



# KT-LED36HID-EX39-850-D /G3

## HID REPLACEMENT LED LAMP

### DESCRIPTION

36W HID Replacement LED Lamp | 5000K | >80 CRI



<b>LAMP TYPE:</b> HID Replacement LED
<b>BASE TYPE:</b> EX39 (Mogul)
<b>WATTAGE:</b> 36W
<b>COLOR TEMPERATURE:</b> 5000K
<b>METAL HALIDE EQUIVALENT:</b> 150W
<b>COLOR RENDERING INDEX (CRI):</b> >80
<b>WARRANTY:</b> 5 Years



### PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- Not for use with standard dimmers; see instructions
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL listed
- DLC listed
- Operating temperature: -29°C/-20°F to 60°C/140°F
- Integral driver, eliminates the need for external driver or ballast; includes 4kV surge protection
- Suitable for use in fully enclosed fixture

### OPERATING SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	36W	>0.9	0.30A @ 120V 0.13A @ 277V

#### PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	5400 lm
Color Rendering Index (CRI)	>80
Efficacy	150 lm/W
Visible Light Area	360°

#### SMART PORT LED COMPATIBLE

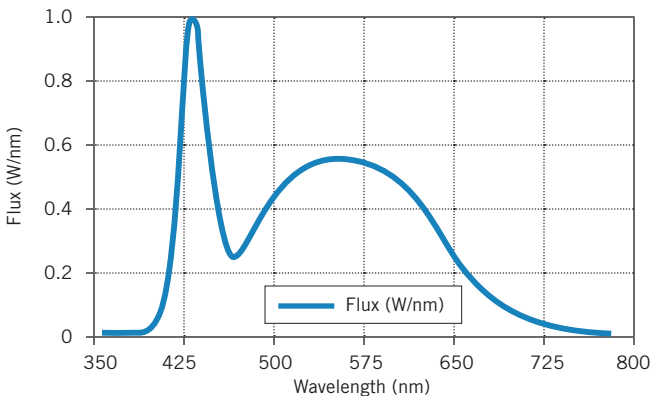


On the top of the lamp is a low-voltage AUX port for Smart Port LED sensors. See *Accessories* for available sensor options.

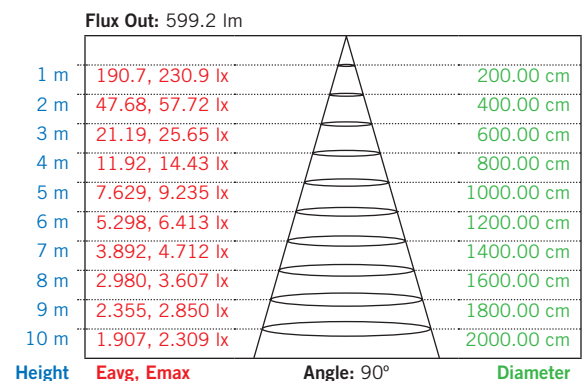
#### RATED LIFE

L70 (Hours)	50,000
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#### SPECTRAL DISTRIBUTION



#### LUX DISTANCE CURVE





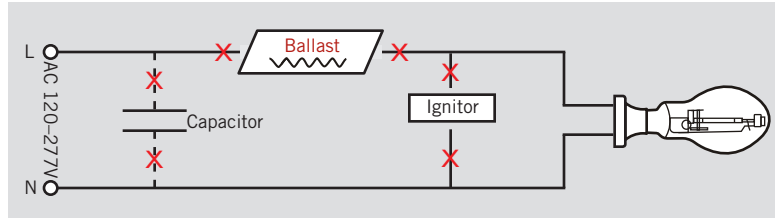
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### WIRING INSTRUCTIONS

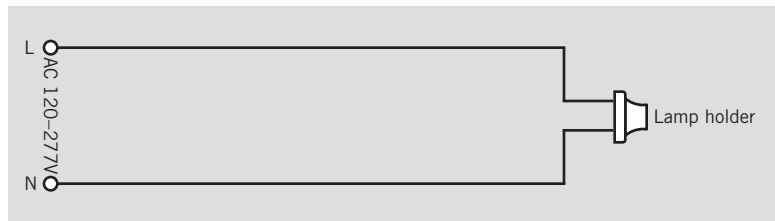
#### STEP 1

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



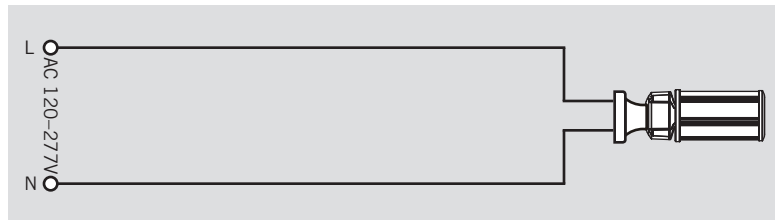
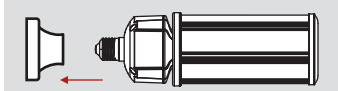
#### STEP 2

Rewire for line voltage to the lamp socket.

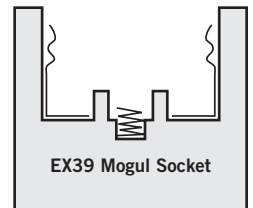
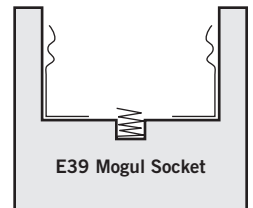


#### STEP 3

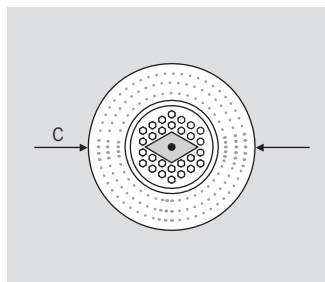
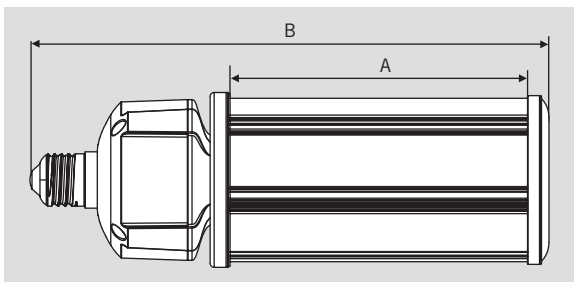
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.



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



### PHYSICAL CHARACTERISTICS



#### LAMP DIMENSIONS

A (Illuminated Length)	5.66"
B (Body Length)	8.62"
C (Diameter)	3.34"

**BASE TYPE:** EX39 (Mogul)



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**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-LED36HID-EX39-850-D /G3-DP	Distributor Pack (Individual Cartons)	16	Quick Ship

**CATALOG NUMBER BREAKDOWN**

KT-LED36HID-EX39-850-D /G3

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** Generation