KT-LED54HID-EX39-850-D

HID REPLACEMENT LED LAMP

rev.1

DESCRIPTION

54W HID Replacement LED Lamp | 5000K | >83 CRI | IP64 Rated

LAMP TYPE:	HID Replacement LED
BASE TYPE:	EX39 (Mogul)
WATTAGE:	54W
COLOR TEMPERATURE:	5000K
METAL HALIDE EQUIVALENT:	250W
COLOR RENDERING INDEX (CRI):	>83
WARRANTY:	5 Years

PRODUCT FEATURES

- Replacement for Conventional Metal Halide Lamp
- Non-Dimmable; Do Not Dim
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Suitable for Use in Fully Enclosed Fixture
- UL Listed
- DLC Listed
- Operating Temperature: -29ºC/-20ºF to 60ºC/140ºF
- 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
- Active Cooling Technology: When Internal Thermal Sensor Reaches 84°C, Lamp Power Reduces To 80% Of Max; When Sensor Cools To 65°C Lamp Powers Back Up To 100% Rated Power

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	54W	>0.9	0.47A @ 120V 0.20A @ 277V

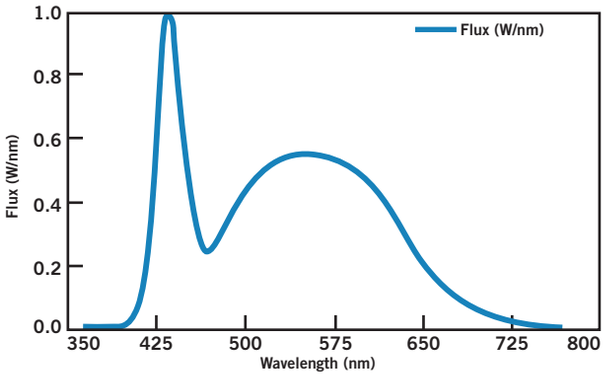
RATED LIFE

L70 (Hours)	50,000

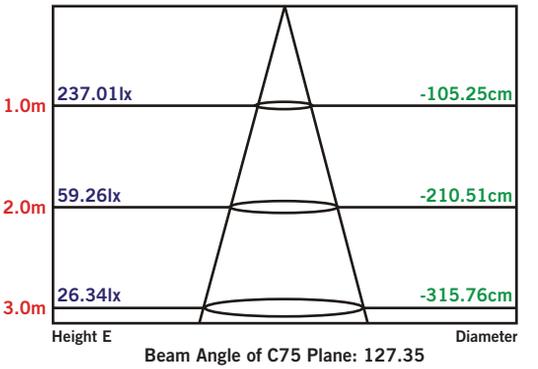
PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	7660 lm
Color Rendering Index (CRI)	>83
Efficacy	142 lm/W
Visible Light Area	360°

SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE



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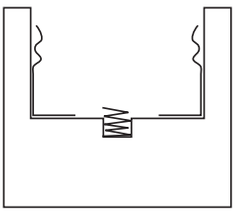
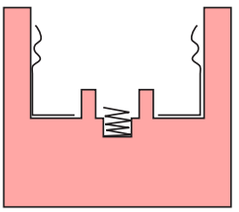


E39 MOGUL SOCKET



EX39 MOGUL SOCKET

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

WIRING DIAGRAM

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.

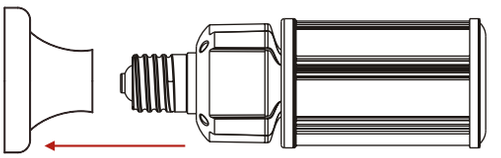


FIGURE 1

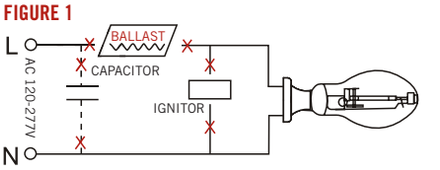


FIGURE 2

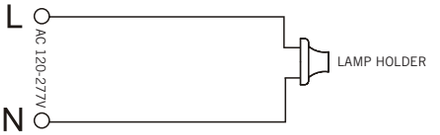
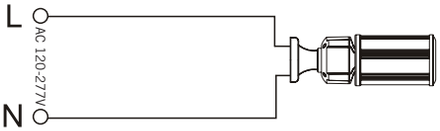


FIGURE 3



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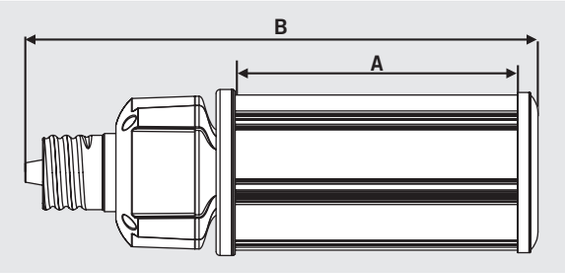

