KT-LED80HID-EX39-830-D /G2
HID REPLACEMENT LED LAMP

DESCRIPTION

80W HID Replacement LED Lamp **I** 3000K **I** >80 CRI

LAMP TYPE: HID Replacement LED	
BASE TYPE: EX39 (Mogul)	
WATTAGE: 80W	
COLOR TEMPERATURE: 3000K	
METAL HALIDE EQUIVALENT: 320W	
COLOR RENDERING INDEX (CRI): >80	
WARRANTY: 5 Years	

PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- Non-dimmable; do not dim
- 50,000+ hour lifetime
- Environmentally friendly: no mercury used
- Instant startup
- UL Listed
- DLC Listed
- Operating temperature range: −30ºC/−22ºF to 60ºC/140ºF
- Exceeding 30°C/86°F in fully enclosed fixtures will engage active cooling and power de-rating to ensure full product lifetime

- Integral driver, eliminates the need for external driver or ballast; includes 6kV surge protection
- Active cooling technology: When internal thermal sensor is engaged, lamp power reduces to 80% of max; when sensor cools, lamp powers back up to 100% rated power
- Lamp includes safety tether for additional security when installing lamp in luminaire
- Suitable for use in fully enclosed fixture

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120–277Vac	80W	>0.9	0.73A @ 120V 0.32A @ 277V

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	3000K
Luminous Flux	11,650 lm
Color Rendering Index (CRI)	>80
Efficacy	146 lm/W
Visible Light Area	360º

RATED LIFE

L70 (Hours)	50,000

SPECTRAL DISTRIBUTION
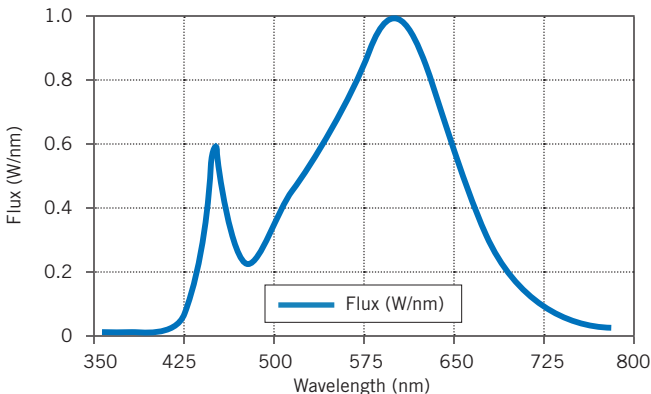
SMART PORT LED COMPATIBLE
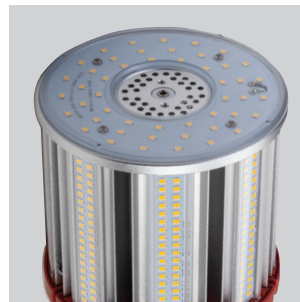
On the top of the lamp is a low-voltage AUX port for Smart Port LED sensors. See *Accessories* for available sensor options.
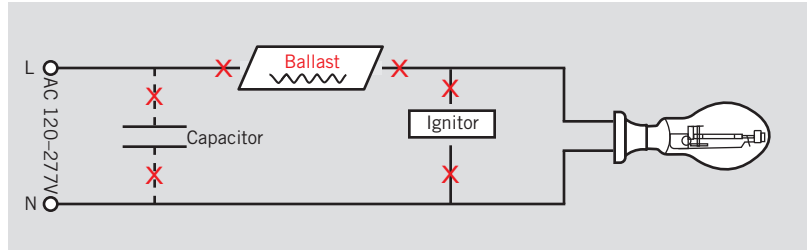
SINCE 1945
KEYSTONE
LIGHT MADE EASY™

DIRECT DRIVE HID LED

KT-LED80HID-EX39-830-D /G2
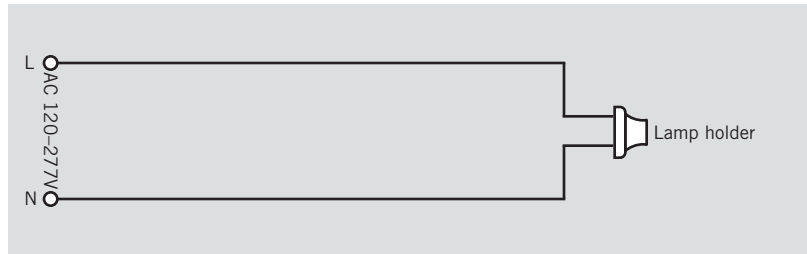## HID REPLACEMENT LED LAMP

