



# KT-LED45HID-EX39-850-D

## HID REPLACEMENT LED LAMP

rev.1

### DESCRIPTION

45W HID Replacement LED Lamp | 5000K | >83 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> >83 |
| <b>WARRANTY:</b> 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: -29°C/-20°F to 60°C/140°F
- 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
- Suitable for Use in Fully Enclosed Fixture

### OPERATING SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

| Input Voltage | Power Consumption | Power Factor | Input Current                |
|---------------|-------------------|--------------|------------------------------|
| 120-277Vac    | 45W               | >0.9         | 0.42A @ 120V<br>0.18A @ 277V |

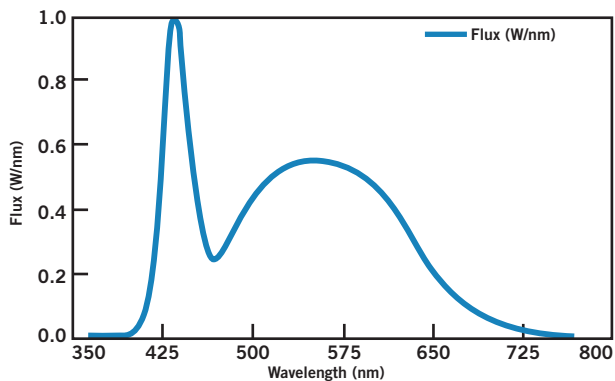
#### RATED LIFE

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

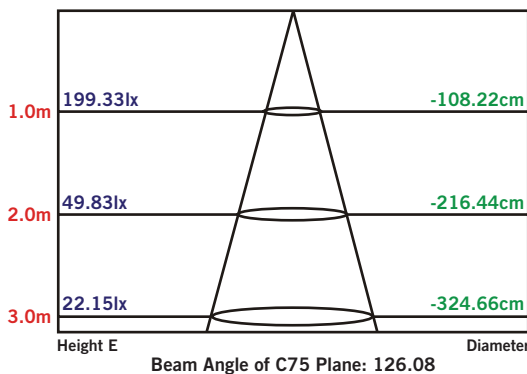
#### PHOTOMETRIC CHARACTERISTICS

|                             |          |
|-----------------------------|----------|
| Color Temperature (CCT)     | 5000K    |
| Luminous Flux               | 6350 lm  |
| Color Rendering Index (CRI) | >83      |
| Efficacy                    | 141 lm/W |
| Visible Light Area          | 360°     |

#### SPECTRAL DISTRIBUTION



#### LUX DISTANCE CURVE

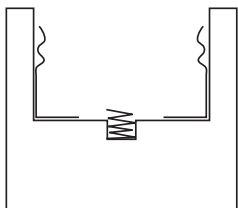




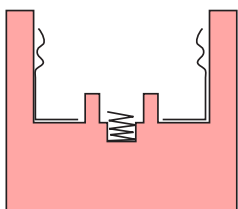
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E39 MOGUL SOCKET



EX39 MOGUL SOCKET

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

### WIRING DIAGRAM

#### 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.

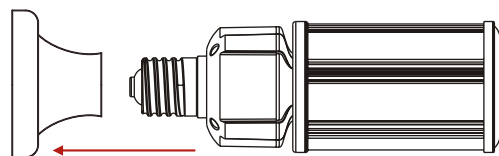


FIGURE 1

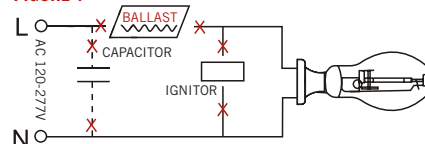


FIGURE 2

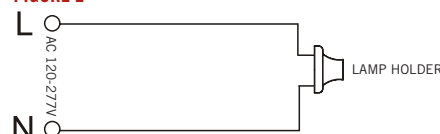
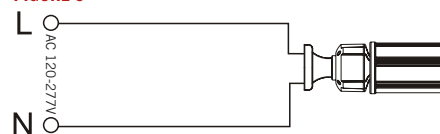
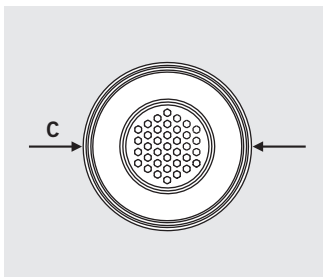
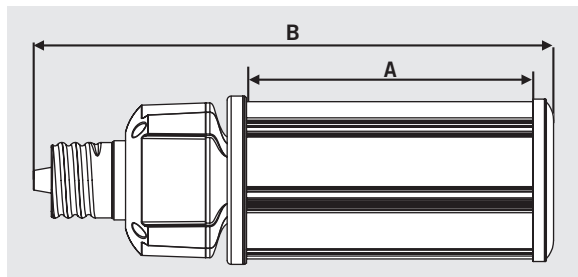


