KEYSTONE — SINCE 1945

DIRECT DRIVE HID LED

KT-LED18HID-E26-830-D
HID REPLACEMENT LED LAMP

DESCRIPTION

18W HID Replacement LED Lamp I 3000K I >80 CRI I IP64 Rated

c(UL)us LISTED   RoHS Compliant   5 YEAR WARRANTY

LAMP TYPE:	HID Replacement LED
BASE TYPE:	E26 (Medium)
WATTAGE:	18W
COLOR TEMPERATURE:	3000K
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: –29ºC/–20ºF to 60ºC/140ºF
- 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)	3000K
Luminous Flux	2,430 lm
Color Rendering Index (CRI)	>80
Efficacy	135 lm/W
Visible Light Area	360º

RATED LIFE

L70 (Hours)	50,000

SPECTRAL DISTRIBUTION

LUX DISTANCE CURVE

Flux Out: 588.2 lm

Height	Eavg, Emax		Diameter
3.281ft 1m	5.798, 12.21fc 62.41, 131.41lx		11.73ft 346.41cm
6.562ft 2m	1.450, 3.052fc 15.60, 32.85lx		22.73ft 692.82cm
9.843ft 3m	0.6442, 1.356fc 6.935, 14.601lx		34.10ft 1039.23cm
13.12ft 4m	0.3624, 0.7629fc 3.901, 8.212lx		45.46ft 1385.64cm
16.40ft 5m	0.2319, 0.4883fc 2.496, 5.256lx		56.83ft 1732.05cm

Angle: 120.00º
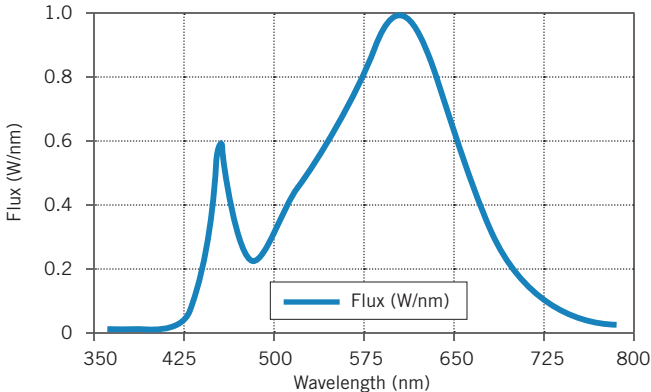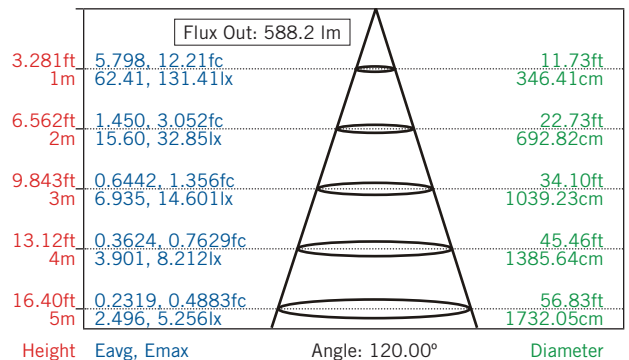
Note: The curves indicate the illuminated area and the average illumination when the luminaire is at a different distance.
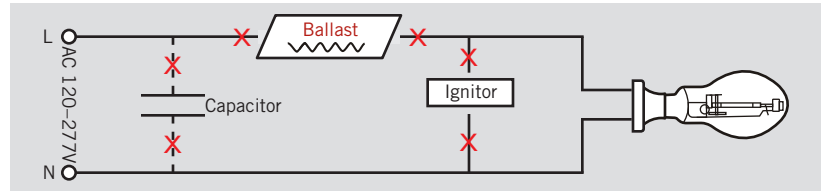
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WIRING DIAGRAM

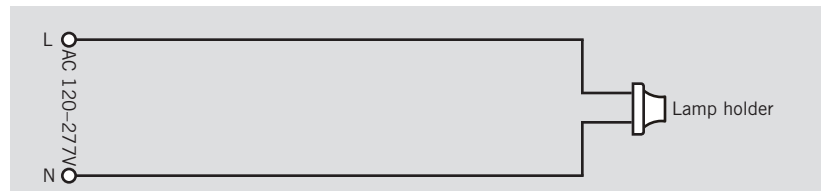### STEP 1
Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.
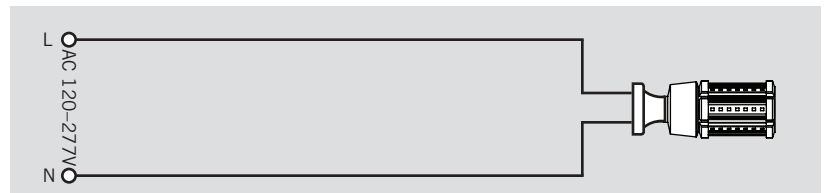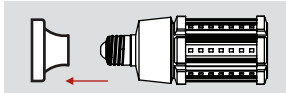
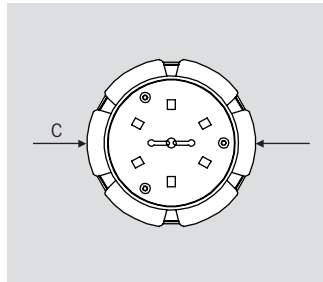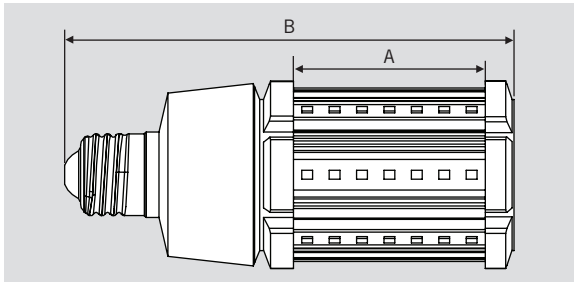

STEP 2
Rewire for line voltage to the lamp socket.

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-E26-830-D-DP	Distributor Pack (Individual Cartons)	12	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED18HID-E26-830-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