WIRING INSTRUCTIONS

STEP 1
Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.
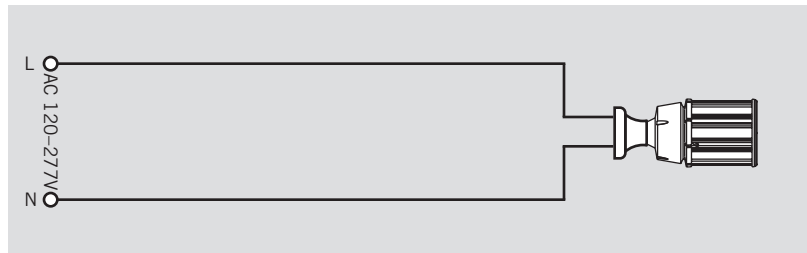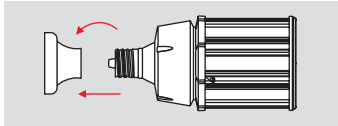

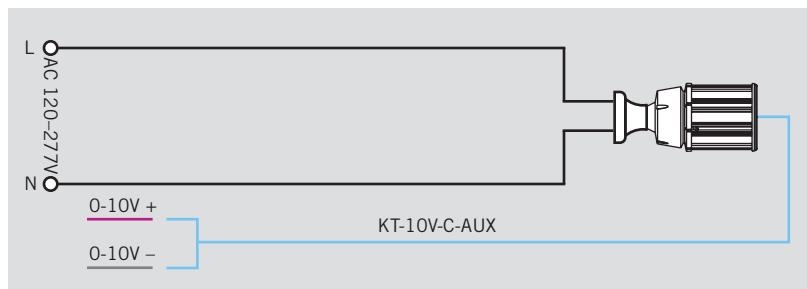**STEP 2**
Rewire for line voltage to the lamp socket.

STEP 3
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.
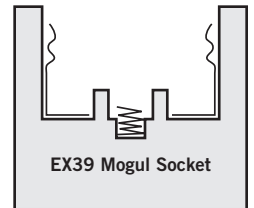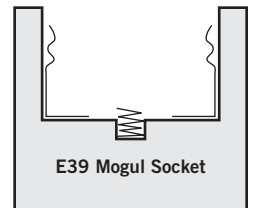

STEP 4 (OPTIONAL)
Connect 0-10V dimming signal to the lamp via the smartport receptacle on the top of the lamp and with wiring accessory KT-10V-C-AUX (sold separately.)

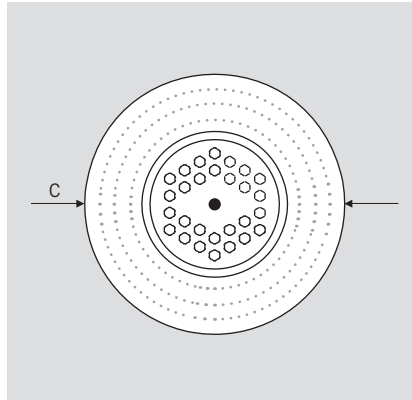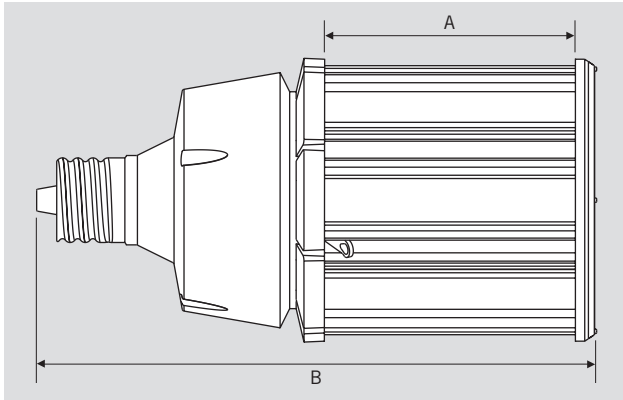**EX39-based lamps** will work in *both* **E39** and **EX39** sockets.

E39 Mogul Socket

EX39 Mogul Socket

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PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

A (Illuminated Length)	4.00"
B (Body Length)	9.72"
C (Diameter)	5.12"

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	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED80HID-EX39-830-D /G2-DP	Distributor Pack (Individual Cartons)	16	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED80HID-EX39-830-D /G2

1 2 3 4 5 6 7 8 9

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