KEYSTONE
SINCE 1945
LIGHT MADE EASY®

DIRECT DRIVE HID LED

KT-LED36HID-E26-850-D /G3
HID REPLACEMENT LED LAMP

DESCRIPTION

36W HID Replacement LED Lamp **I** 5000K **I** >80 CRI **I** IP64 Rated

LAMP TYPE: HID Replacement LED	
BASE TYPE: E26 (Medium)	
WATTAGE: 36W	
COLOR TEMPERATURE: 5000K	
METAL HALIDE EQUIVALENT: 150W	
COLOR RENDERING INDEX (CRI): >80	
WARRANTY: 5 Years	

NLB TRUSTED WARRANTY · c(UL)us LISTED · 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 9in

- Operating temperature: –40ºC/–40ºF 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
- 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	36W	>0.9	0.30A @ 120V 0.13A @ 277V

RATED LIFE

L70 (Hours)	50,000

PHOTOMETRIC CHARACTERISTICS

Color Temperature (CCT)	5000K
Luminous Flux	5400 lm
Color Rendering Index (CRI)	>80
Efficacy	150 lm/W
Visible Light Area	360º

SMART PORT

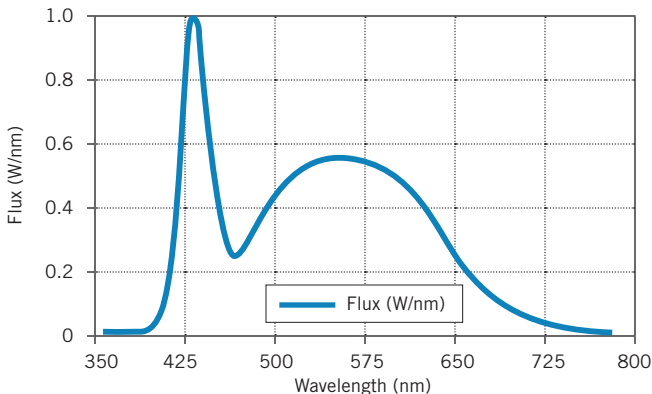On the top of the lamp is a low-voltage AUX port for lamp level sensor controls which are coming soon, Q2+ 2019.
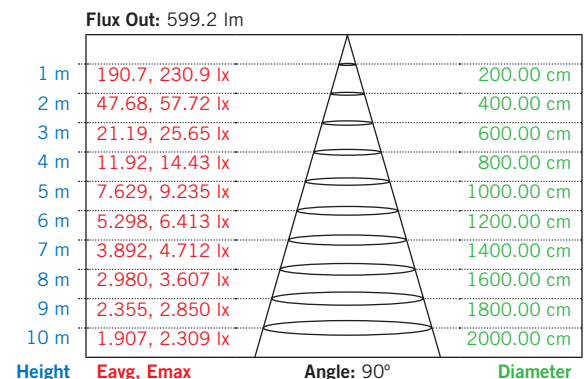
SPECTRAL DISTRIBUTION

Flux (W/nm) vs Wavelength (nm)

LUX DISTANCE CURVE

Flux Out: 599.2 lm

Height	Eavg, Emax	Angle: 90º	Diameter
1 m	190.7, 230.9 lx		200.00 cm
2 m	47.68, 57.72 lx		400.00 cm
3 m	21.19, 25.65 lx		600.00 cm
4 m	11.92, 14.43 lx		800.00 cm
5 m	7.629, 9.235 lx		1000.00 cm
6 m	5.298, 6.413 lx		1200.00 cm
7 m	3.892, 4.712 lx		1400.00 cm
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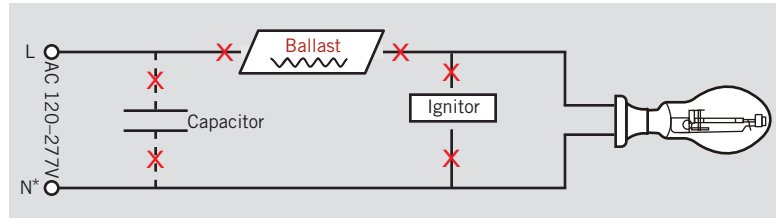LIGHT MADE EASY®

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WIRING INSTRUCTIONS

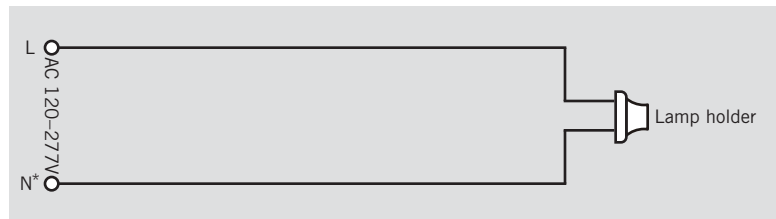**STEP 1**
Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.
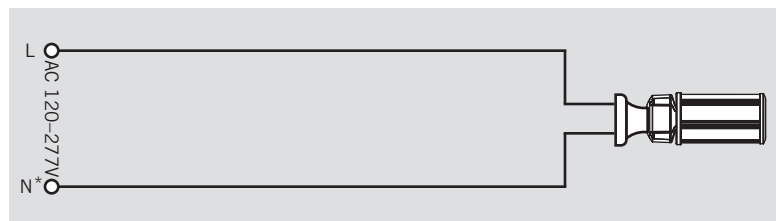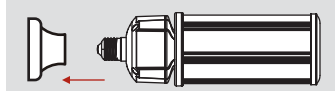
L AC 120–277V N*

