



# KT-LED54HID-EX39-850-D /G3

## HID REPLACEMENT LED LAMP

### DESCRIPTION

54W HID Replacement LED Lamp | 5000K | >80 CRI | IP64 Rated



**LAMP TYPE:** HID Replacement LED

**BASE TYPE:** EX39 (Mogul)

**WATTAGE:** 54W

**COLOR TEMPERATURE:** 5000K

**METAL HALIDE EQUIVALENT:** 200–250W

**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. Minimum lamp compartment dimensions: 8in x 8in x 10in
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

### OPERATING SPECIFICATIONS

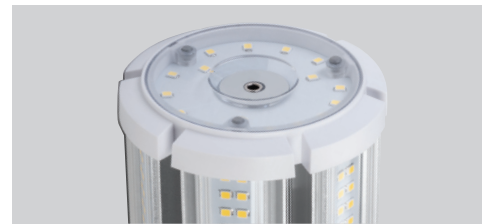
#### ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120–277Vac	54W	>0.9	0.45A @ 120V 0.20A @ 277V

#### PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	8100 lm
Color Rendering Index (CRI)	>80
Efficacy	150 lm/W
Visible Light Area	360°

#### SMART PORT

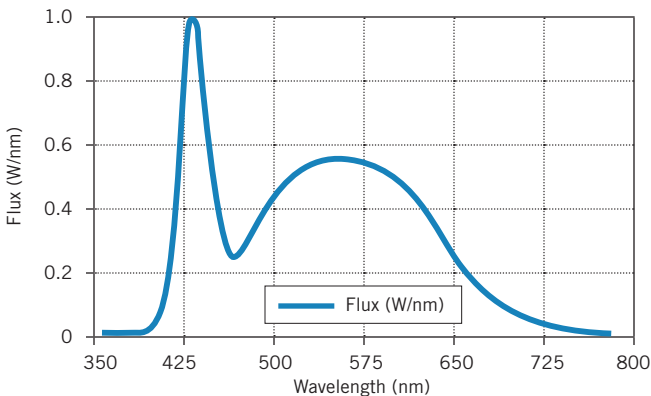


On the top of the lamp is a low-voltage AUX port for lamp level sensor controls which are coming soon, Q2+ 2019.

#### RATED LIFE

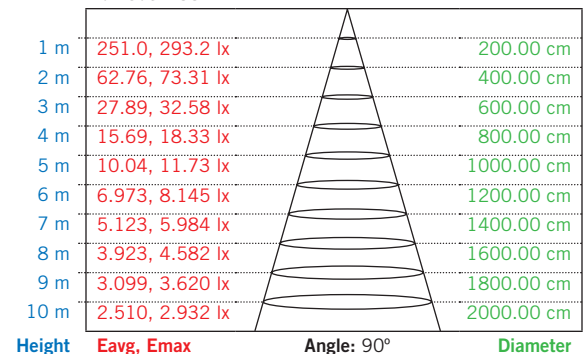
L70 (Hours)	50,000
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#### SPECTRAL DISTRIBUTION



#### LUX DISTANCE CURVE

Flux Out: 788.7 lm





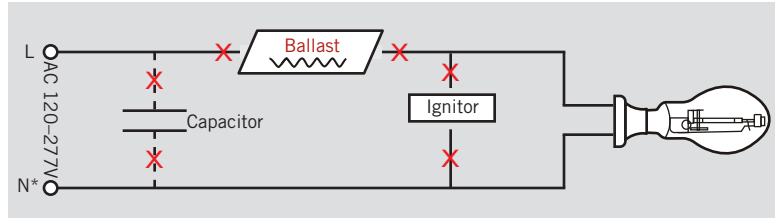
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### WIRING INSTRUCTIONS

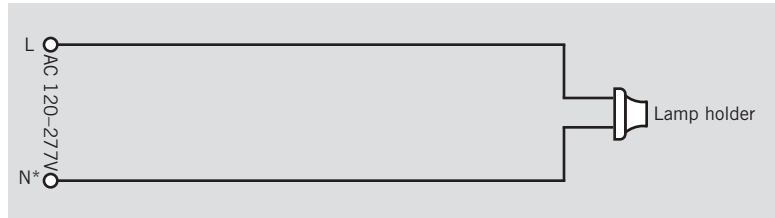
#### STEP 1

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



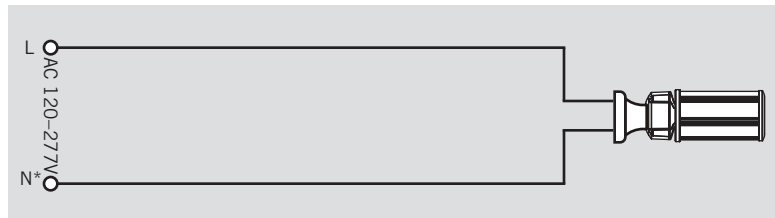
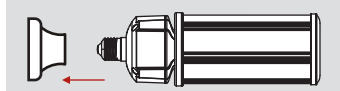
#### STEP 2

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.



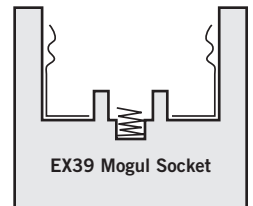
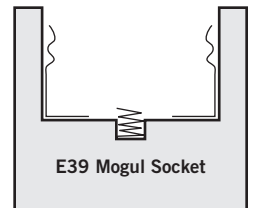
#### STEP 3

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

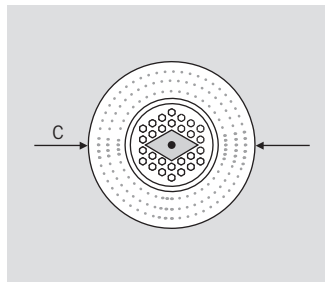
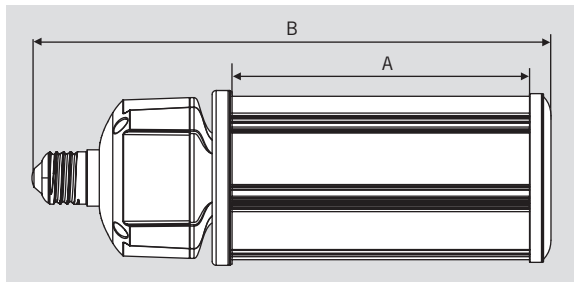


\*or other line for certain three phase systems such as 120/208 three phase wye systems

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



### PHYSICAL CHARACTERISTICS



#### LAMP DIMENSIONS

A (Illuminated Length)	5.07"
B (Body Length)	9.80"
C (Diameter)	3.34"

**BASE TYPE:** EX39 (Mogul)



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## ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED54HID-EX39-850-D /G3-DP	12	QGT-69	843654123134

## CATALOG NUMBER BREAKDOWN

# KT-LED54HID-EX39-850-D /G3-DP

1 2 3 4 5 6 7 8 9 10

- 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
- 10 Packaging Style