



KT-LED80HID-H-EX39-850-D /G3

HID REPLACEMENT LED LAMP

DESCRIPTION

80W HID Replacement LED Lamp | 5000K | 85 CRI | IP64 Rated



LAMP TYPE: HID Replacement LED

BASE TYPE: EX39 (Mogul) Rotatable

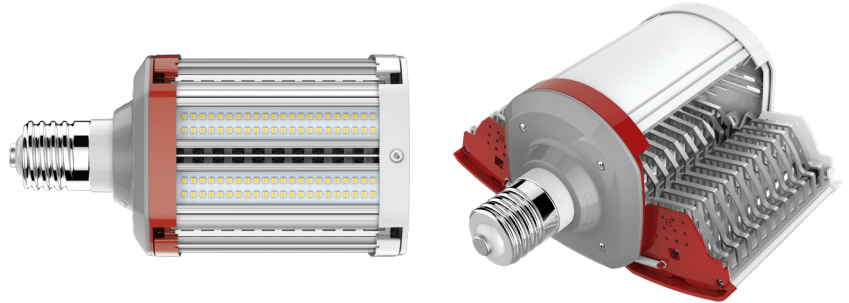
WATTAGE: 80W

COLOR TEMPERATURE: 5000K

METAL HALIDE EQUIVALENT: 250W/320W

COLOR RENDERING INDEX (CRI): 85

WARRANTY: 5 Years



PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- Ideal for shoebox and canopy retrofit applications
- Do not use with standard dimmers; see instructions
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL Listed; listed on DLC QPL
- Optimized for horizontal applications with directional light output from opening LED assembly construction
- Operating temperature: -30°C to 60°C / -22°F to 140°F in enclosed fixture.*
- Exceeding 30°C / 86°F in fully enclosed fixtures will engage active cooling and power de-rating to ensure full product lifetime
- 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

*Lamp may enter SmartCooling mode in order to optimize lamp performance when fixture environmental ambient temperature reaches 35°C – 45°C / 95°F – 113°F , depending on the fixture type. During this condition, lamp power consumption and lumen output may be regulated up 20% less than standard operation.

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120–277Vac	80W	>0.9	0.67A @ 120V 0.29A @ 277V

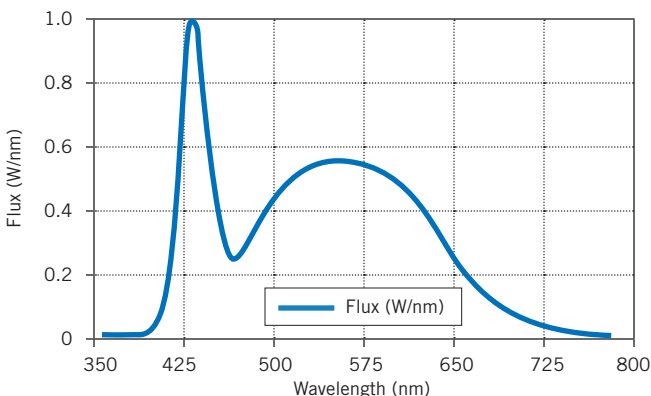
RATED LIFE

L70 (Hours)	50,000
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PHOTOMETRIC CHARACTERISTICS

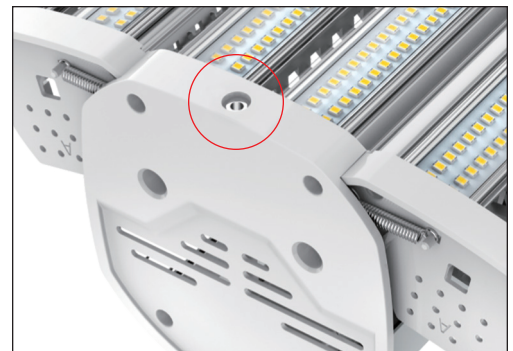
Color Temperature (CCT)	5000K
Luminous Flux	12000 lm
Color Rendering Index (CRI)	85
Efficacy	150 lm/W
Beam Angle	180°

SPECTRAL DISTRIBUTION



SMART PORT LED

Low voltage AUX port for Smart Port LED sensors.



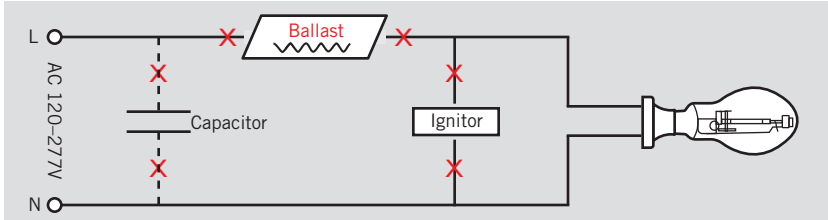
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WIRING INSTRUCTIONS

