



# KT-LED45HID-H-EX39-840-D

## HID REPLACEMENT LED LAMP

### DESCRIPTION

45W HID Replacement LED Lamp | 4000K | 85 CRI | IP64 Rated



<b>LAMP TYPE:</b> HID Replacement LED
<b>BASE TYPE:</b> EX39 (Mogul) Rotatable
<b>WATTAGE:</b> 45W
<b>COLOR TEMPERATURE:</b> 4000K
<b>METAL HALIDE EQUIVALENT:</b> 175W
<b>COLOR RENDERING INDEX (CRI):</b> 85
<b>WARRANTY:</b> 5 Years



### PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- Ideal for wallpack retrofit applications
- Optimized for horizontal applications with directional light output from opening LED assembly construction
- Non-dimmable; Do not dim
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL Listed
- Operating temperature: -40°C/-40°F to 45°C/113°F in 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
- Horizontal orientation
- Suitable for use in fully enclosed fixture. Minimum lamp compartment dimensions: 8in x 8in x 10in

### OPERATING SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	45W	>0.9	0.38A @ 120V 0.16A @ 277V

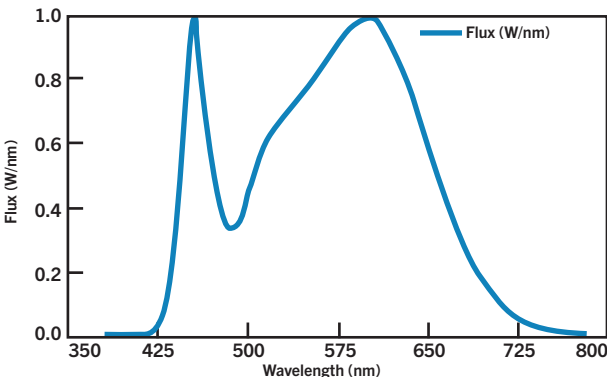
#### RATED LIFE

L70 (Hours)	50,000
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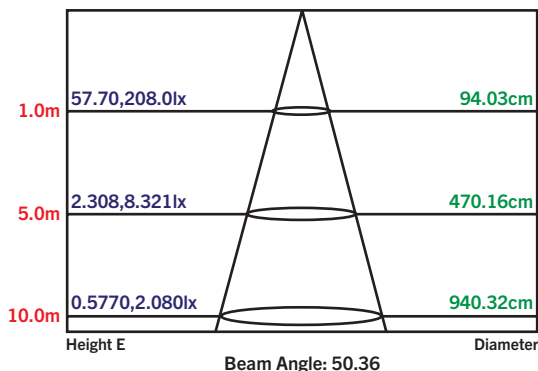
#### PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	4000K
Luminous Flux	6,300 lm
Color Rendering Index (CRI)	85
Efficacy	140 lm/W
Beam Angle	180°

#### SPECTRAL DISTRIBUTION



#### LUX DISTANCE CURVE

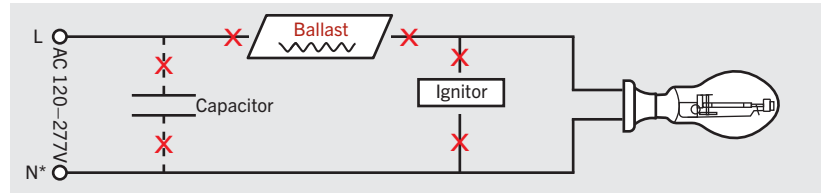


**KT-LED45HID-H-EX39-840-D**  
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**WIRING DIAGRAM**

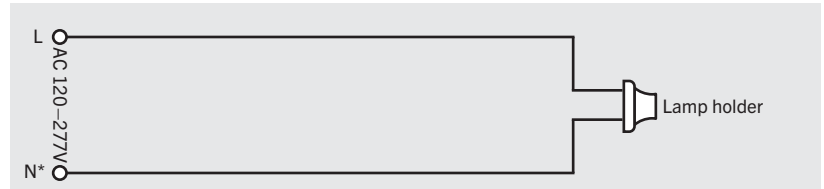
**STEP 1**

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



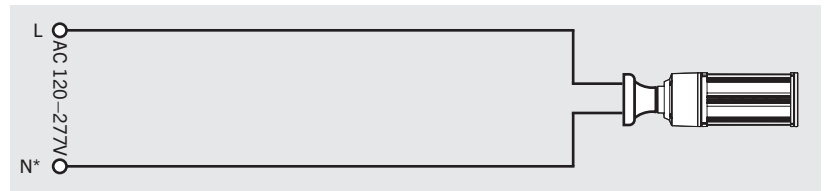
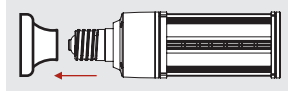
**STEP 2**

Rewire for line voltage to the lamp socket. Lamp is compatible with 120-277V from single phase, three phase wye, and three phase delta systems.



