KT-LED54HID-EX39-830-D /G3

HID REPLACEMENT LED LAMP

DESCRIPTION

54W HID Replacement LED Lamp | 3000K | >80 CRI | IP64 Rated

- **LAMP TYPE:** HID Replacement LED
- **BASE TYPE:** EX39 (Mogul)
- **WATTAGE:** 54W
- **COLOR TEMPERATURE:** 3000K
- **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

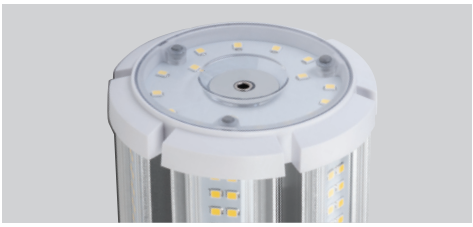
ELECTRICAL CHARACTERISTICS

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

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	3000K
Luminous Flux	7560 lm
Color Rendering Index (CRI)	>80
Efficacy	140 lm/W
Visible Light Area	360°

SMART PORT

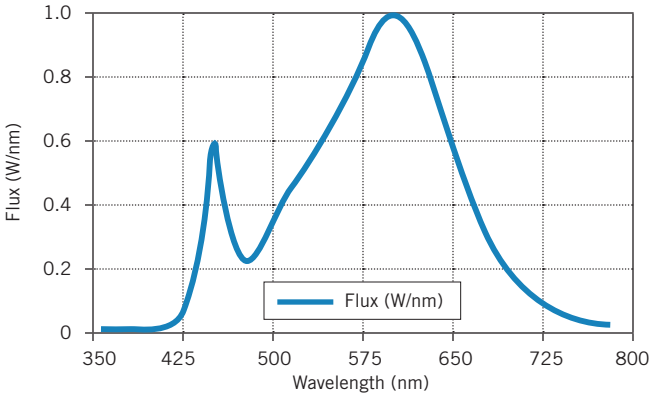


On the top of the lamp is a low-voltage AUX port for lamp level sensor controls which are coming soon, Q2+ 2019.

RATED LIFE

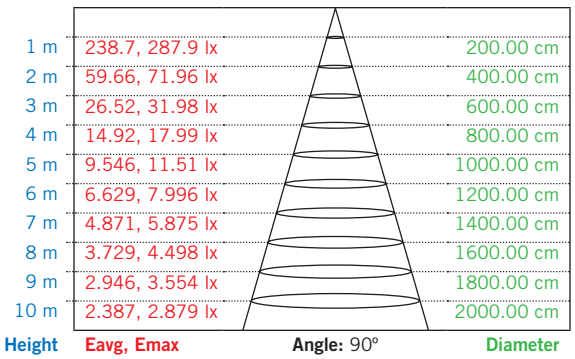
L70 (Hours)	50,000

SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE

Flux Out: 749.8 lm



1 m	238.7, 287.9 lx	200.00 cm
2 m	59.66, 71.96 lx	400.00 cm
3 m	26.52, 31.98 lx	600.00 cm
4 m	14.92, 17.99 lx	800.00 cm
5 m	9.546, 11.51 lx	1000.00 cm
6 m	6.629, 7.996 lx	1200.00 cm
7 m	4.871, 5.875 lx	1400.00 cm
8 m	3.729, 4.498 lx	1600.00 cm
9 m	2.946, 3.554 lx	1800.00 cm
10 m	2.387, 2.879 lx	2000.00 cm

Height | Eavg, Emax | **Angle:** 90° | Diameter

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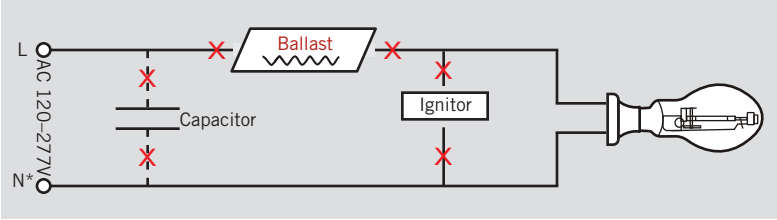
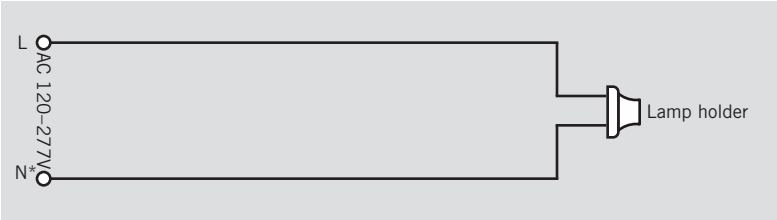
WIRING INSTRUCTIONS

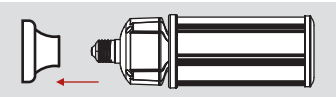
STEP 1
Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.

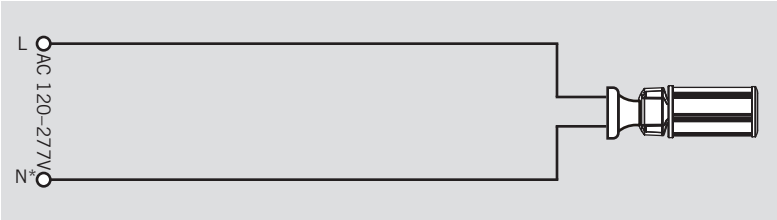


STEP 2
Rewire for line voltage to the lamp socket. Lamp is compatible with 120-277V from single phase, three phase wye, and three phase delta systems.



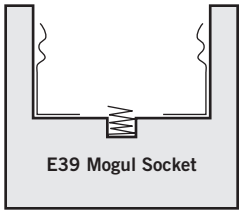
STEP 3
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.

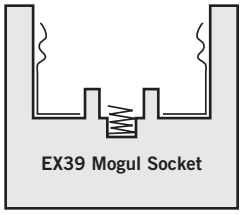




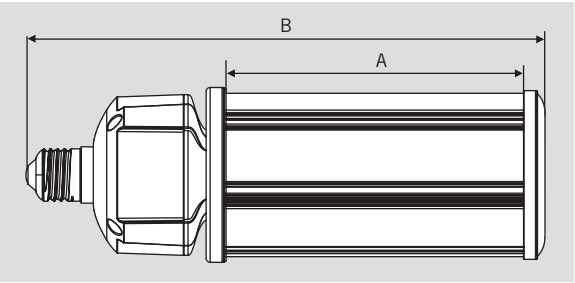
*or other line for certain three phase systems such as 120/208 three phase wye systems

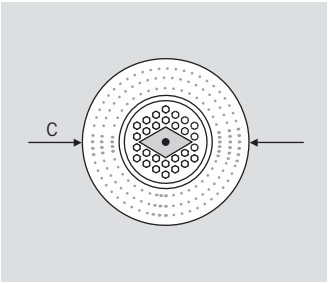
EX39-based lamps will work in *both* **E39** and **EX39** sockets.





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-EX39-830-D /G3-DP	12	XLS-23	843654123127

CATALOG NUMBER BREAKDOWN

KT-LED54HID-EX39-830-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