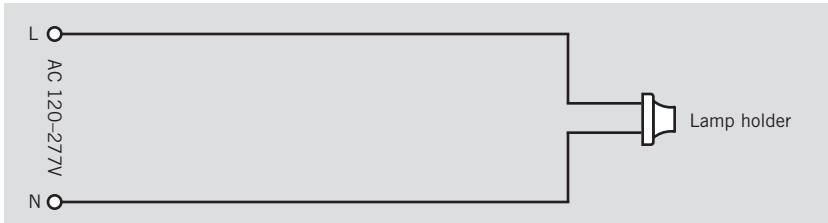
STEP 1

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



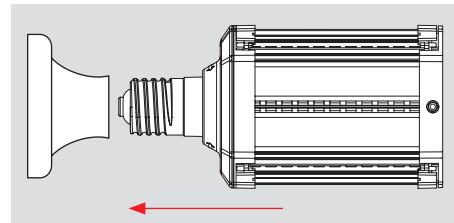
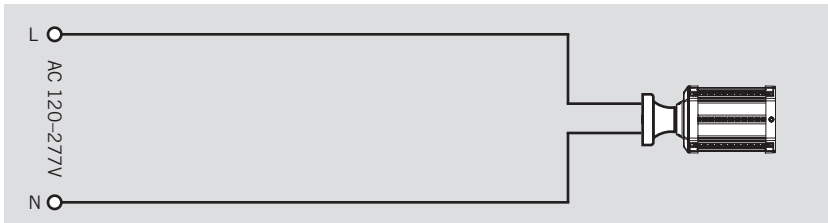
STEP 2

Rewire for line voltage to the lamp socket.



STEP 3

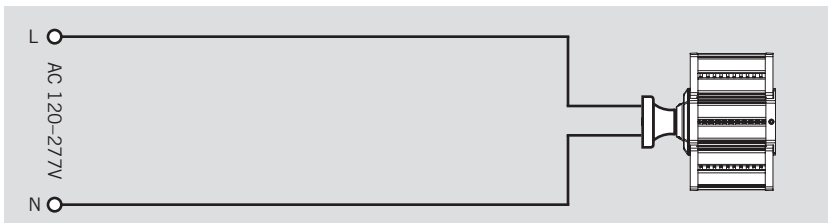
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.



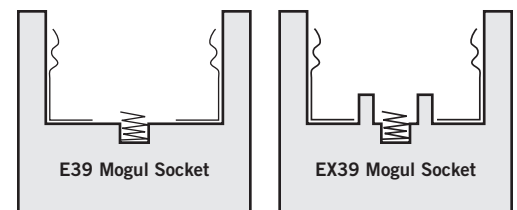
STEP 4

Rotate lamp base and open wings accordingly toward direction of desired lumination.

Note: The lamp will not illuminate until wings are open



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





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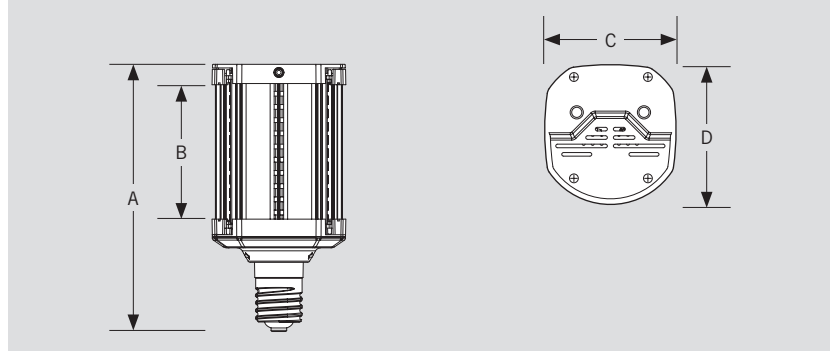
PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

Wings Closed

A (Body Length)	8.76"
B (Illuminated Length)	4.50"
C (Width)	4.39"
D (Height)	4.66"

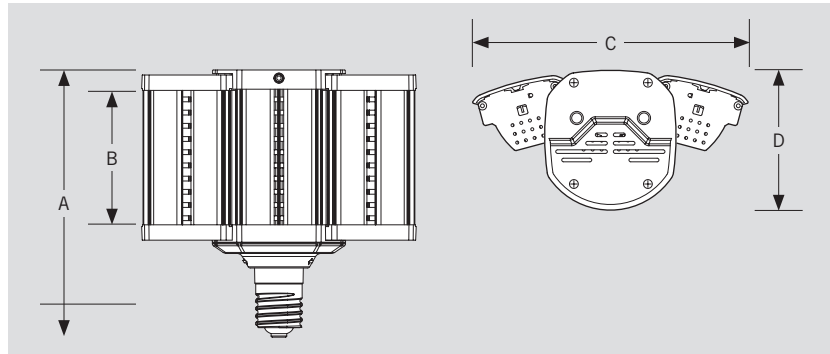
Base Type: EX39 (Mogul) Rotatable



Wings Open

A (Body Length)	8.76"
B (Illuminated Length)	4.50"
C (Width)	9.00"
D (Height)	4.66"

Base Type: EX39 (Mogul) Rotatable



OPTIONAL ACCESSORIES

CATALOG NUMBER	DESCRIPTION
KTS-MW1-12V-AUX	SmartPort LED Microwave Occupancy sensor. On/Off with adjustable standby dimming level. 12V input, 3.5mm standard AUX port connection method
KTS-PIR1-12V-AUX	SmartPort LED PIR Occupancy sensor. On/Off with adjustable standby dimming level. 12V input, 3.5mm standard AUX port connection method
KTS-PS1-12V-AUX	SmartPort LED Photocell. On/Off with adjustable daylight threshold and timing. 12V input, 3.5mm standard AUX port connection method

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED80HID-H-EX39-850-D /G3-DP	Distributor Pack (Individual Cartons)	16	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED80HID-H-EX39-850-D /G3

1	2	3	4	5	6	7	8	9	10
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|--------------------------|-----------------------|
| 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 Horizontal Orientation | 10 Third Generation |