



# KT-LED45HID-E26-850-D /G3

## HID REPLACEMENT LED LAMP

### DESCRIPTION

45W HID Replacement LED Lamp | 5000K | >80 CRI | IP64 Rated

**LAMP TYPE:** HID Replacement LED

**BASE TYPE:** E26 (Medium)

**WATTAGE:** 45W

**COLOR TEMPERATURE:** 5000K

**METAL HALIDE EQUIVALENT:** 175W

**COLOR RENDERING INDEX (CRI):** >80

**WARRANTY:** 5 Years



RoHS Compliant

5 YEAR WARRANTY



### PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL listed
- Suitable for use in fully enclosed fixture. Minimum lamp compartment dimensions: 8in x 8in x 10in
- Operating temperature: -40°C/-40°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
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

### OPERATING SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

Input Voltage	Power Consumption	Power Factor	Input Current
120-277Vac	45W	>0.9	0.38A @ 120V 0.16A @ 277V

#### PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	6750 lm
Color Rendering Index (CRI)	>80
Efficacy	150 lm/W
Visible Light Area	360°

#### SMART PORT

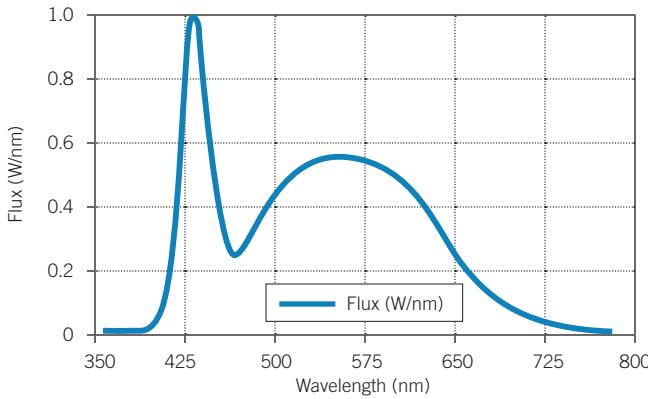


On the top of the lamp is a low-voltage AUX port for lamp level sensor controls which are coming soon, Q2+ 2019.

#### RATED LIFE

L70 (Hours)	50,000
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#### SPECTRAL DISTRIBUTION



#### LUX DISTANCE CURVE

Flux Out: 708.1 lm

Height	Eavg, Emax	Angle: 90°	Diameter
1 m	225.4, 267.7 lx	200.00 cm	
2 m	56.35, 66.93 lx	400.00 cm	
3 m	25.04, 29.75 lx	600.00 cm	
4 m	14.09, 16.73 lx	800.00 cm	
5 m	9.016, 10.71 lx	1000.00 cm	
6 m	6.261, 7.437 lx	1200.00 cm	
7 m	4.600, 5.464 lx	1400.00 cm	
8 m	3.522, 4.183 lx	1600.00 cm	
9 m	2.783, 3.305 lx	1800.00 cm	
10 m	2.254, 2.677 lx	2000.00 cm	



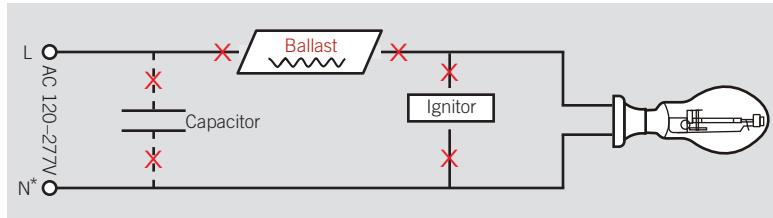
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## HID REPLACEMENT LED LAMP

### WIRING INSTRUCTIONS

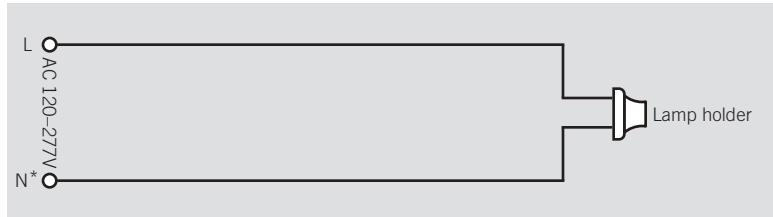
#### STEP 1

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



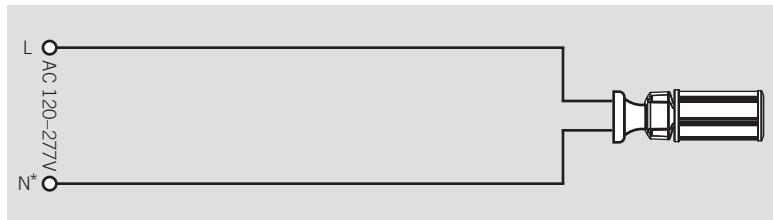
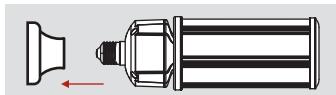
#### STEP 2

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



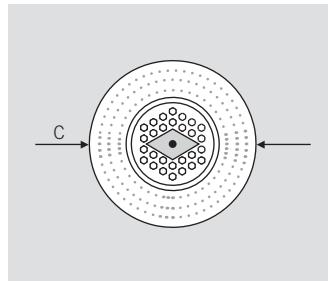
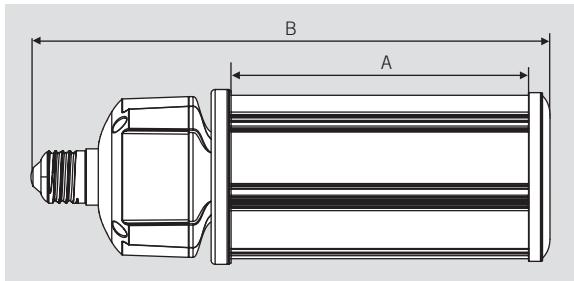
#### STEP 3

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)	5.07"
B (Body Length)	9.13"
C (Diameter)	3.34"

**BASE TYPE:** E26 (Medium)



## KT-LED45HID-E26-850-D /G3

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### ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED45HID-E26-850-D /G3-DP	16	KGK-25	843654123080

### CATALOG NUMBER BREAKDOWN

## KT-LED45HID-E26-850-D /G3-DP

1 2 3 4 5 6 7 8 9 10

- 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 Generation
- 10 Packaging Style