

# KT-LED80HID-V-EX39-835-D /G2

## HID REPLACEMENT LED LAMP

### DESCRIPTION

80W HID Replacement LED Lamp | 3500K | >80 CRI | Vertical Light Direction



<b>LAMP TYPE:</b> HID Replacement LED	<b>METAL HALIDE EQUIVALENT:</b> 250W
<b>BASE TYPE:</b> EX39 (Mogul)	<b>COLOR RENDERING INDEX (CRI):</b> > 80
<b>WATTAGE:</b> 80W	<b>WARRANTY:</b> 5 Years
<b>COLOR TEMPERATURE:</b> 3500K	

### 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
- Delivers approximately 5% uplight
- Suitable for use in fully enclosed fixture
- Integral driver, eliminates the need for external driver or ballast; Includes 4kV surge protection
- Operating temperature range: -30°C/-22°F to 60°C/140°F
- Exceeding 30°C/86°F in fully enclosed fixtures will engage active cooling and power de-rating to ensure full product lifetime
- Lamp top has a low-voltage AUX port for lamp level sensor controls

### OPERATING SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	80W	>0.9	0.67A @ 120V 0.29A @ 277V

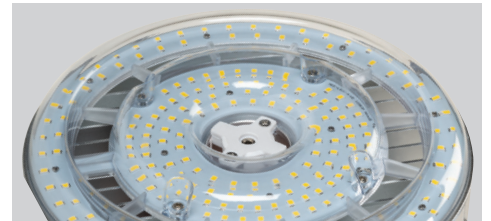
#### RATED LIFE

<b>L70 (Hours)</b>	50,000
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#### PHOTOMETRIC CHARACTERISTICS

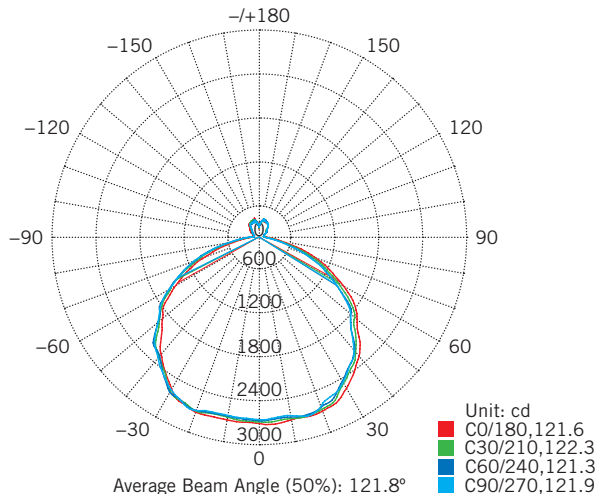
<b>Color Temperature (CCT)</b>	3500K
<b>Luminous Flux</b>	10150 lm
<b>Color Rendering Index (CRI)</b>	>80
<b>Efficacy</b>	126 lm/W
<b>Visible Light Area</b>	180°

#### SMART PORT LED COMPATIBLE

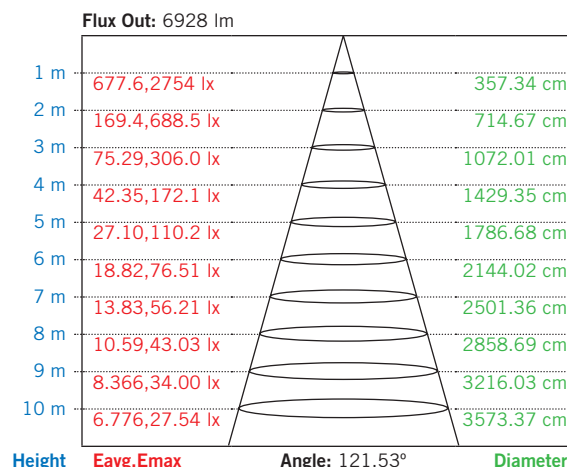


On the top of the lamp is a low-voltage AUX port for Smart Port LED sensors.  
 See Accessories for available sensor options.

#### POLAR CANDELA DISTRIBUTION



#### LUX DISTANCE CURVE



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

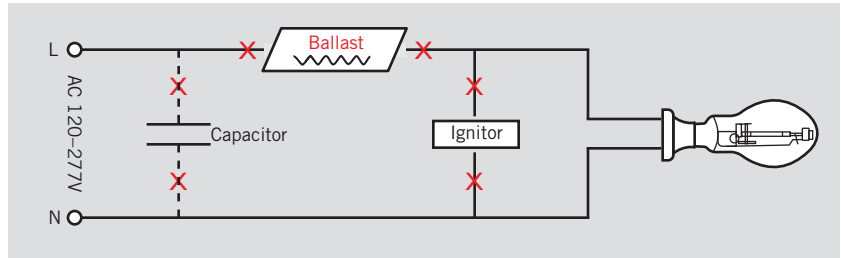
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## HID REPLACEMENT LED LAMP

