KEYSTONE
SINCE 1945
LIGHT MADE EASY™

SMARTDRIVE® HID LED

KT-LED115HID-V-EX39-850-D /G2
HID REPLACEMENT LED LAMP

DESCRIPTION

115W HID Replacement LED Lamp **I** 5000K **I** >80 CRI **I** Vertical Light Direction

LAMP TYPE: HID Replacement LED	**METAL HALIDE EQUIVALENT:** 400W
BASE TYPE: EX39 (Mogul)	**COLOR RENDERING INDEX (CRI):** >80
WATTAGE: 115W	**WARRANTY:** 5 Years
COLOR TEMPERATURE: 5000K	

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
- Delivers approximately 5% uplight
- Suitable for use in fully enclosed fixture
- Integral driver, eliminates the need for external driver or ballast; Includes 4kV surge protection
- Operating temperature range: –30°C/–22°F to 60°C/140°F
- Exceeding 30°C/86°F in fully enclosed fixtures will engage active cooling and power de-rating to ensure full product lifetime
- Lamp top has a low-voltage AUX port for lamp level sensor controls
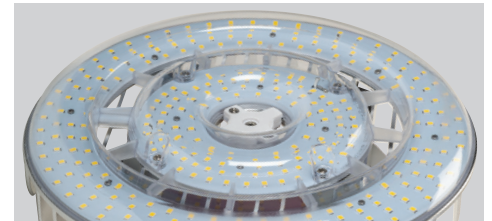
OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120–277Vac	115W	>0.9	0.96A @ 120V 0.42A @ 277V

RATED LIFE

L70 (Hours)	50,000

PHOTOMETRIC CHARACTERISTICS

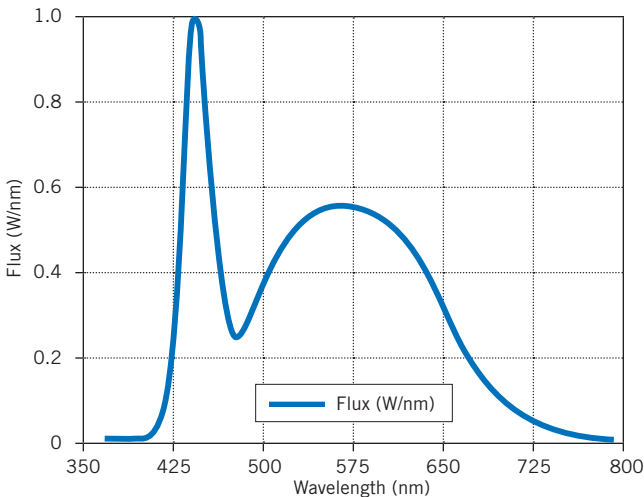|	
Color Temperature (CCT)	5000K
Luminous Flux	15750 lm
Color Rendering Index (CRI)	>80
Efficacy	137 lm/W
Visible Light Area	180°

SMART PORT LED COMPATIBLE

On the top of the lamp is a low-voltage AUX port for Smart Port LED sensors.
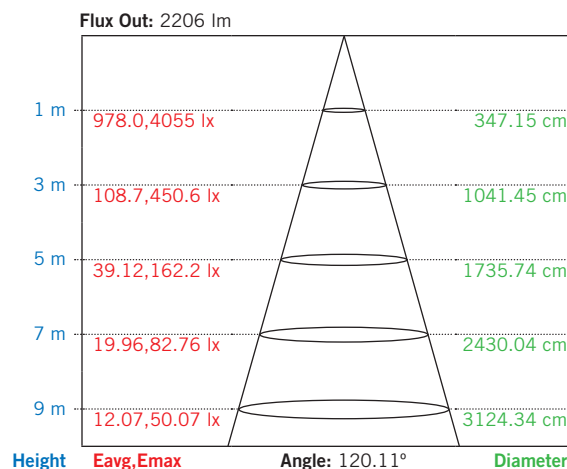See *Accessories* for available sensor options.

SPECTRAL DISTRIBUTION

LUX DISTANCE CURVE

Flux Out: 2206 lm

Height	Eavg,Emax		Diameter
1 m	978.0,4055 lx		347.15 cm
3 m	108.7,450.6 lx		1041.45 cm
5 m	39.12,162.2 lx		1735.74 cm
7 m	19.96,82.76 lx		2430.04 cm
9 m	12.07,50.07 lx		3124.34 cm

Angle: 120.11°

Note: The curves indicate the illuminated area and the average illumination when the luminaire is at a different distance.

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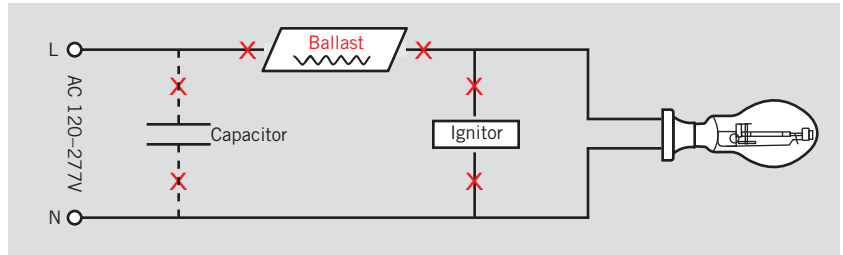SINCE 1945
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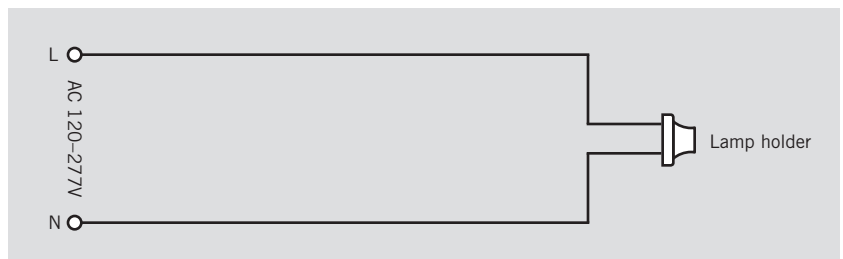## HID REPLACEMENT LED LAMP

