



# KT-LED80HID-V-E26-850-D /G2

## HID REPLACEMENT LED LAMP

### DESCRIPTION

80W HID Replacement LED Lamp | 5000K | >80 CRI | Vertical Light Direction



|                                       |                                          |
|---------------------------------------|------------------------------------------|
| <b>LAMP TYPE:</b> HID Replacement LED | <b>METAL HALIDE EQUIVALENT:</b> 250W     |
| <b>BASE TYPE:</b> E26 (Medium)        | <b>COLOR RENDERING INDEX (CRI):</b> > 80 |
| <b>WATTAGE:</b> 80W                   | <b>WARRANTY:</b> 5 Years                 |
| <b>COLOR TEMPERATURE:</b> 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% uplift
- 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    | 80W               | >0.9         | 0.67A @ 120V<br>0.29A @ 277V |

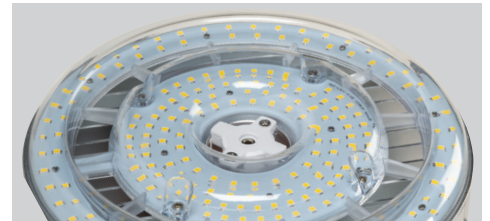
#### RATED LIFE

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

#### PHOTOMETRIC CHARACTERISTICS

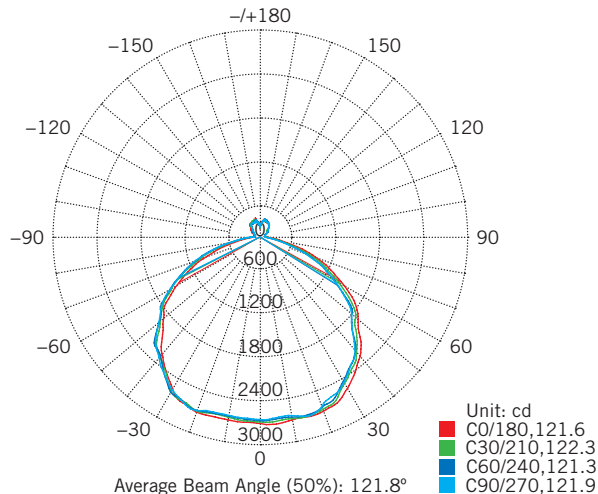
|                             |          |
|-----------------------------|----------|
| Color Temperature (CCT)     | 5000K    |
| Luminous Flux               | 10800 lm |
| Color Rendering Index (CRI) | >80      |
| Efficacy                    | 135 lm/W |
| Visible Light Area          | 180°     |

#### SMART PORT LED COMPATIBLE

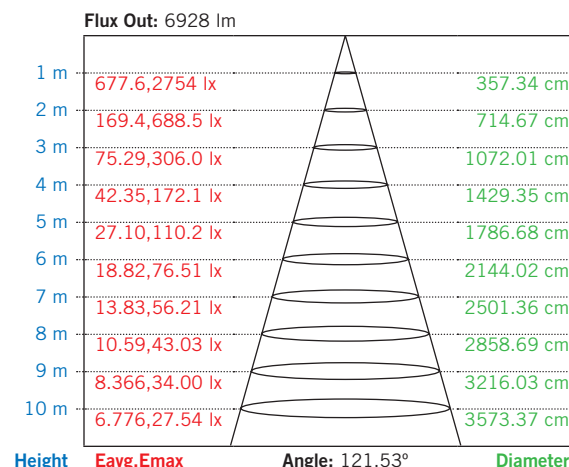


On the top of the lamp is a low-voltage AUX port for Smart Port LED sensors.  
See Accessories for available sensor options.

#### POLAR CANDELA DISTRIBUTION



#### LUX DISTANCE CURVE



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

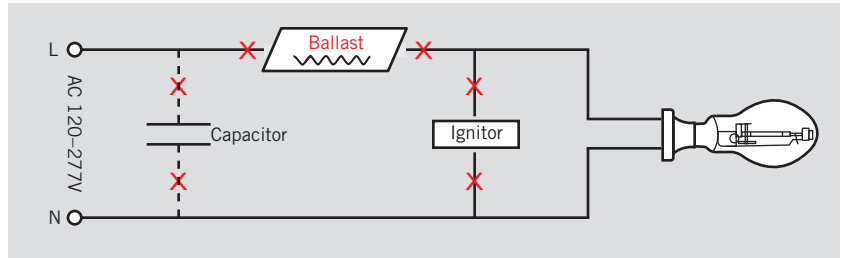
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## HID REPLACEMENT LED LAMP

