SINCE 1945 KEYSTONE LIGHT MADE EASY

DIRECT DRIVE HID LED

KT-LED36HID-EX39-850-D /G3

HID REPLACEMENT LED LAMP

DESCRIPTION

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

c UL us LISTED | DLC LISTED | RoHS Compliant | TRUSTED NLB WARRANTY | 5 YEAR WARRANTY

- **LAMP TYPE:** HID Replacement LED
- **BASE TYPE:** EX39 (Mogul)
- **WATTAGE:** 36W
- **COLOR TEMPERATURE:** 5000K
- **METAL HALIDE EQUIVALENT:** 150W
- **COLOR RENDERING INDEX (CRI):** >80
- **WARRANTY:** 5 Years



PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL listed
- DLC 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
- 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

PHOTOMETRIC CHARACTERISTICS

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

* Based off of total lamp lumens

SMART PORT

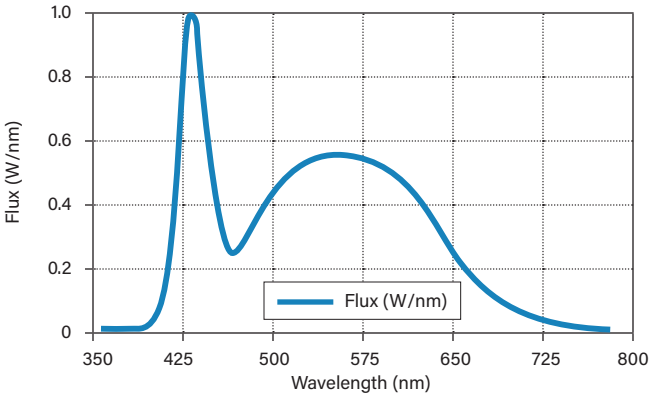


On the top of the lamp is a low-voltage AUX port for lamp level sensor controls which are coming soon, Q2+ 2019.

RATED LIFE

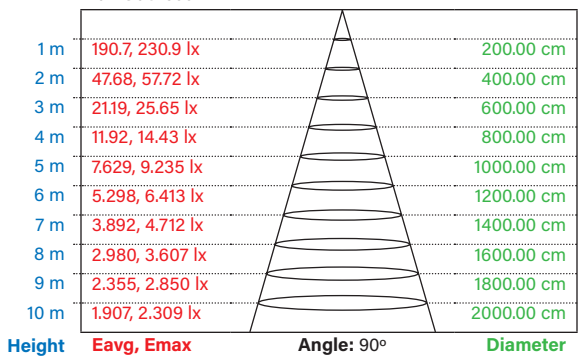
L70 (Hours)	50,000

SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE

Flux Out: 599.2 lm

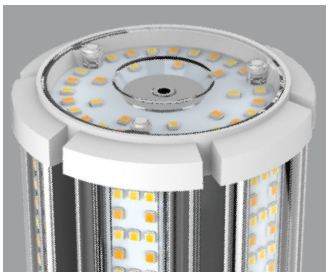


Height	Eavg, Emax	Angle: 90º	Diameter
1 m	190.7, 230.9 lx		200.00 cm
2 m	47.68, 57.72 lx		400.00 cm
3 m	21.19, 25.65 lx		600.00 cm
4 m	11.92, 14.43 lx		800.00 cm
5 m	7.629, 9.235 lx		1000.00 cm
6 m	5.298, 6.413 lx		1200.00 cm
7 m	3.892, 4.712 lx		1400.00 cm
8 m	2.980, 3.607 lx		1600.00 cm
9 m	2.355, 2.850 lx		1800.00 cm
10 m	1.907, 2.309 lx		2000.00 cm

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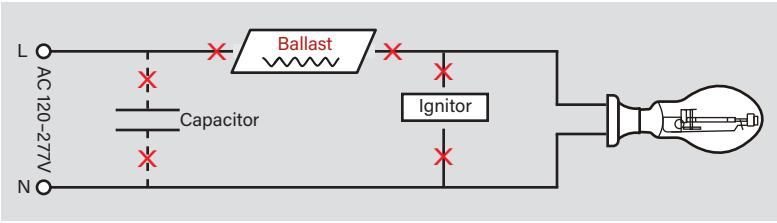
SMART PORT LED AUX SENSORS

Microwave	Passive Infrared (PIR)	Photocell Daylight	0-10V Cable *
			

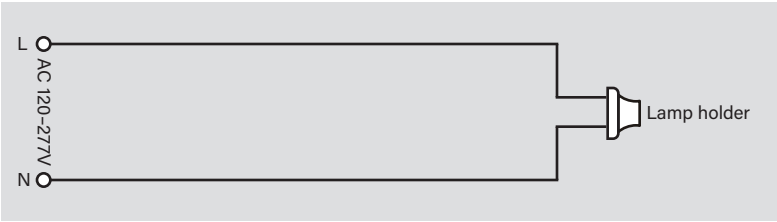
* For use with continuous dimming applications.

WIRING INSTRUCTIONS

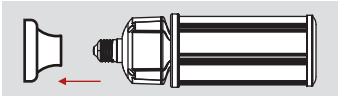
STEP 1
Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.

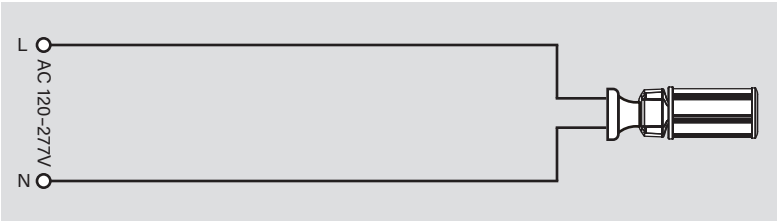


STEP 2
Rewire for line voltage to the lamp socket.

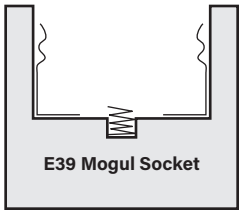


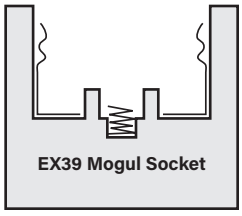
STEP 3
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.





EX39-based lamps will work in *both* **E39** and **EX39** sockets.

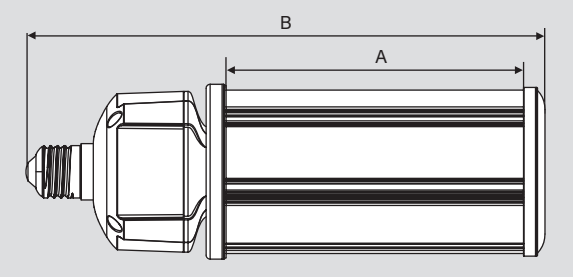


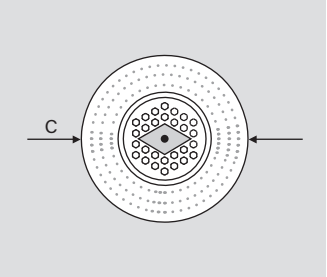


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PHYSICAL CHARACTERISTICS





LAMP DIMENSIONS

A (Illuminated Length)	5.66"
B (Body Length)	8.62"
C (Diameter)	3.34"

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-LED36HID-EX39-850-D /G3	16	843654123059	XAL-96	PTR7UDM4

CATALOG NUMBER BREAKDOWN

KT-LED36HID-EX39-850-D /G3

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. **Generation**