



# 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**

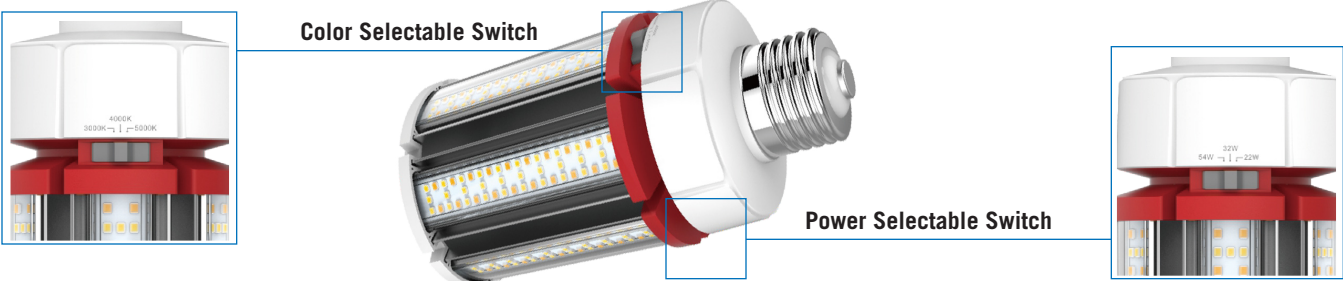
- Replacement for conventional metal halide lamp
- Selectable wattage: 100W, 80W, 63W
- Selectable CCT: 5000K, 4000K, 3000K
- Not for use with standard dimmers; see instructions
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- Operating temperature: -40°C/-40°F to 60°C/140°F
- Integral driver, eliminates the need for external driver or ballast; includes 4kV surge protection
- UL listed
- IP64 rated; integrated heat sink quickly dissipates heat and guides water intrusion out of the lamp
- Suitable for use in fully enclosed fixture

**ELECTRICAL AND PERFORMANCE SPECIFICATIONS**

Keystone Catalog Number	Input Voltage	Selectable Power	Selectable CCT	Base Type	CRI	Lumens	Efficacy
KT-LED100PSHID-EX39-8CSB-D	120-277V	100W	3000K	EX39	>80	13500 lm	135 lm/W
			4000K			14500 lm	145 lm/W
			5000K			14000 lm	140 lm/W
	120-277V	80W	3000K	EX39	>80	10800 lm	135 lm/W
			4000K			11600 lm	145 lm/W
			5000K			11200 lm	140 lm/W
	120-277V	63W	3000K	EX39	>80	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

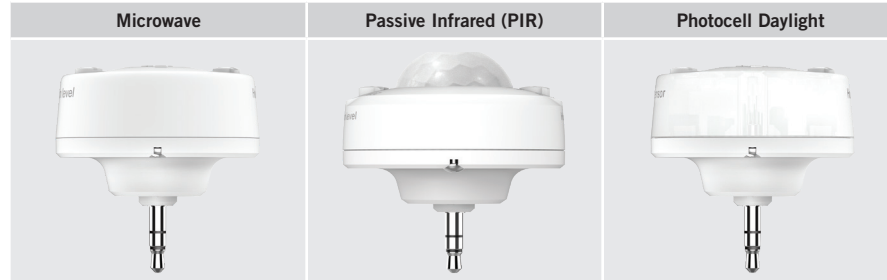
## HID REPLACEMENT LED LAMP

### SMART PORT LED



On the top of the lamp is a low-voltage AUX port for lamp level sensor controls.

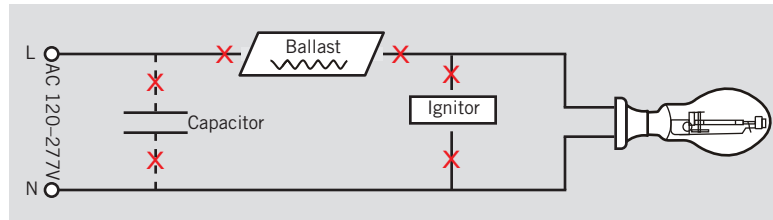
### SMART PORT LED AUX SENSORS



### WIRING INSTRUCTIONS

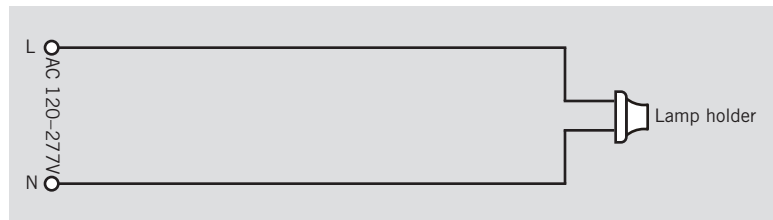
#### STEP 1

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



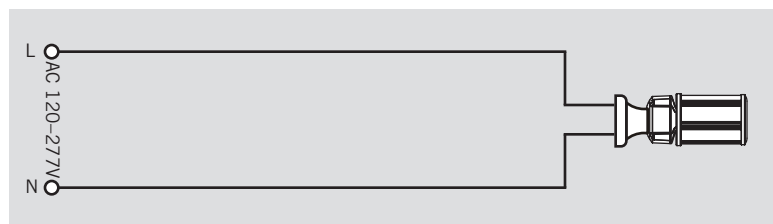
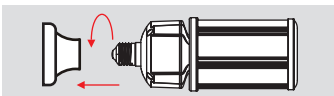
#### STEP 2

Rewire for line voltage to the lamp socket.

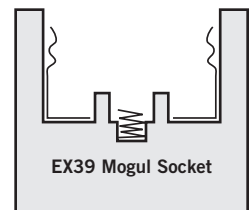
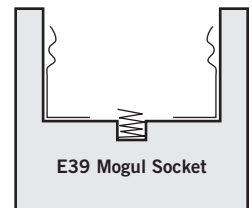


#### STEP 3

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.

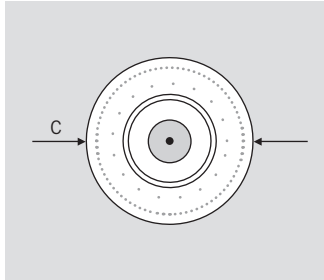
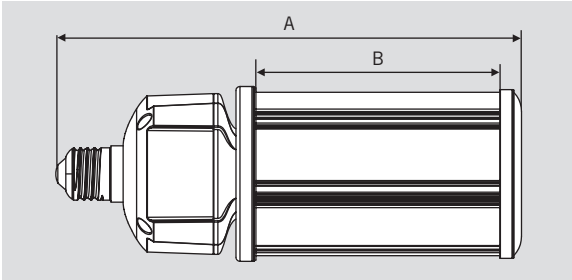




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## HID REPLACEMENT LED LAMP

**PHYSICAL CHARACTERISTICS**



**LAMP DIMENSIONS**

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

**BASE TYPE:** EX39 (Mogul)

**ORDERING INFORMATION**

CATALOG NUMBER	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

**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