



KT-LED18HID-E26-840-D

HID REPLACEMENT LED LAMP

DESCRIPTION

18W HID Replacement LED Lamp | 4000K | >80 CRI | IP64 Rated

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|---|
| LAMP TYPE: HID Replacement LED |
| BASE TYPE: E26 (Medium) |
| WATTAGE: 18W |
| COLOR TEMPERATURE: 4000K |
| METAL HALIDE EQUIVALENT: 70W |
| 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: -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

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 |

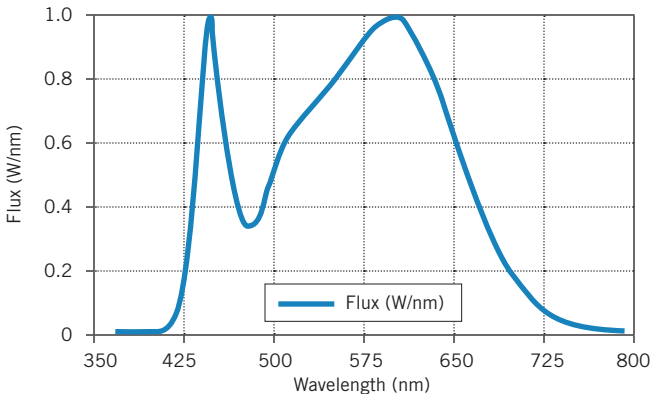
PHOTOMETRIC CHARACTERISTICS

| | |
|-----------------------------|----------|
| Color Temperature (CCT) | 4000K |
| Luminous Flux | 2520 lm |
| Color Rendering Index (CRI) | >80 |
| Efficacy | 140 lm/W |
| Visible Light Area | 360° |

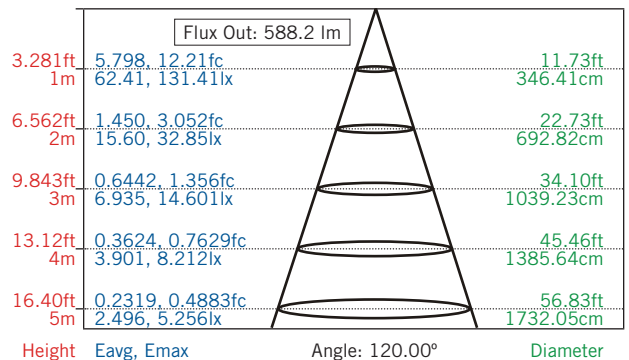
RATED LIFE

| | |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE



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



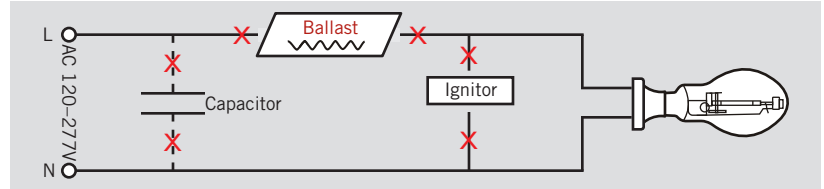
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WIRING DIAGRAM

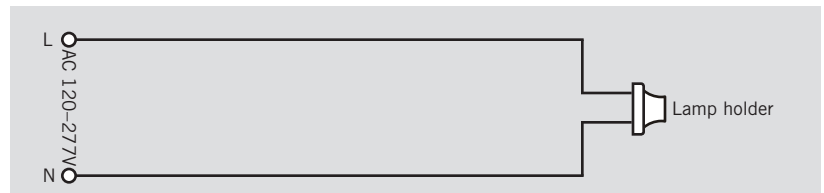
STEP 1

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



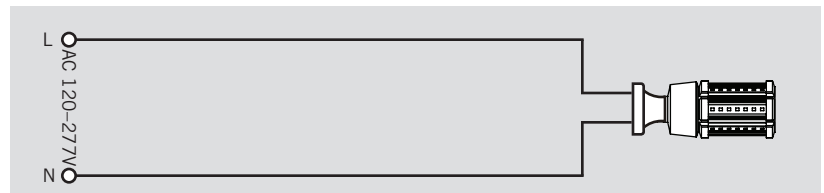
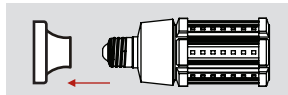
STEP 2

Rewire for line voltage to the lamp socket.

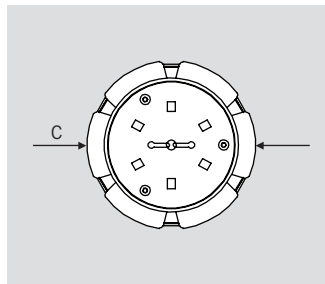
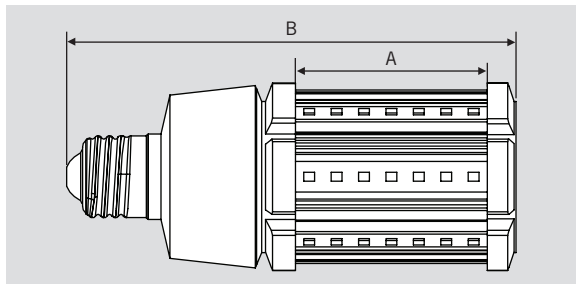


STEP 3

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



PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

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

BASE TYPE: E26 (Medium)

ORDERING INFORMATION

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|--------------------------|---------------------------------------|-----------|-------------|
| KT-LED18HID-E26-840-D-DP | Distributor Pack (Individual Cartons) | 12 | Quick Ship |

CATALOG NUMBER BREAKDOWN

KT-LED18HID-E26-840-D-DP

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

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