KEYSTONE SINCE 1945

DIRECT DRIVE HID LED

KT-LED45HID-EX39-850-D
HID REPLACEMENT LED LAMP

rev.1

DLC | c(UL)us LISTED | RoHS Compliant | 5 YEAR WARRANTY

DESCRIPTION

45W HID Replacement LED Lamp I 5000K I >83 CRI I IP64 Rated

LAMP TYPE:	HID Replacement LED
BASE TYPE:	EX39 (Mogul)
WATTAGE:	45W
COLOR TEMPERATURE:	5000K
METAL HALIDE EQUIVALENT:	175W
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
- 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
- Suitable for Use in Fully Enclosed Fixture

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	45W	>0.9	0.42A @ 120V 0.18A @ 277V

RATED LIFE

L70 (Hours)	
	50,000

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	6350 lm
Color Rendering Index (CRI)	>83
Efficacy	141 lm/W
Visible Light Area	360º

SPECTRAL DISTRIBUTION

LUX DISTANCE CURVE

1.0m	199.33lx	-108.22cm
2.0m	49.83lx	-216.44cm
3.0m	22.15lx	-324.66cm

Height E | Diameter
Beam Angle of C75 Plane: 126.08

Keystone Technologies • 1390 Welsh Road, North Wales, PA 19454 • Phone (800) 464-2680 • Fax (888) 966-0556 • **www.keystonelamp.com**

Specifications subject to change. Last revised on 6.7.18

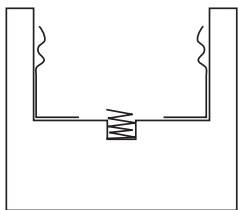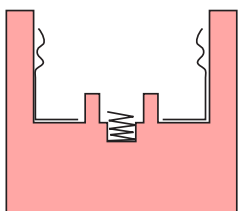**KEYSTONE** SINCE 1945 | **DIRECT DRIVE HID LED**
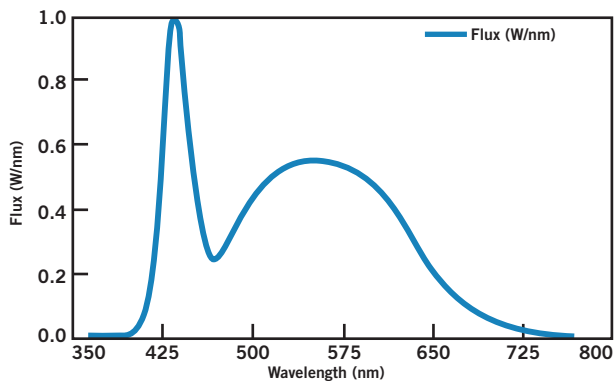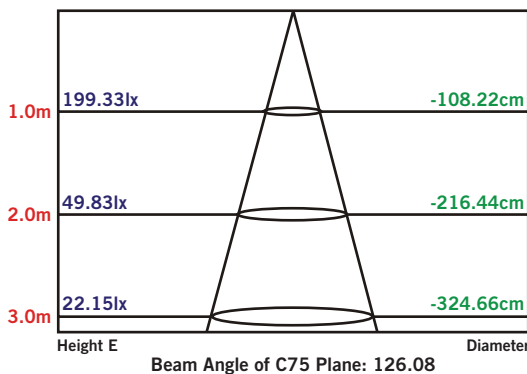
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E39 MOGUL SOCKET

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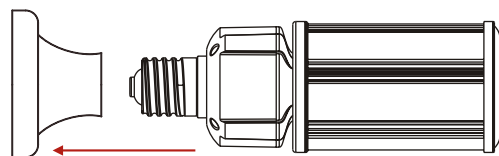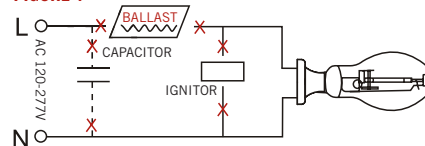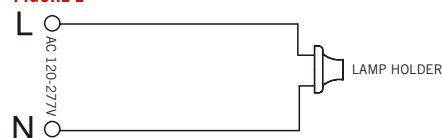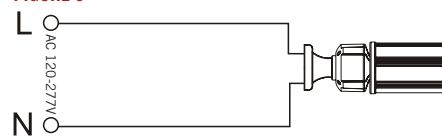Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.

FIGURE 1
L — AC 120-277V — N
BALLAST
CAPACITOR
IGNITOR

FIGURE 2
L — AC 120-277V — N
LAMP HOLDER

FIGURE 3
L — AC 120-277V — N

PHYSICAL CHARACTERISTICS

B
A

C
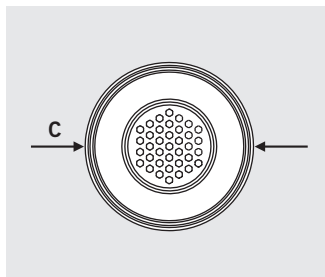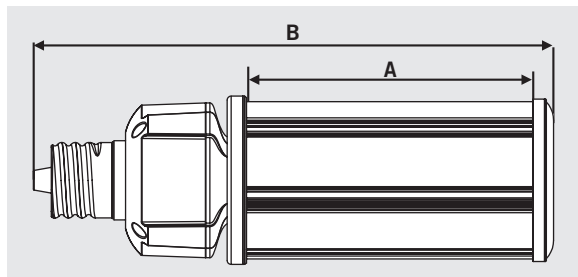
LAMP DIMENSIONS

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-LED45HID-EX39-850-D rev1	Distributor Pack (Individual Cartons)	16	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED45HID-EX39-850-D rev1

KT	LED	45	HID	EX39	850		D	rev1
Keystone Technologies	LED Lamp	Wattage	Lamp Type	Base Type	800 Series	Color Temp.	Direct Drive Series	LED Chip Revision