KEYSTONE
SINCE 1945
LIGHT MADE EASY®

DIRECT DRIVE HID LED

KT-LED27HID-EX39-850-D /G2
HID REPLACEMENT LED LAMP

C UL US LISTED | RoHS Compliant | TRUSTED WARRANTY N/B | 5 YEAR WARRANTY

DESCRIPTION

27W HID Replacement LED Lamp | 5000K | >80 CRI | IP64 Rated

LAMP TYPE: HID Replacement LED	
BASE TYPE: EX39 (Mogul)	
WATTAGE: 27W	
COLOR TEMPERATURE: 5000K	
METAL HALIDE EQUIVALENT: 100W	
COLOR RENDERING INDEX (CRI): >80	
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
- 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. Minimum lamp compartment dimensions: 6in x 6in x 7.3in

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	27W	>0.9	0.23A @ 120V 0.10A @ 277V

RATED LIFE

L70 (Hours)	
	50,000

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	3915 lm
Color Rendering Index (CRI)	>80
Efficacy	145 lm/W
Visible Light Area	360º

SPECTRAL DISTRIBUTION

LUX DISTANCE CURVE

1.0m	126.84lx	-107.24cm
2.0m	31.71lx	-214.47cm
3.0m	14.09lx	-324.66cm
Height E		Diameter

Beam Angle of C90 Plane: 126.58
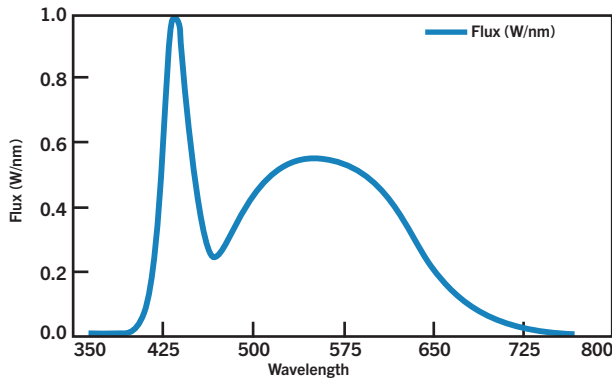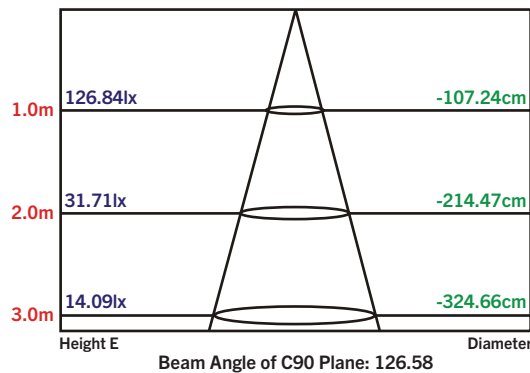
KT-LED27HID-EX39-850-D /G2
HID REPLACEMENT LED LAMP
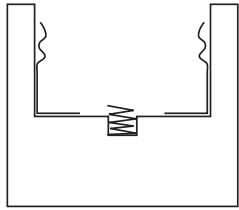
WIRING DIAGRAM
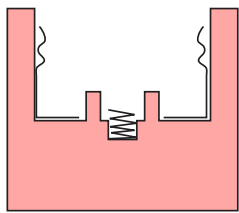
E39 MOGUL SOCKET

EX39 MOGUL SOCKET

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

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
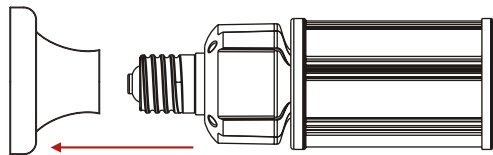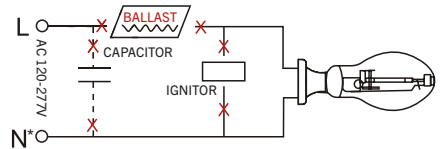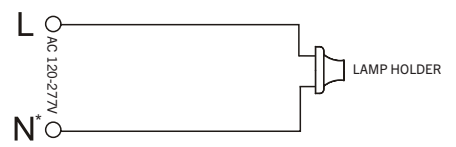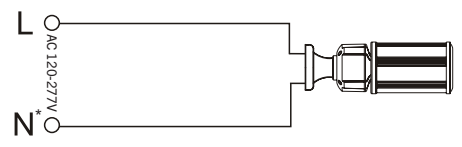Install new LED replacement lamp. Ensure lamp is

FIGURE 1

L AC 120-277V
BALLAST
CAPACITOR
IGNITOR
N*

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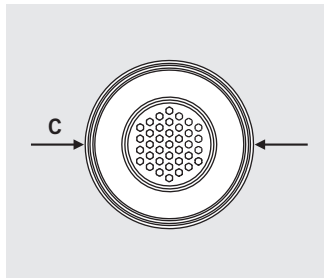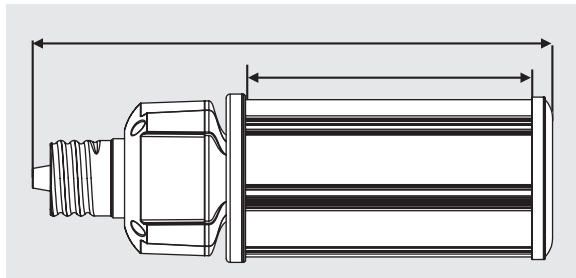
L AC 120-277V
LAMP HOLDER
N*

FIGURE 3

L AC 120-277V
N*

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

PHYSICAL CHARACTERISTICS

C

LAMP DIMENSIONS

A (Illuminated Length)	3.42"
B (Body Length)	7.37"
C (Diameter)	2.36"

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED27HID-EX39-850-D /G2-DP	Distributor Pack (Individual Cartons)	16	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED27HID-EX39-850-D /G2-DP

Keystone Technologies	LED Lamp	Watt-age	Lamp Type	Base Type	80 CRI	Color Temp.	Direct Drive Series	2nd Generation	Packaging Style