Ballast
Capacitor
Ignitor

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.
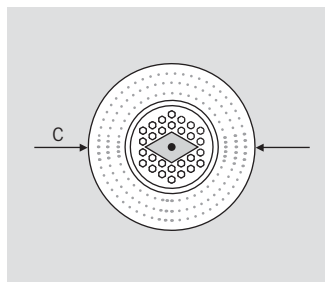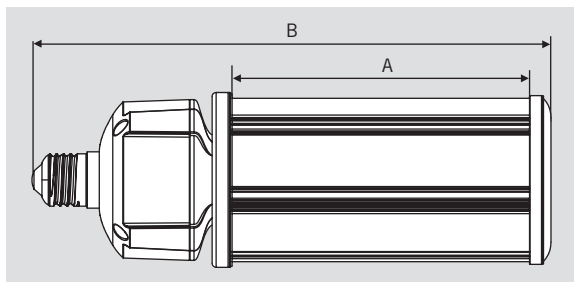
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Lamp holder

STEP 3
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.

L AC 120–277V N*

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

PHYSICAL CHARACTERISTICS

B
A

C

LAMP DIMENSIONS

A (Illuminated Length)	5.66"
B (Body Length)	7.95"
C (Diameter)	3.34"

BASE TYPE: E26 (Medium)

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ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED36HID-E26-850-D /G3-DP	16	UKA-18	843654123028

CATALOG NUMBER BREAKDOWN

KT-LED36HID-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**

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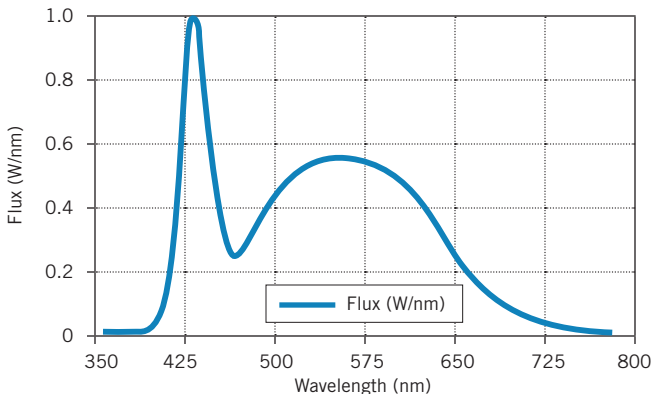| Color Temperature (CCT)	5000K
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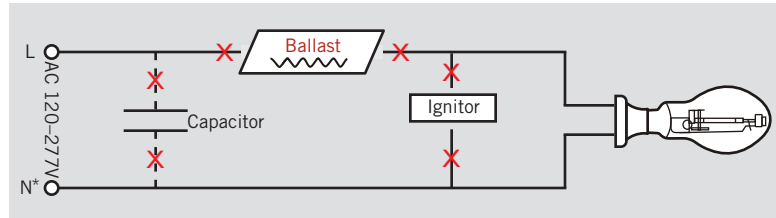| Height	Eavg, Emax	Angle: 90º	Diameter
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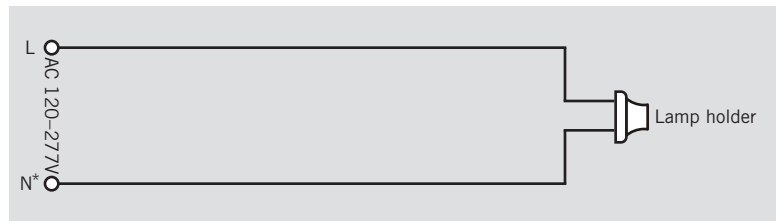## HID REPLACEMENT LED LAMP

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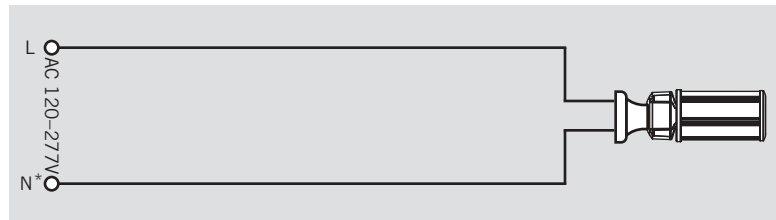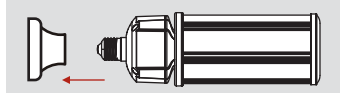

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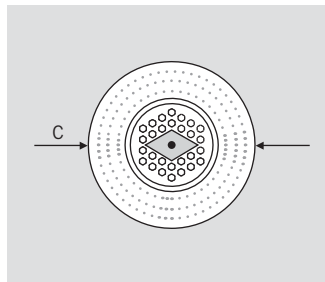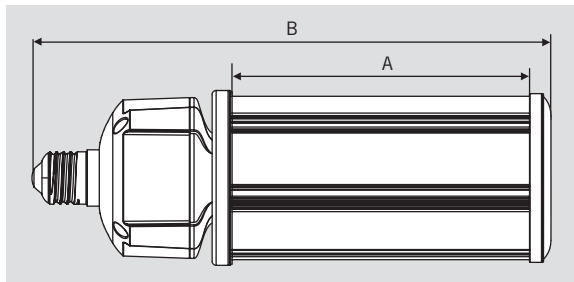

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