



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
- 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



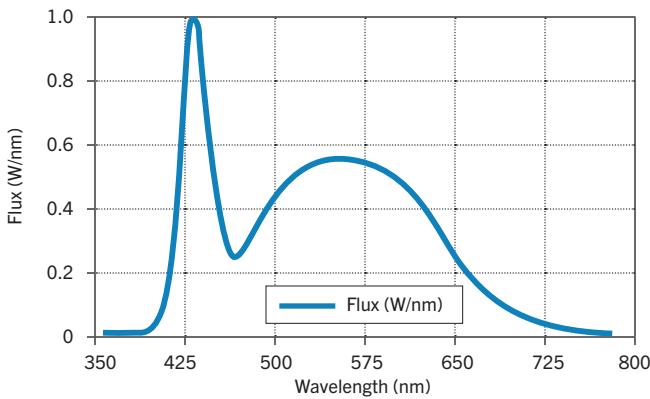
On the top of the lamp is a low-voltage AUX port for lamp level sensor controls which are coming soon, Q2+ 2019.

RATED LIFE

L70 (Hours)	50,000
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* Based off of total lamp lumens

SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE

Flux Out: 788.7 lm

Height	Eavg, Emax	Angle: 90°	Diameter
1 m	251.0, 293.2 lx	200.00 cm	
2 m	62.76, 73.31 lx	400.00 cm	
3 m	27.89, 32.58 lx	600.00 cm	
4 m	15.69, 18.33 lx	800.00 cm	
5 m	10.04, 11.73 lx	1000.00 cm	
6 m	6.973, 8.145 lx	1200.00 cm	
7 m	5.123, 5.984 lx	1400.00 cm	
8 m	3.923, 4.582 lx	1600.00 cm	
9 m	3.099, 3.620 lx	1800.00 cm	
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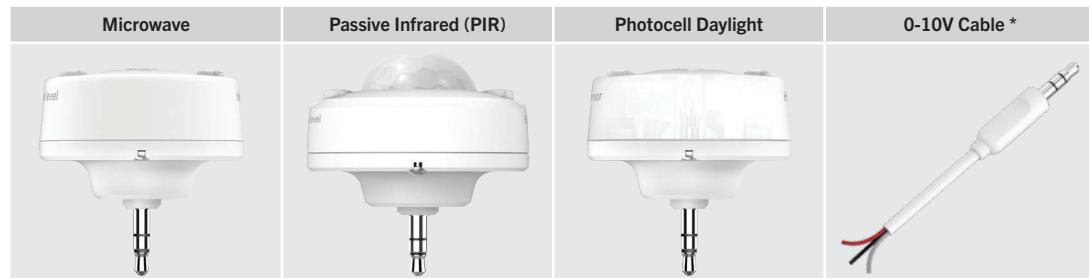
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SMART PORT LED



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

SMART PORT LED AUX SENSORS

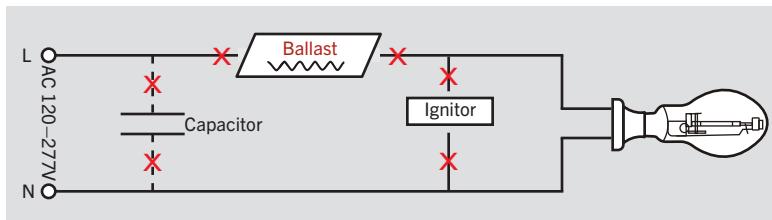


* For use with continuous dimming applications.

WIRING INSTRUCTIONS

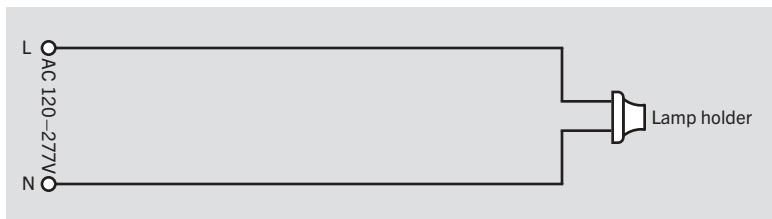
STEP 1

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



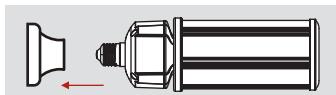
STEP 2

Rewire for line voltage to the lamp socket.

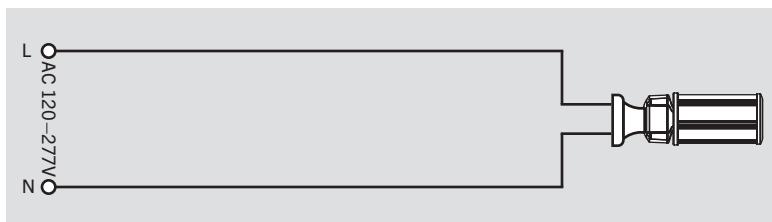
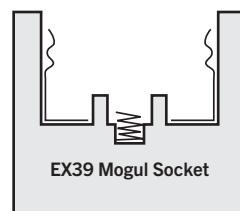
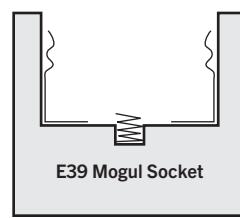


STEP 3

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.