### WIRING INSTRUCTIONS

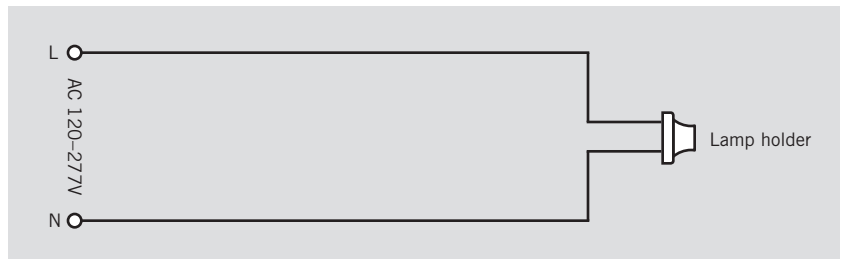
#### STEP 1

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



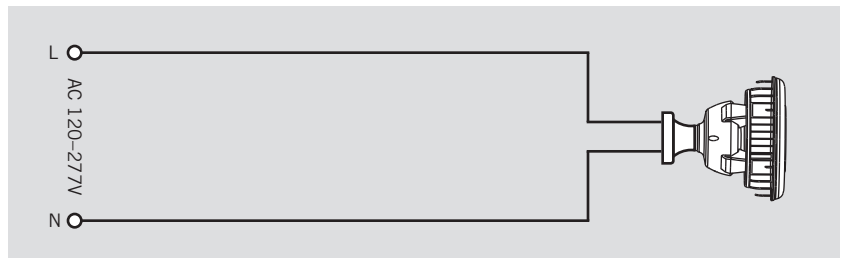
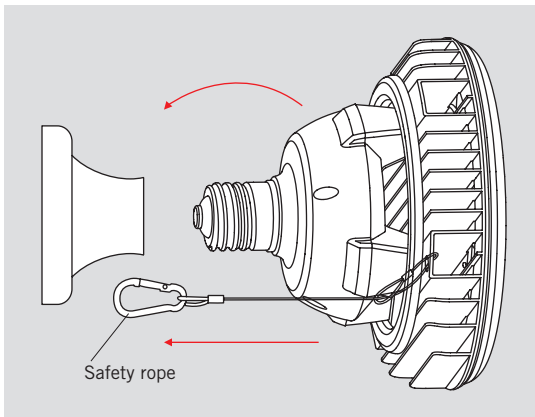
#### STEP 2

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.

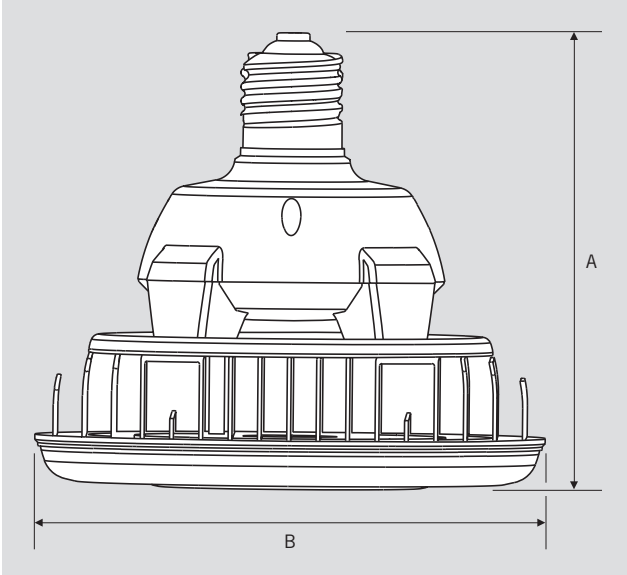




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## HID REPLACEMENT LED LAMP

### PHYSICAL CHARACTERISTICS



#### LAMP DIMENSIONS

|                 |       |
|-----------------|-------|
| A (Body Length) | 6.41" |
| B (Diameter)    | 7.87" |

BASE TYPE: E26 (Medium)

### 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-LED80HID-V-E26-850-D /G2-DP | Distributor Pack (Individual Cartons) | 4         | Quick Ship  |

### CATALOG NUMBER BREAKDOWN

# KT-LED80HID-V-E26-850-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  |