



KT-LED18HID-E26-850-D

HID REPLACEMENT LED LAMP

DESCRIPTION

18W HID Replacement LED Lamp | 5000K | >80 CRI | IP64 Rated

LAMP TYPE: HID Replacement LED

BASE TYPE: E26

WATTAGE: 18W

COLOR TEMPERATURE: 5000K

METAL HALIDE EQUIVALENT: 70W

COLOR RENDERING INDEX (CRI): >80

WARRANTY: 5 Years



RoHS Compliant

5 YEAR WARRANTY



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: -29°C/-20°F to 60°C/140°F
- 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 6.4in

Lamp does not meet CEC T20 requirements. Not to be sold or offered for sale in California, except when sold wholesale in California for final retail sale outside the state.

OPERATING SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120–277Vac	18W	>0.9	0.15A @ 120V 0.07A @ 277V

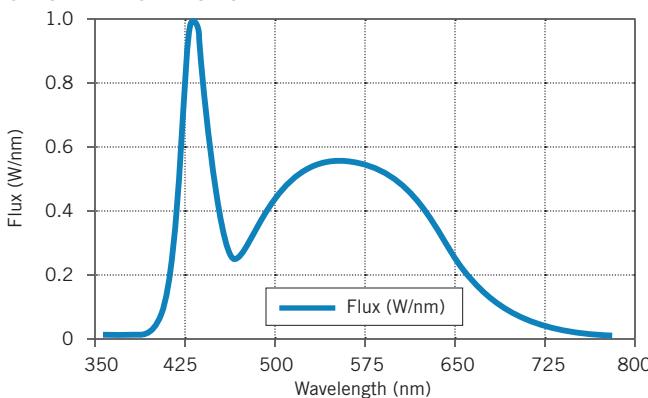
PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	2610 lm
Color Rendering Index (CRI)	>80
Efficacy	145 lm/W
Visible Light Area	360°

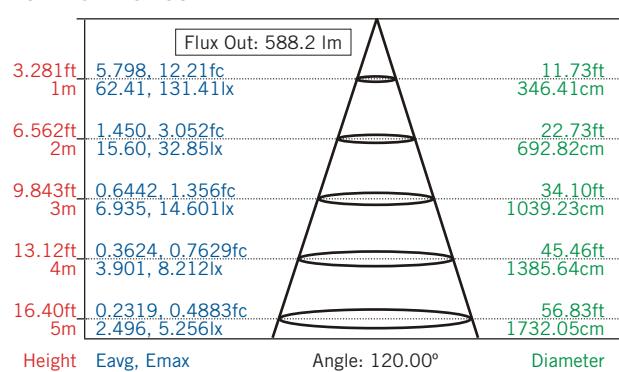
RATED LIFE

L70 (Hours)	50,000
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SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE



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



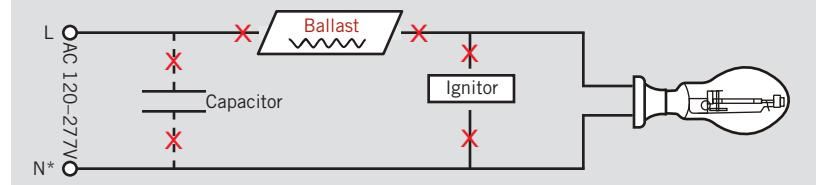
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WIRING DIAGRAM

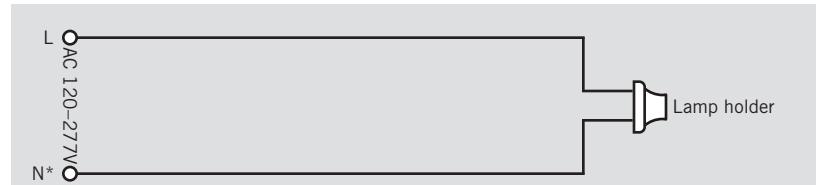
STEP 1

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



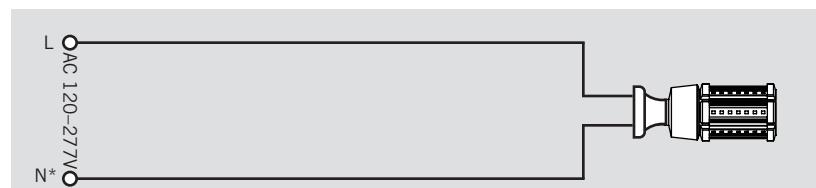
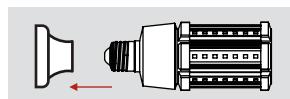
STEP 2

Rewire for line voltage to the lamp socket. Lamp is compatible with 120-277V from single phase, three phase wye, and three phase delta systems.



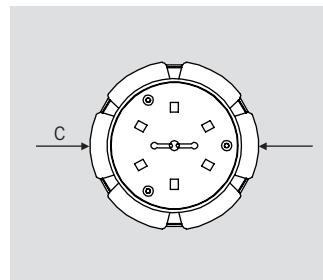
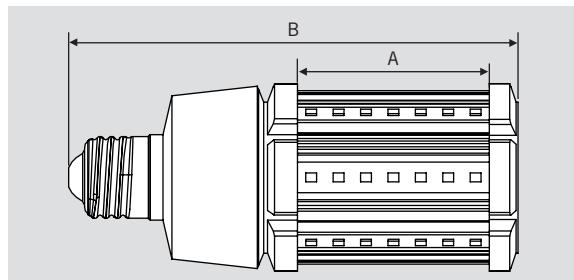
STEP 3

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



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

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Illuminated Length)	2.44"
B (Body Length)	5.70"
C (Diameter)	2.36"

BASE TYPE: E26

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED18HID-E26-850-D-PP	Distributor Pack (Individual Cartons)	12	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED18HID-E26-850-D-PP

1 2 3 4 5 6 7 8 9

1 Keystone Technologies	4 Lamp Type	7 Color Temperature
2 LED Lamp	5 Base Type	8 Direct-Drive Series
3 Wattage	6 800 Series	9 Packaging Style