



# KT-LED36HID-EX39-830-D / G3

## HID REPLACEMENT LED LAMP

### DESCRIPTION

36W HID Replacement LED Lamp | 3000K | > 80 CRI | IP64 Rated



**LAMP TYPE:** HID Replacement LED

**BASE TYPE:** EX39 (Mogul)

**WATTAGE:** 36W

**COLOR TEMPERATURE:** 3000K

**METAL HALIDE EQUIVALENT:** 150W

**COLOR RENDERING INDEX (CRI):** > 80

**WARRANTY:** 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
- 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
- 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    | 36W               | >0.9         | 0.30A @ 120V<br>0.13A @ 277V |

#### PHOTOMETRIC CHARACTERISTICS

|                             |          |
|-----------------------------|----------|
| Color Temperature (CCT)     | 3000K    |
| Luminous Flux*              | 5040 lm  |
| Color Rendering Index (CRI) | >80      |
| Efficacy                    | 140 lm/W |
| Visible Light Area          | 360°     |

\* Based off of total lamp lumens

#### SMART PORT

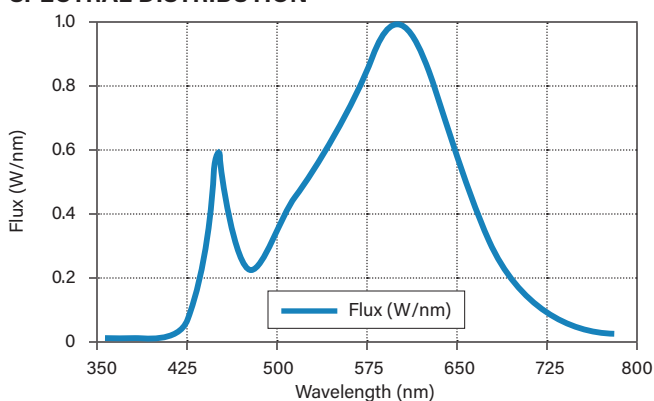


On the top of the lamp is a low-voltage AUX port for lamp level sensor controls which are coming soon, Q2+ 2019.

#### RATED LIFE

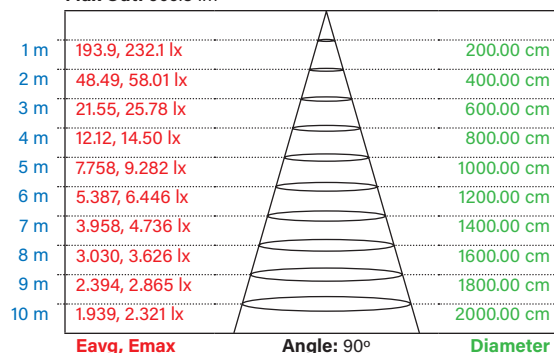
|             |        |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