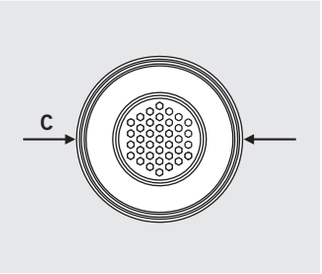

LAMP DIMENSIONS

A (Illuminated Length)	5.83”
B (Body Length)	10.70”
C (Diameter)	3.43”

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED54HID-EX39-850-D rev1	Distributor Pack (Individual Cartons)	16	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED54HID-EX39-850-D rev1

- KT — Keystone Technologies
- LED — LED Lamp
- 54 — Wattage
- HID — Lamp Type
- EX39 — Base Type
- 8 — 800 Series
- 50 — Color Temp.
- D — Direct Drive Series
- rev1 — LED Chip Revision

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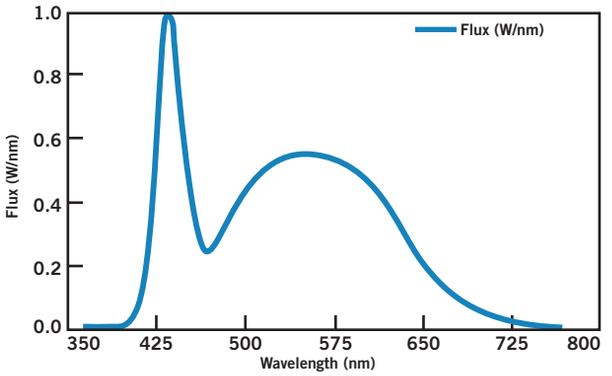

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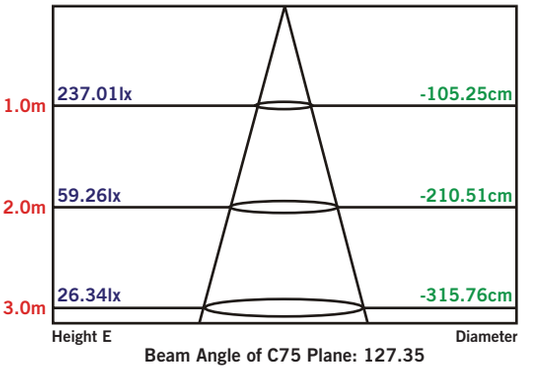

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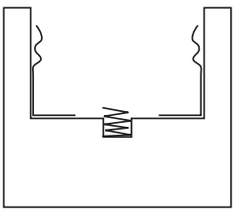

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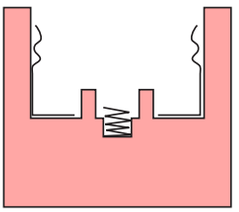

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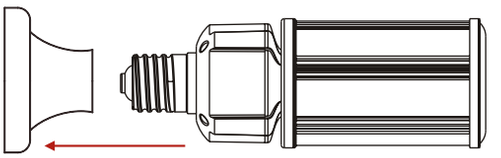

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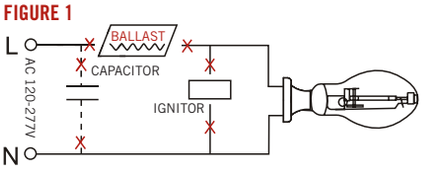

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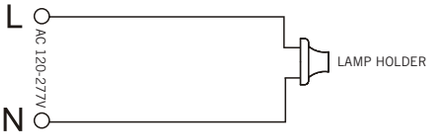

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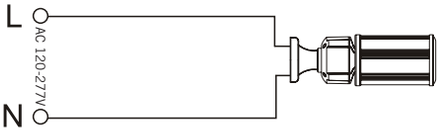

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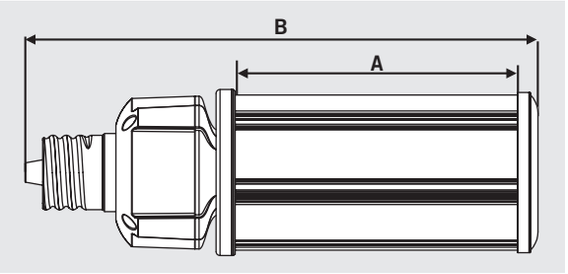

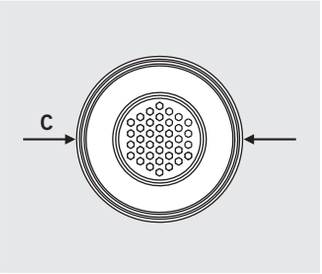

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