FIGURE 3



### PHYSICAL CHARACTERISTICS



### LAMP DIMENSIONS

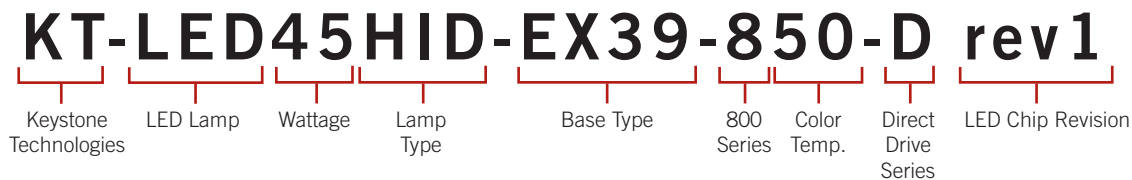
|                        |        |
|------------------------|--------|
| A (Illuminated Length) | 5.83"  |
| B (Body Length)        | 10.70" |
| C (Diameter)           | 3.43"  |

BASE TYPE: EX39 (Mogul)

### ORDERING INFORMATION

| ORDER CODE                  | PACKAGING STYLE                       | PACK QTY. | ITEM STATUS |
|-----------------------------|---------------------------------------|-----------|-------------|
| KT-LED45HID-EX39-850-D rev1 | Distributor Pack (Individual Cartons) | 16        | Quick Ship  |

### CATALOG NUMBER BREAKDOWN





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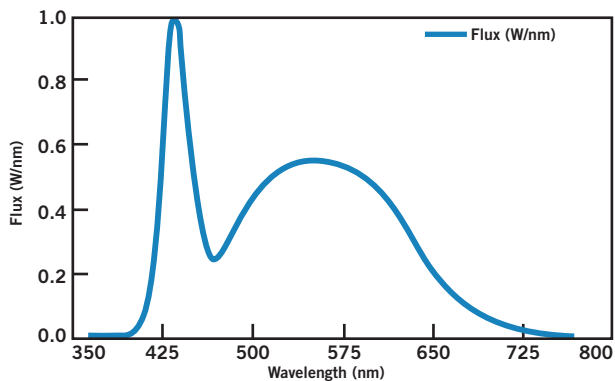
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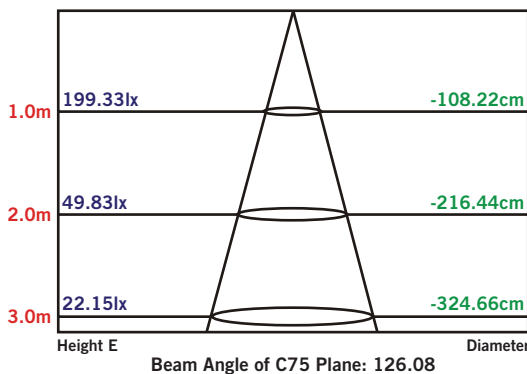
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#### LUX DISTANCE CURVE

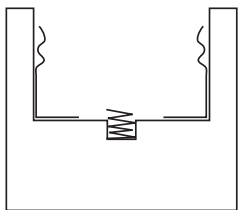




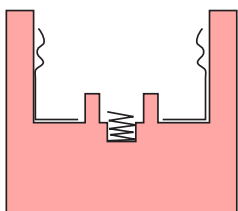
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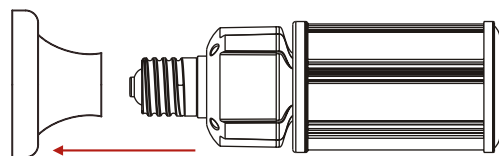


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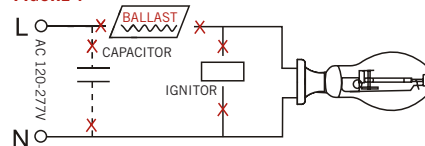


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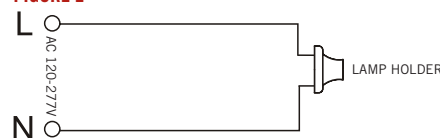
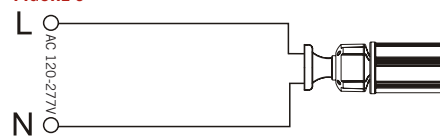
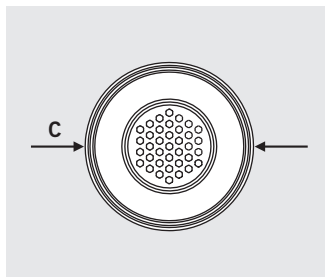
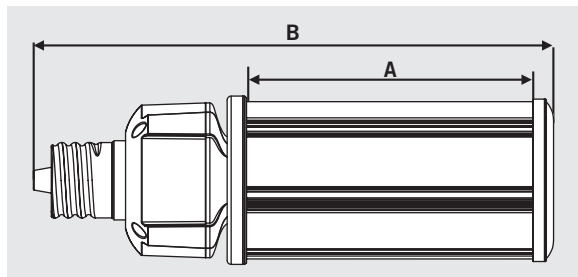


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### CATALOG NUMBER BREAKDOWN

**KT-LED45HID-EX39-850-D rev1**

Keystone Technologies | 
 LED Lamp | 
 Wattage | 
 Lamp Type | 
 Base Type | 
 800 Series | 
 Color Temp. | 
 Direct Drive Series | 
 LED Chip Revision