WIRING INSTRUCTIONS

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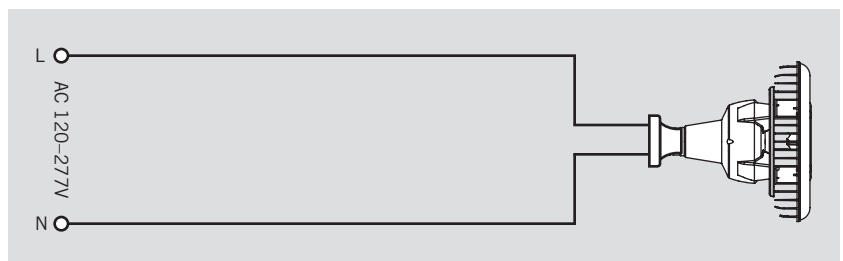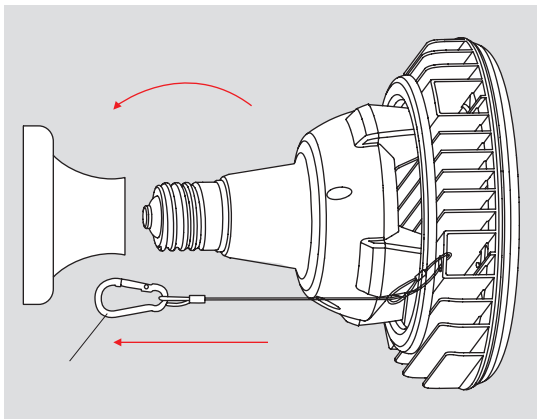

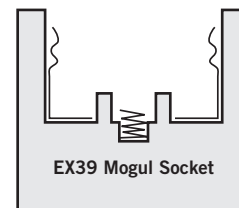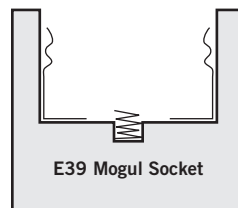### STEP 2
Rewire for line voltage to the lamp socket.

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

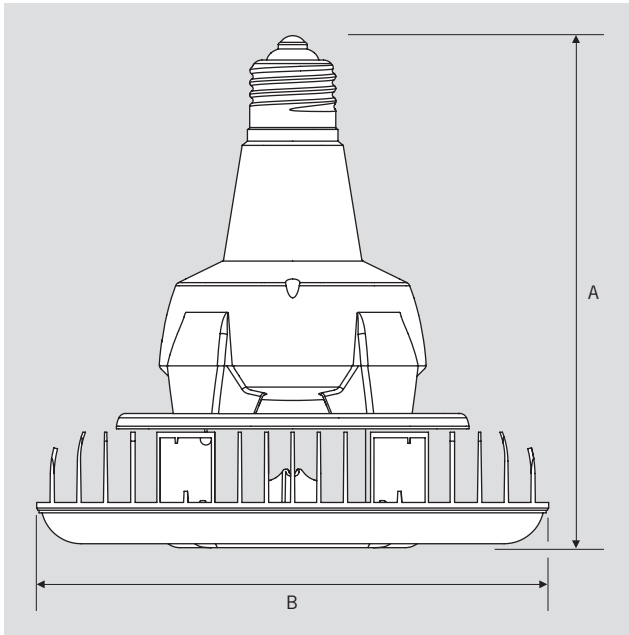**EX39-based lamps** will work in *both* **E39** and **EX39** sockets.

E39 Mogul Socket   EX39 Mogul Socket

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PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

A (Body Length)	9.05"
B (Diameter)	9.25"

BASE TYPE: EX39 (Mogul)

ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Description
KTS-MW1-12V-AUX	SmartPort LED Microwave Occupancy sensor: On/Off with adjustable standby dimming level; 12V input
KTS-PIR1-12V-AUX	SmartPort LED PIR Occupancy sensor: On/Off with adjustable standby dimming level; 12V input
KTS-PS1-12V-AUX	SmartPort LED Photocell: On/Off with adjustable daylight threshold and timing; 12V input

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED115HID-V-EX39-850-D /G2-DP	Distributor Pack (Individual Cartons)	4	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED115HID-V-EX39-850-D /G2
1　2　3　4　5　6　7 8　9　10

1 **Keystone Technologies**	6 **Base Type**
2 **LED Lamp**	7 **800 Series**
3 **Wattage**	8 **Color Temperature**
4 **Lamp Type**	9 **Direct-Drive Series**
5 **Vertical Orientation**	10 **Second Generation**