



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

## HID REPLACEMENT LED LAMP

### DESCRIPTION

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



US LISTED

RoHS  
Compliant



5 YEAR  
WARRANTY



**LAMP TYPE:** HID Replacement LED

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

**WATTAGE:** 45W

**COLOR TEMPERATURE:** 4000K

**METAL HALIDE EQUIVALENT:** 175W

**COLOR RENDERING INDEX (CRI):** 85

**WARRANTY:** 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<br>0.16A @ 277V |

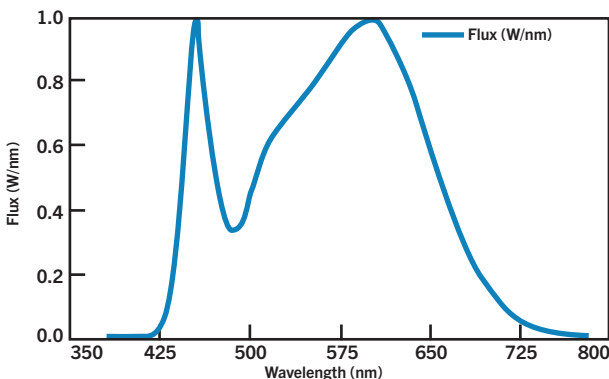
#### RATED LIFE

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

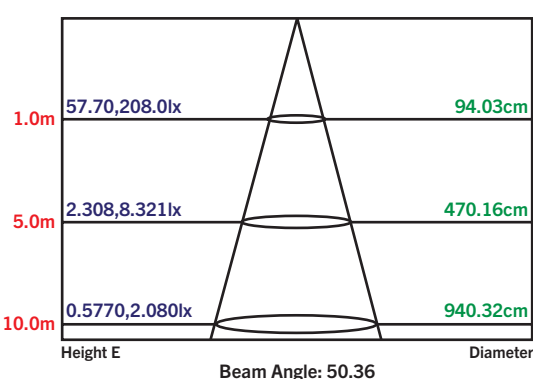
#### PHOTOMETRIC CHARACTERISTICS

|                             |          |
|-----------------------------|----------|
| 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



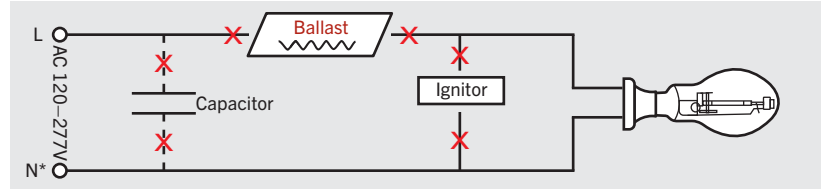
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## HID REPLACEMENT LED LAMP

### WIRING DIAGRAM

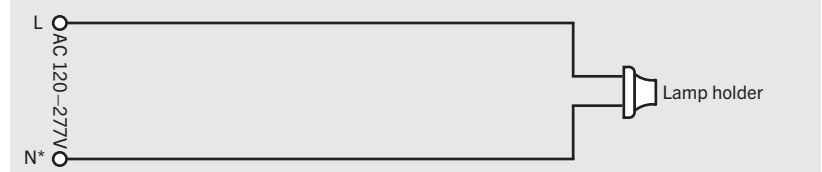
#### STEP 1

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



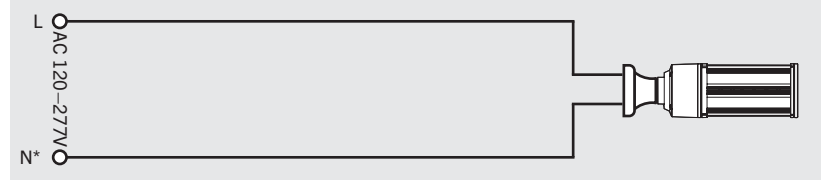
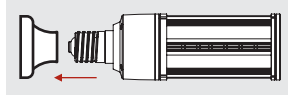
#### STEP 2

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.



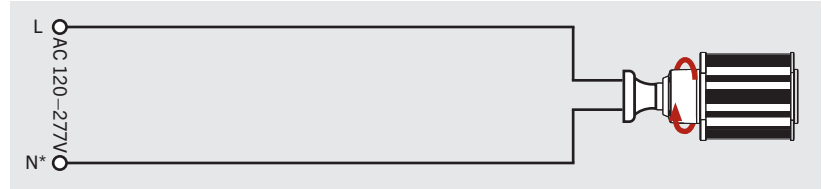
#### STEP 3

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



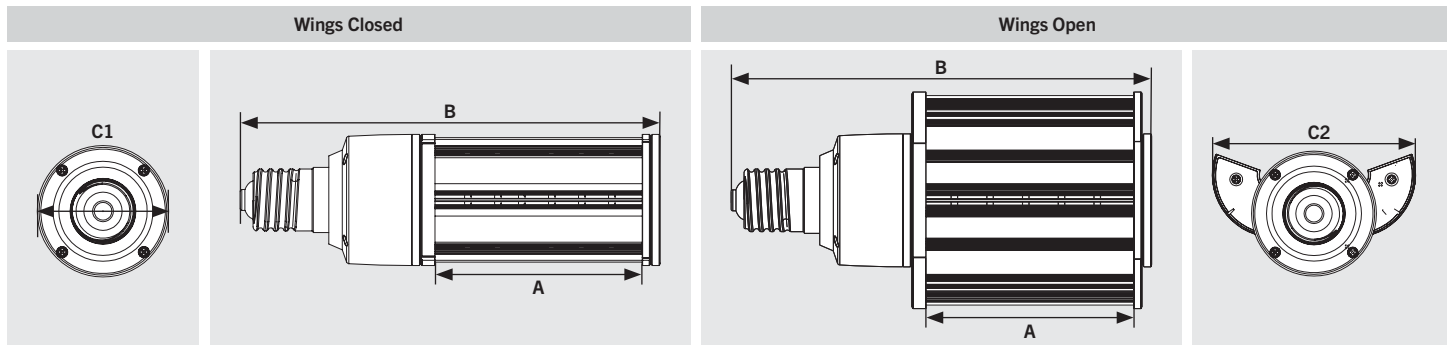
#### STEP 4

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

|                        |       |                        |       |
|------------------------|-------|------------------------|-------|
| A (Illuminated Length) | 5.83" | C (Diameter)           | 3.23" |
| B (Body Length)        | 9.76" | C2 (Width, Wings Open) | 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