#### SPECTRAL DISTRIBUTION



#### LUX DISTANCE CURVE

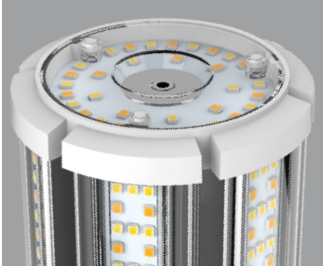
Flux Out: 609.3 lm



# KT-LED36HID-EX39-830-D / G3

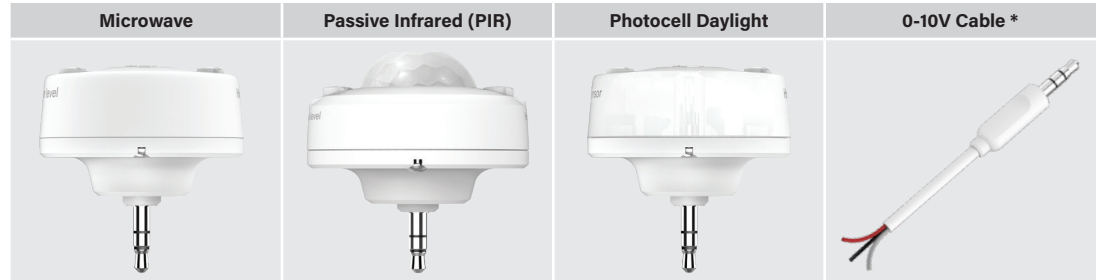
## HID REPLACEMENT LED LAMP

### 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

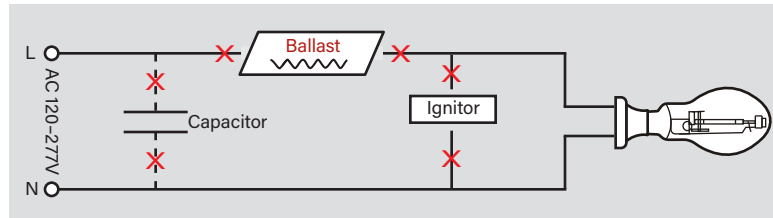


\* For use with continuous dimming applications.

### WIRING INSTRUCTIONS

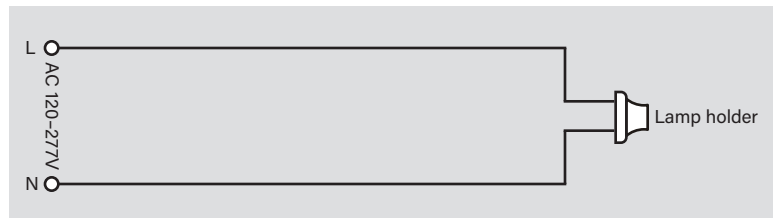
#### STEP 1

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



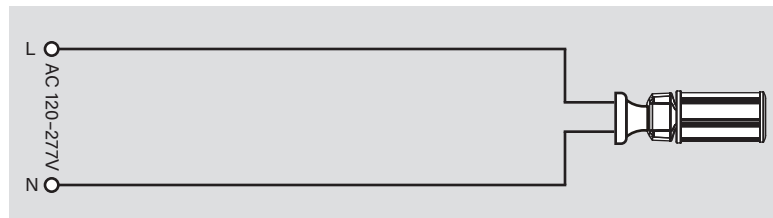
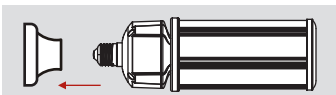
#### STEP 2

Rewire for line voltage to the lamp socket.

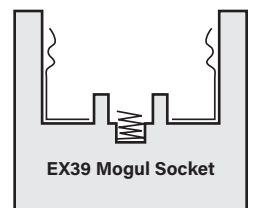
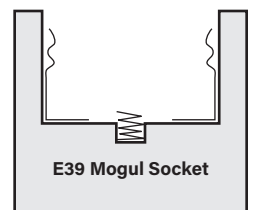


#### STEP 3

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.

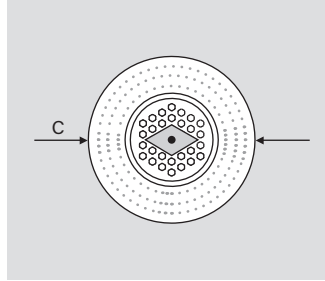
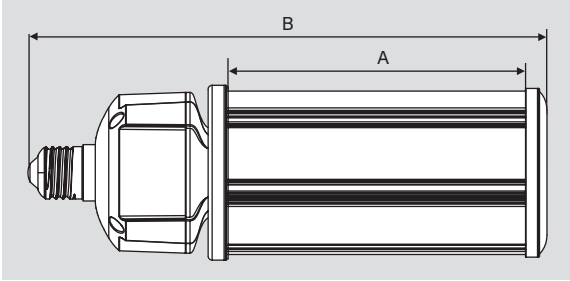




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## HID REPLACEMENT LED LAMP

### PHYSICAL CHARACTERISTICS



### LAMP DIMENSIONS

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

**BASE TYPE:** EX39 (Mogul)

### ORDERING INFORMATION

| ORDER CODE                 | PACK QTY. | UPC          | EASY CODE | DLC PRODUCT ID |
|----------------------------|-----------|--------------|-----------|----------------|
| KT-LED36HID-EX39-830-D /G3 | 16        | 843654123035 | BMZ-65    | PTALNFNE       |

### CATALOG NUMBER BREAKDOWN

# KT-LED36HID-EX39-830-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