



# KT-LED100PSHID-EX39-8CSB-D

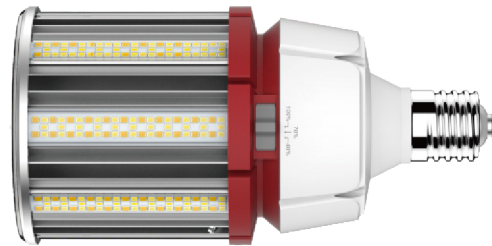
## HID REPLACEMENT LED LAMP

### DESCRIPTION

Power Selectable + Color Selectable 100W HID Replacement LED Lamp | 80 CRI | IP64



|  |
|--|
| <b>LAMP TYPE:</b> HID Replacement LED                    |
| <b>BASE TYPE:</b> EX39 (Mogul)                           |
| <b>SELECTABLE WATTAGE:</b> 100W, 80W, 63W                |
| <b>SELECTABLE COLOR TEMPERATURE:</b> 5000K, 4000K, 3000K |
| <b>METAL HALIDE EQUIVALENT:</b> 400W                     |
| <b>COLOR RENDERING INDEX (CRI):</b> >80                  |
| <b>WARRANTY:</b> 5 Years                                 |



### PRODUCT FEATURES

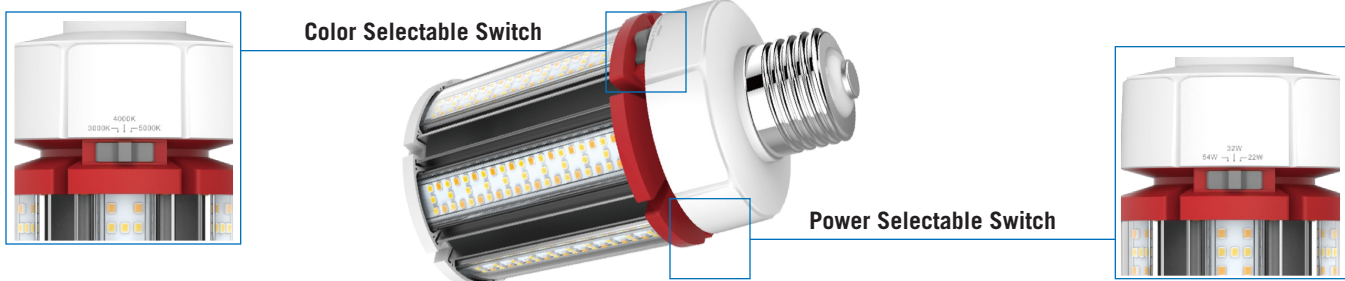
- Replacement for conventional metal halide lamp
- Selectable wattage: 100W, 80W, 63W
- Selectable CCT: 5000K, 4000K, 3000K
- UL listed
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- Operating temperature: -40°C/-40°F to 60°C/140°F
- Integral driver, eliminates 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. Minimum lamp compartment dimensions: 9.8in x 9.8in x 11.5in
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

### ELECTRICAL AND PERFORMANCE SPECIFICATIONS

| Keystone Catalog Number    | Input Voltage | Selectable Power | Selectable CCT | Base Type | CRI | Input Current                | Lumens   | Efficacy |
|----------------------------|---------------|------------------|----------------|-----------|-----|------------------------------|----------|----------|
| KT-LED100PSHID-EX39-8CSB-D | 120-277V      | 100W             | 3000K          | EX39      | >80 | 0.83A @ 120V<br>0.36A @ 277V | 13500 lm | 135 lm/W |
|                            |               |                  | 4000K          |           |     |                              | 14500 lm | 145 lm/W |
|                            |               |                  | 5000K          |           |     |                              | 14000 lm | 140 lm/W |
|                            | 120-277V      | 80W              | 3000K          | EX39      | >80 | 0.67A @ 120V<br>0.29A @ 277V | 10800 lm | 135 lm/W |
|                            |               |                  | 4000K          |           |     |                              | 11600 lm | 145 lm/W |
|                            |               |                  | 5000K          |           |     |                              | 11200 lm | 140 lm/W |
|                            | 120-277V      | 63W              | 3000K          | EX39      | >80 | 0.53A @ 120V<br>0.23A @ 277V | 8505 lm  | 135 lm/W |
|                            |               |                  | 4000K          |           |     |                              | 9135 lm  | 145 lm/W |
|                            |               |                  | 5000K          |           |     |                              | 8820 lm  | 140 lm/W |

\* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

### SELECTABILITY

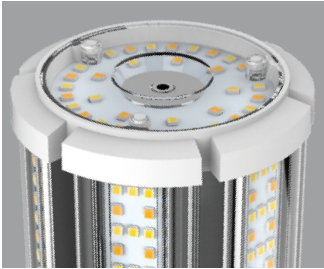




# KT-LED100PSHID-EX39-8CSB-D

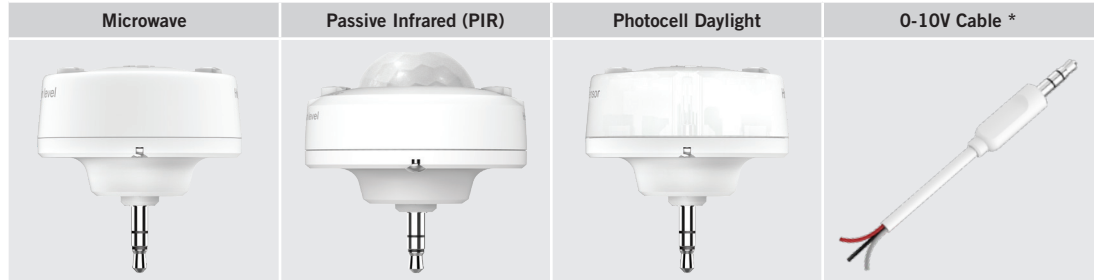
## HID REPLACEMENT LED LAMP

### 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

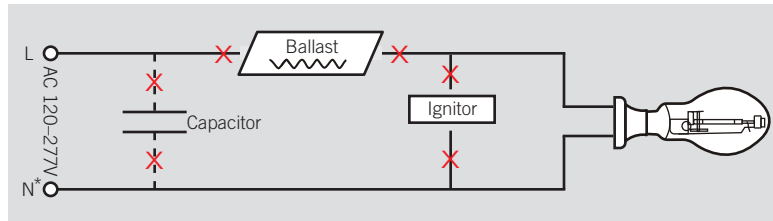


\* For use with continuous dimming applications.

### WIRING INSTRUCTIONS

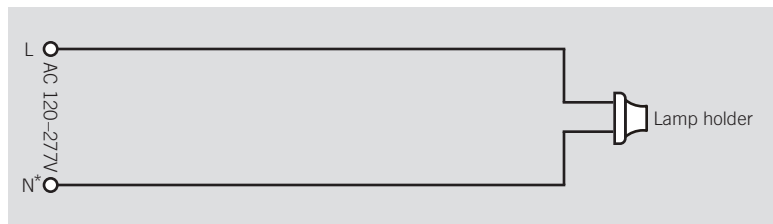
#### STEP 1

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



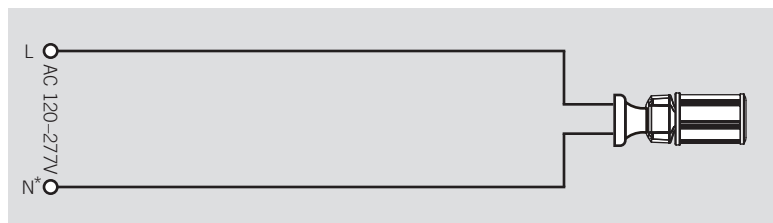
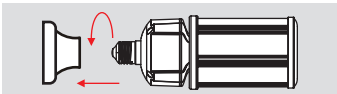
#### STEP 2

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



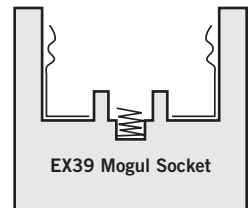
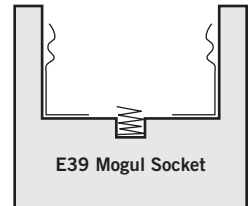
#### STEP 3

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



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

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

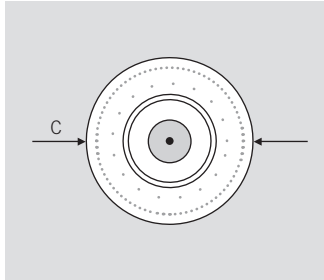
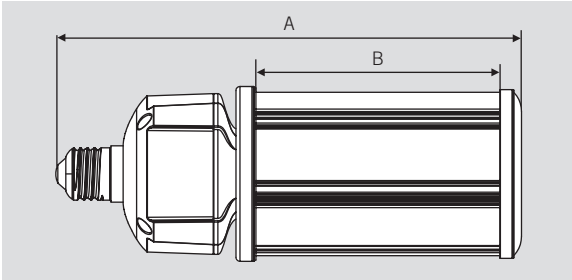




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## HID REPLACEMENT LED LAMP

**PHYSICAL CHARACTERISTICS**



**LAMP DIMENSIONS**

|                        |        |
|------------------------|--------|
| A (Body Length)        | 10.40" |
| B (Illuminated Length) | 4.50"  |
| C (Diameter)           | 5.00"  |

**BASE TYPE:** EX39 (Mogul)

**ORDERING INFORMATION**

| ORDER CODE                 | PACK QTY. | EASY CODE | UPC          |
|----------------------------|-----------|-----------|--------------|
| KT-LED100PSHID-EX39-8CSB-D | 6         | RMG-16    | 843654128863 |

**CATALOG NUMBER BREAKDOWN**

# KT-LED100PSHID-EX39-8CSB-D

1
2
3
4
5
6
7
8
9
10

- 1** Keystone Technologies
- 2** LED Lamp
- 3** Wattage
- 4** Power Selectable
- 5** Lamp Type
- 6** Base Type
- 7** 800 Series
- 8** Color Selectable
- 9** Color Select Designation
- 10** Direct Drive

**9 Color Select Designation**

|          |                            |
|----------|----------------------------|
| <b>A</b> | 3000K, 4000K, 5000K        |
| <b>B</b> | 3000K, 4000K, 5000K        |
| <b>C</b> | 3000K, 3500K, 4000K, 5000K |
| <b>D</b> | TBD                        |