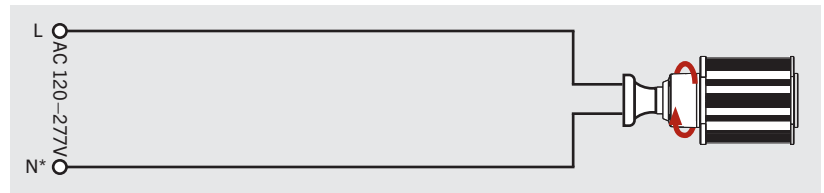
**STEP 3**

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



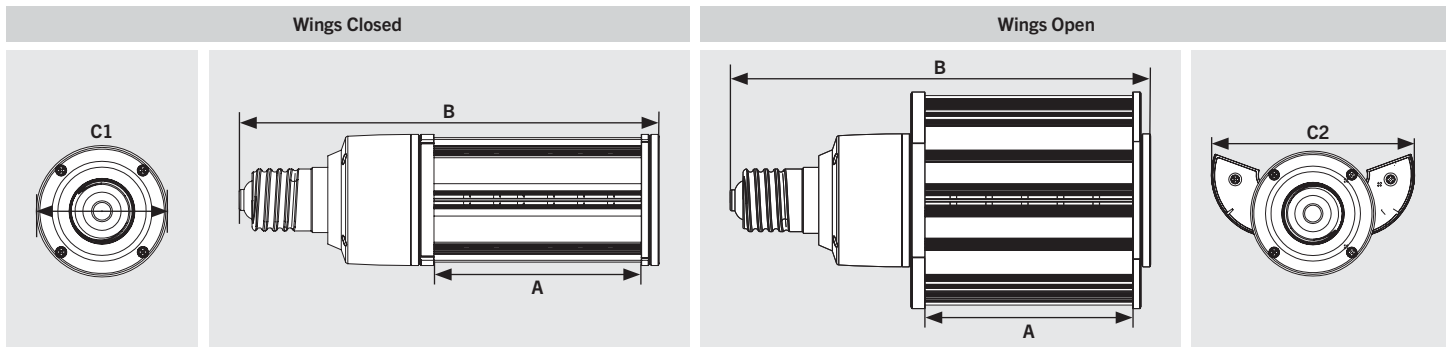
**STEP 4**

Rotate lamp base and open wings accordingly toward direction of desired lumination.



\*or other line for certain three phase systems such as 120/208 three phase wye systems

**PHYSICAL CHARACTERISTICS**



**LAMP DIMENSIONS**

<b>A (Illuminated Length)</b>	5.83"	<b>C (Diameter)</b>	3.23"
<b>B (Body Length)</b>	9.76"	<b>C2 (Width, Wings Open)</b>	5.26"

**BASE TYPE:** EX39 (Mogul) Rotatable



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## HID REPLACEMENT LED LAMP

### ORDERING INFORMATION

Order Code	Packaging Style	Pack Quantity	Item Status
KT-LED45HID-H-EX39-840-D-DP	Distributor Pack (Individual Cartons)	16	Quick Ship

### CATALOG NUMBER BREAKDOWN

# KT-LED45HID-H-EX39-840-D-DP

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Lamp Type
- 5 Horizontal Orientation
- 6 Base Type
- 7 80 CRI
- 8 Color Temperature
- 9 DirectDrive Series
- 10 Packaging Style



