KEYSTONE
LIGHT MADE EASY®
SINCE 1945

DIRECTDRIVE HID LED

KT-LED60HID-V-EX39-840-D
HID REPLACEMENT LED LAMP

DESCRIPTION

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

NiB TRUSTED 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

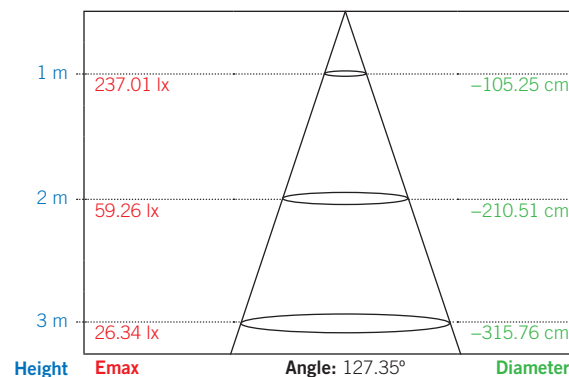|	
Color Temperature (CCT)	4000K
Luminous Flux	6,950 lm
Color Rendering Index (CRI)	>80
Efficacy	116 lm/W
Visible Light Area	180º

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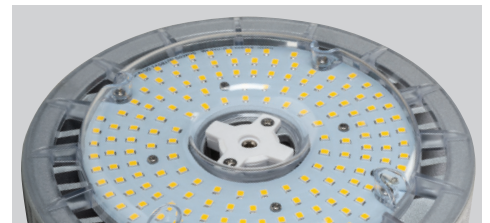
On the top of the lamp is a low-voltage AUX port for Smart Port LED sensors.
See *Accessories* for available sensor options.

SPECTRAL DISTRIBUTION

LUX DISTANCE CURVE

Height	Emax		Diameter
1 m	237.01 lx		–105.25 cm
2 m	59.26 lx		–210.51 cm
3 m	26.34 lx		–315.76 cm

Angle: 127.35º
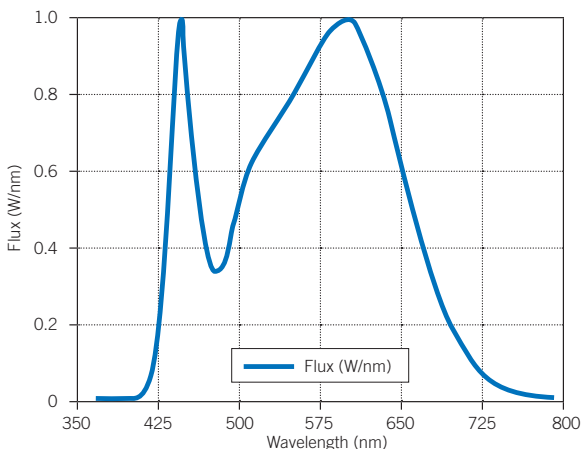
Note: The curves indicate the illuminated area and the average illumination when the luminaire is at a different distance.

KEYSTONE
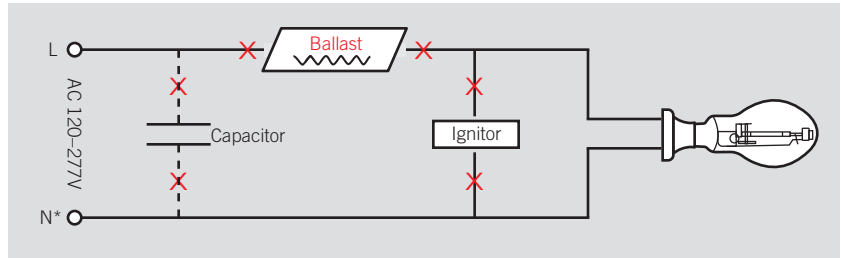SINCE 1945
LIGHT MADE EASY®

DIRECTDRIVE HID LED

KT-LED60HID-V-EX39-840-D
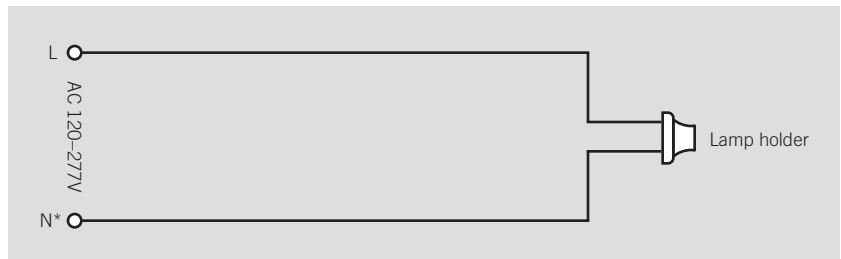## HID REPLACEMENT LED LAMP