### WIRING INSTRUCTIONS

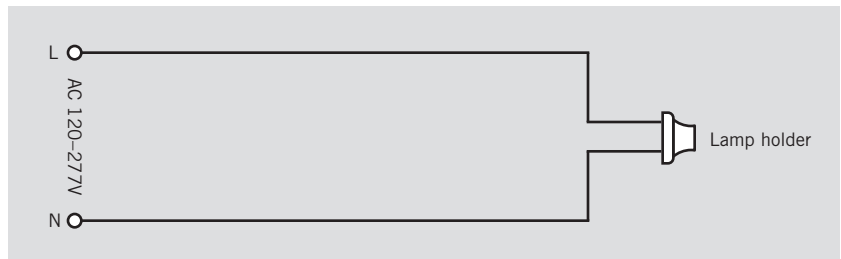
#### STEP 1

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



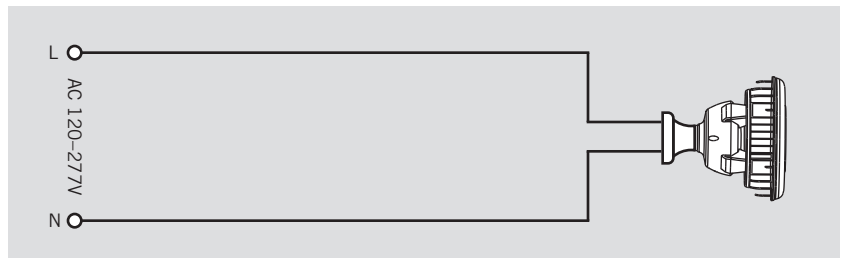
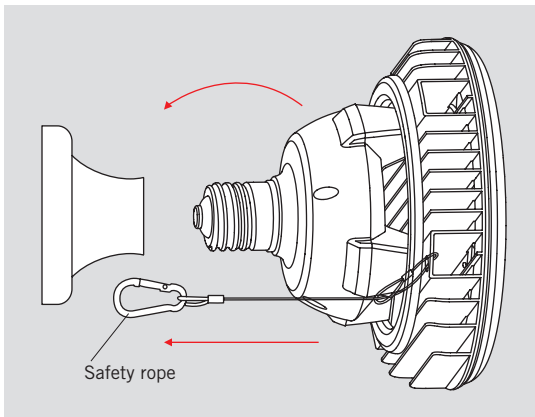
#### STEP 2

Rewire for line voltage to the lamp socket.

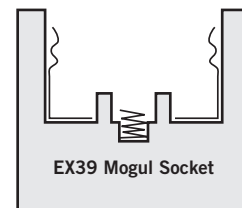
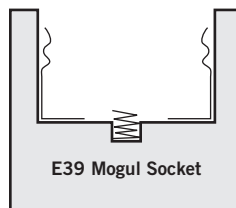


#### STEP 3

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



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

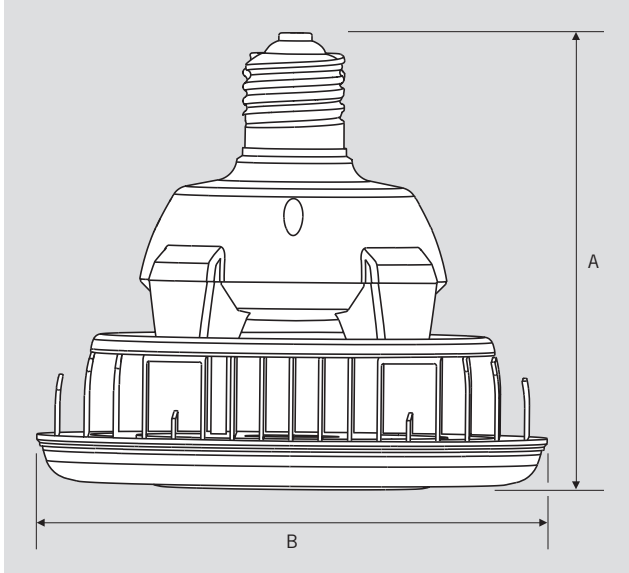




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### PHYSICAL CHARACTERISTICS



#### LAMP DIMENSIONS

A (Body Length)	6.88"
B (Diameter)	7.87"

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-V-EX39-835-D /G2-DP	Distributor Pack (Individual Cartons)	4	Quick Ship

### CATALOG NUMBER BREAKDOWN

# KT-LED80HID-V-EX39-835-D /G2

1 2 3 4 5 6 7 8 9 10

- |                         |                       |
|-------------------------|-----------------------|
| 1 Keystone Technologies | 6 Base Type           |
| 2 LED Lamp              | 7 800 Series          |
| 3 Wattage               | 8 Color Temperature   |
| 4 Lamp Type             | 9 Direct-Drive Series |
| 5 Vertical Orientation  | 10 Second Generation  |