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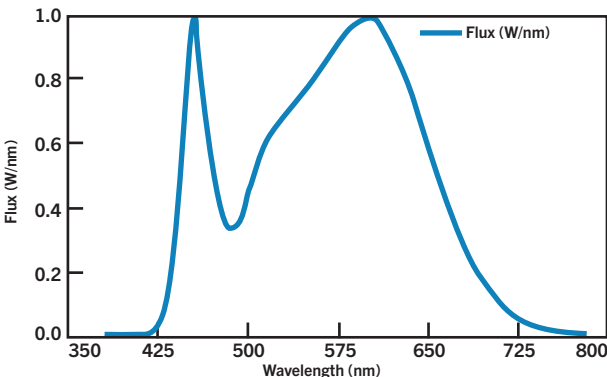
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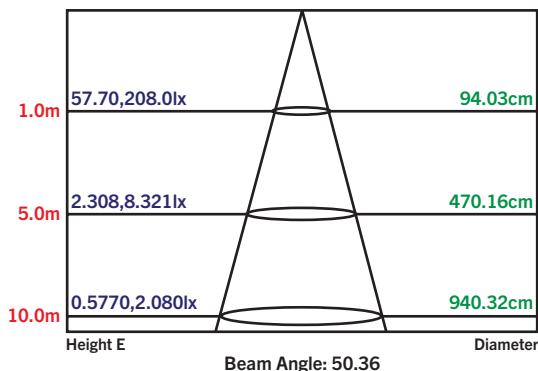
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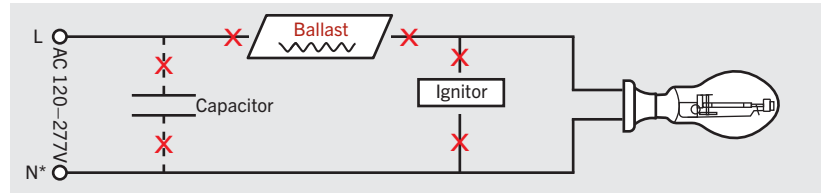


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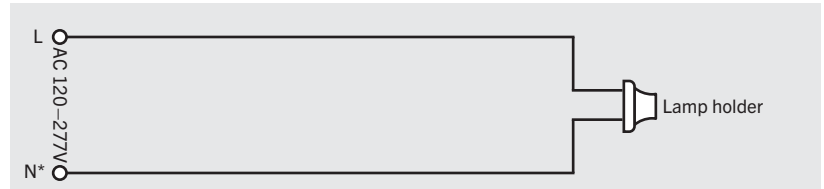
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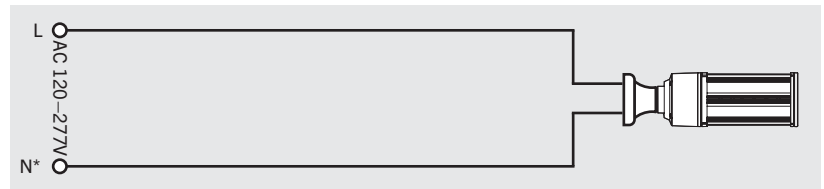
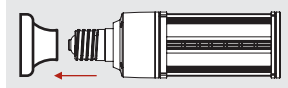
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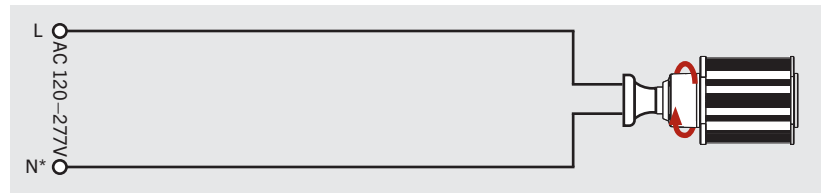
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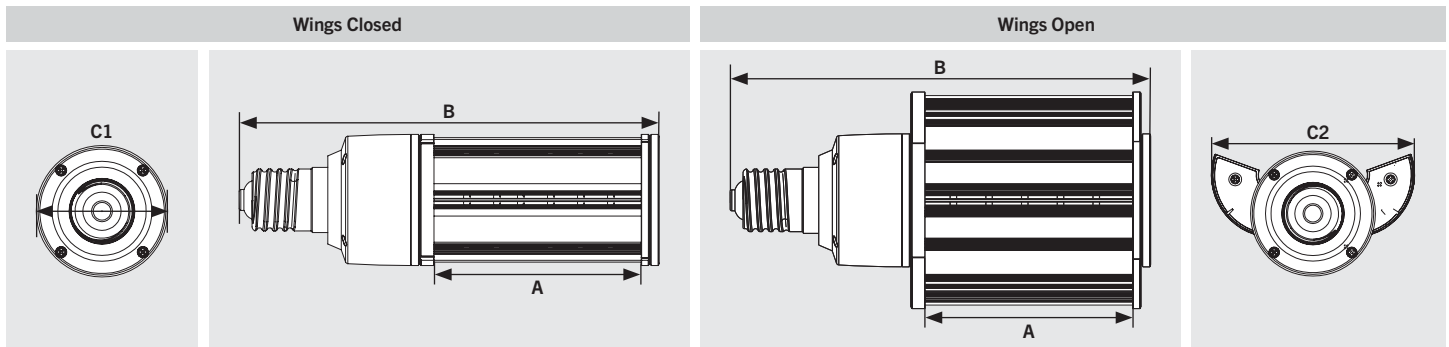
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