WIRING INSTRUCTIONS

STEP 1
Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.
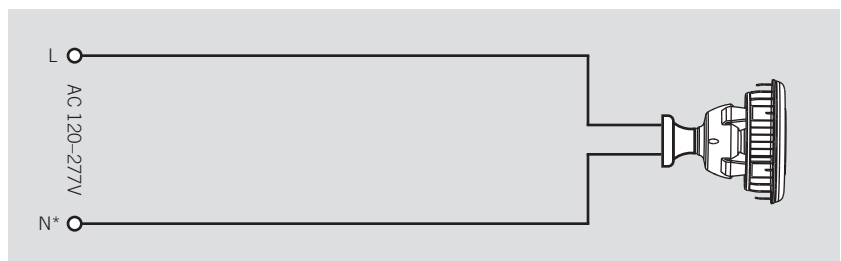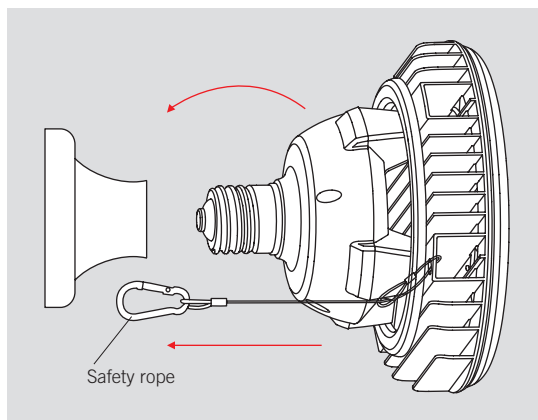
STEP 2
Rewire for line voltage to the lamp socket. Lamp is compatible with 120-277V from single phase, three phase wye, and three phase delta systems.
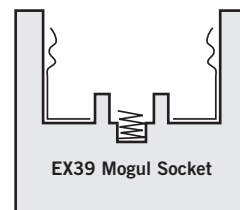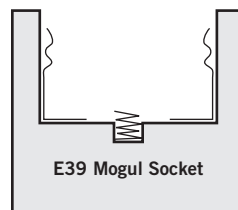
STEP 3
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.

Safety rope

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

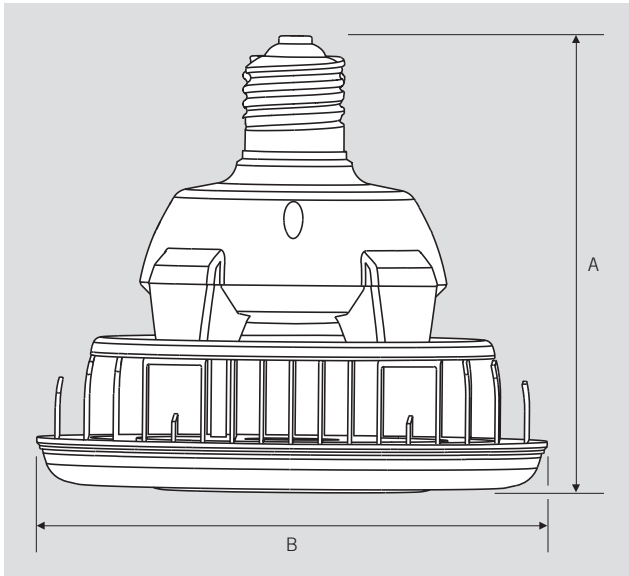**EX39-based lamps** will work in *both* **E39** and **EX39** sockets.

E39 Mogul Socket

EX39 Mogul Socket

KEYSTONE
LIGHT MADE EASY
SINCE 1945

DIRECT DRIVE
HID LED

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
KT-LED60HID-V-EX39-840-D-DP	4	HDI-89	843654121826

CATALOG NUMBER BREAKDOWN

KT-LED60HID-V-EX39-840-D
1 2 3 4 5 6 7 8 9

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