature**
9 **Direct-Drive Series**