



# KT-LED45HID-EX39-850-D /G3

## HID REPLACEMENT LED LAMP

### DESCRIPTION

45W HID Replacement LED Lamp | 5000K | >80 CRI | IP64 Rated



|                                          |
|------------------------------------------|
| <b>LAMP TYPE:</b> HID Replacement LED    |
| <b>BASE TYPE:</b> EX39 (Mogul)           |
| <b>WATTAGE:</b> 45W                      |
| <b>COLOR TEMPERATURE:</b> 5000K          |
| <b>METAL HALIDE EQUIVALENT:</b> 175W     |
| <b>COLOR RENDERING INDEX (CRI):</b> > 80 |
| <b>WARRANTY:</b> 5 Years                 |



### PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- 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
- Suitable for use in fully enclosed fixture
- Integral driver, eliminates the need for external driver or ballast; includes 4kV surge protection
- IP64 rated; integrated heat sink quickly dissipates heat and guides water intrusion out of the lamp
- 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    | 45W               | >0.9         | 0.38A @ 120V<br>0.16A @ 277V |

#### PHOTOMETRIC CHARACTERISTICS

|                             |          |
|-----------------------------|----------|
| Color Temperature (CCT)     | 5000K    |
| Luminous Flux*              | 6750 lm  |
| Color Rendering Index (CRI) | >80      |
| Efficacy                    | 150 lm/W |
| Visible Light Area          | 360°     |

\* Based off of total lamp lumens

#### SMART PORT

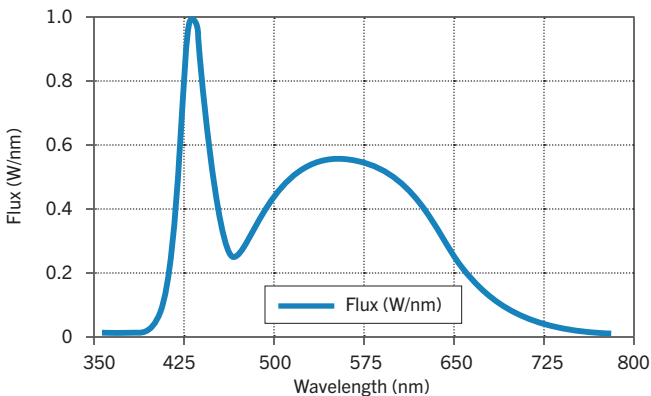


On the top of the lamp is a low-voltage AUX port for lamp level sensor controls which are coming soon, Q2+ 2019.

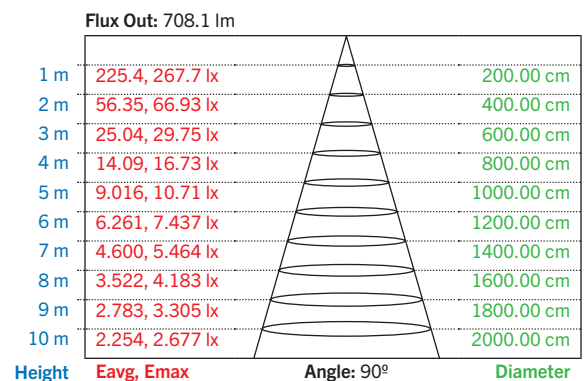
#### RATED LIFE

|             |        |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

#### SPECTRAL DISTRIBUTION



#### LUX DISTANCE CURVE





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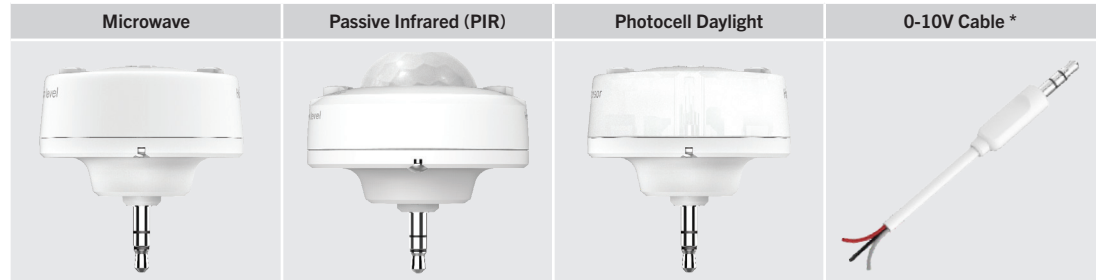
## HID REPLACEMENT LED LAMP

### SMART PORT LED



On the top of the lamp is a low-voltage AUX port for lamp level sensor controls.