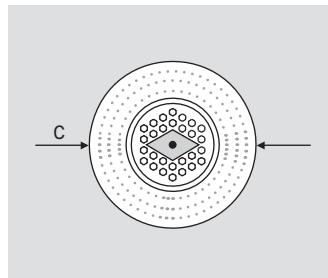
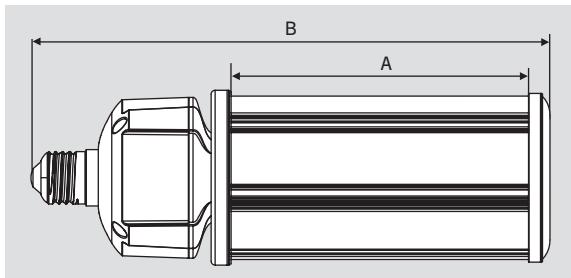




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PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

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

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC	DLC PRODUCT ID
KT-LED54HID-EX39-850-D /G3	12	QGT-69	843654123134	PM77EY0M

CATALOG NUMBER BREAKDOWN

KT-LED54HID-EX39-850-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



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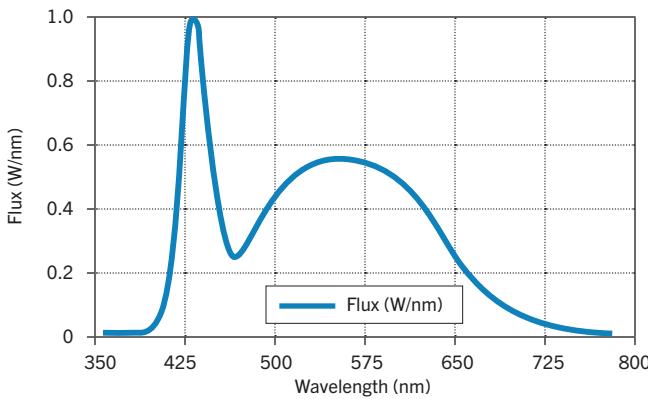
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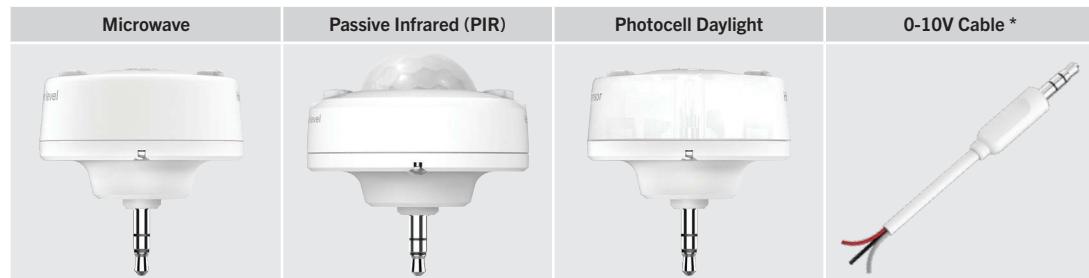
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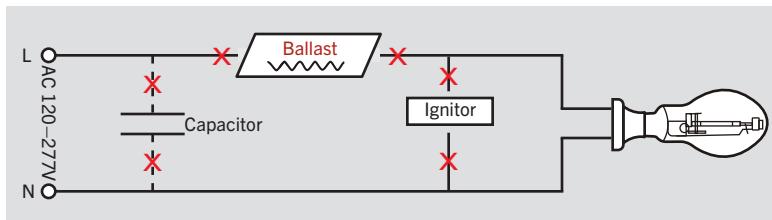


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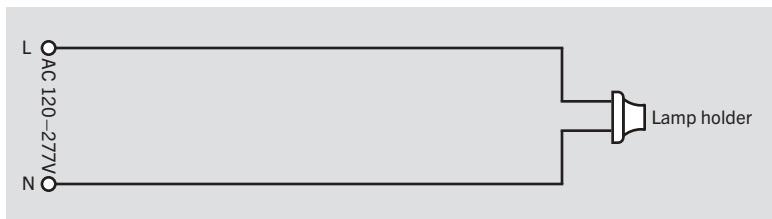
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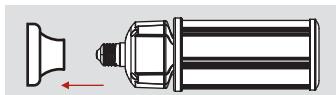
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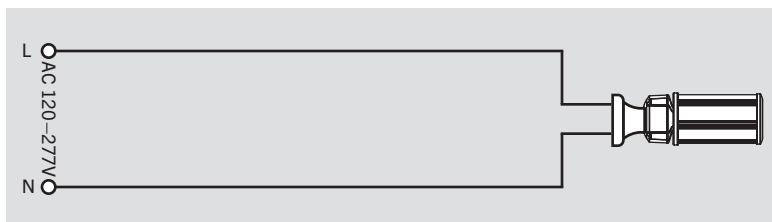
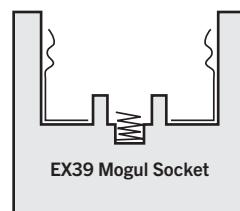
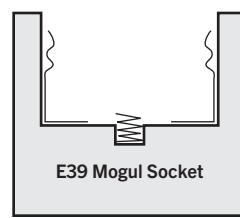


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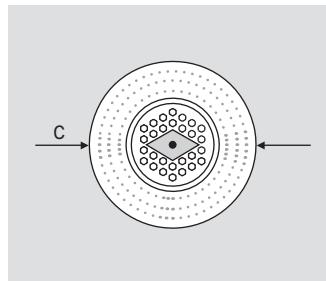
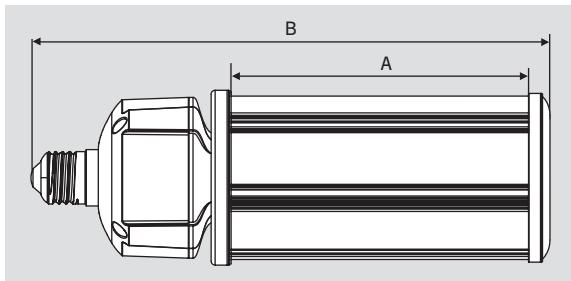




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