### SMART PORT LED AUX SENSORS

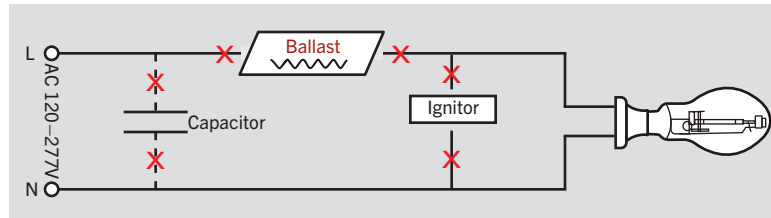


\* For use with continuous dimming applications.

### WIRING INSTRUCTIONS

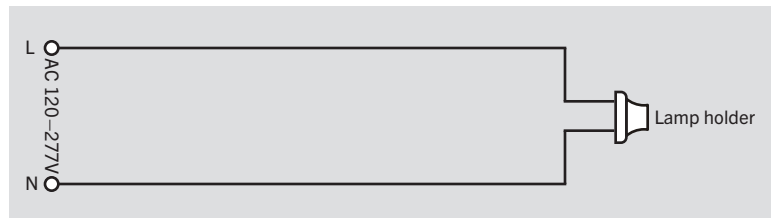
#### STEP 1

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



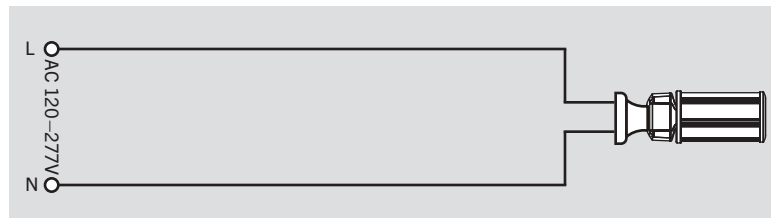
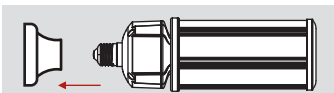
#### STEP 2

Rewire for line voltage to the lamp socket.

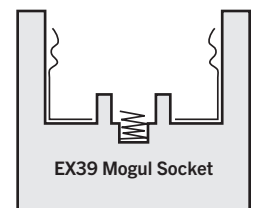
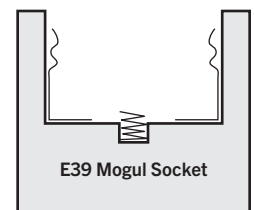


#### STEP 3

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.

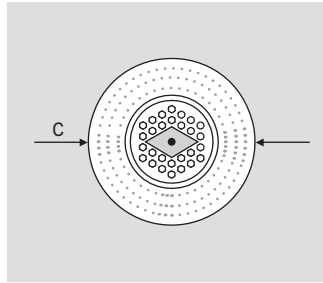
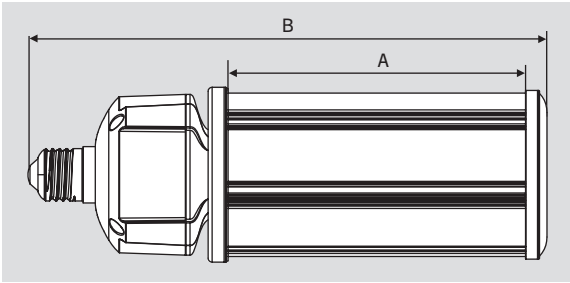




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## HID REPLACEMENT LED LAMP

### PHYSICAL CHARACTERISTICS



### LAMP DIMENSIONS

|                        |       |
|------------------------|-------|
| A (Illuminated Length) | 5.07" |
| B (Body Length)        | 9.80" |
| C (Diameter)           | 3.34" |

**BASE TYPE:** EX39 (Mogul)

### ORDERING INFORMATION

| ORDER CODE                 | PACK QTY. | EASY CODE | UPC          |
|----------------------------|-----------|-----------|--------------|
| KT-LED45HID-EX39-850-D /G3 | 12        | SXN-75    | 843654123110 |

### CATALOG NUMBER BREAKDOWN

# KT-LED45HID-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