SINCE 1945 KEYSTONE LIGHT MADE EASY

DIRECT DRIVE HID LED

KT-LED36HID-EX39-840-D /G3

HID REPLACEMENT LED LAMP

DESCRIPTION

36W HID Replacement LED Lamp | 4000K | >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: 4000K
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)	4000K
Luminous Flux*	5256 lm
Color Rendering Index (CRI)	>80
Efficacy	146 lm/W
Visible Light Area	360º

* Based off of total lamp lumens

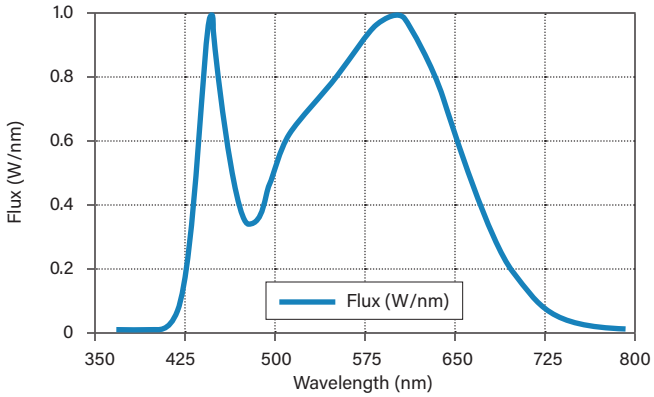
SMART PORT

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

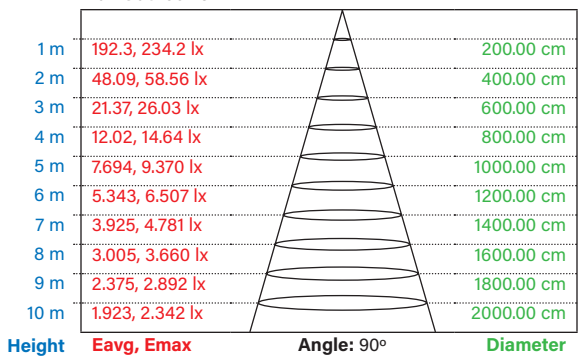
L70 (Hours)	50,000

SPECTRAL DISTRIBUTION



LUX DISTANCE CURVE

Flux Out: 604.3 lm



Height	Eavg, Emax	Diameter
1 m	192.3, 234.2 lx	200.00 cm
2 m	48.09, 58.56 lx	400.00 cm
3 m	21.37, 26.03 lx	600.00 cm
4 m	12.02, 14.64 lx	800.00 cm
5 m	7.694, 9.370 lx	1000.00 cm
6 m	5.343, 6.507 lx	1200.00 cm
7 m	3.925, 4.781 lx	1400.00 cm
8 m	3.005, 3.660 lx	1600.00 cm
9 m	2.375, 2.892 lx	1800.00 cm
10 m	1.923, 2.342 lx	2000.00 cm

Angle: 90º

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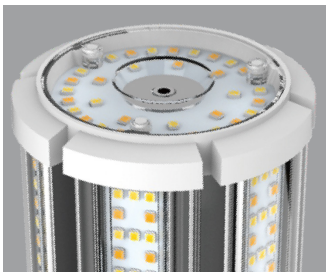
SMART PORT LED



On the top of the lamp is a low-voltage AUX port for lamp level sensor controls.

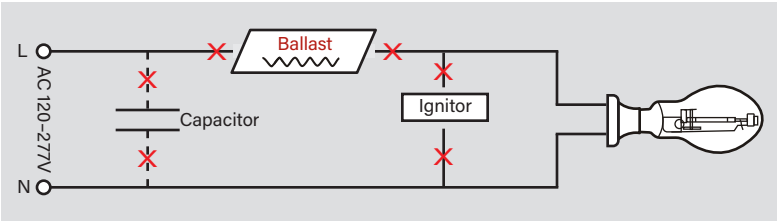
SMART PORT LED AUX SENSORS

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

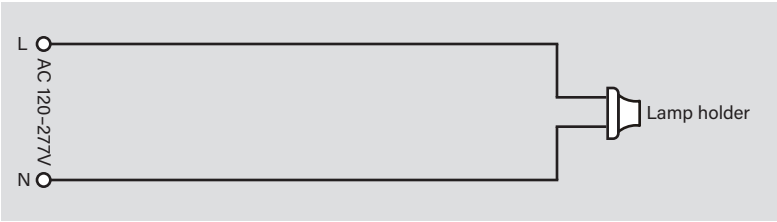
* For use with continuous dimming applications.

WIRING INSTRUCTIONS

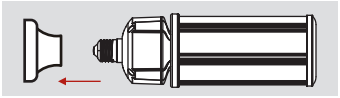
STEP 1
Disconnect power. Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.

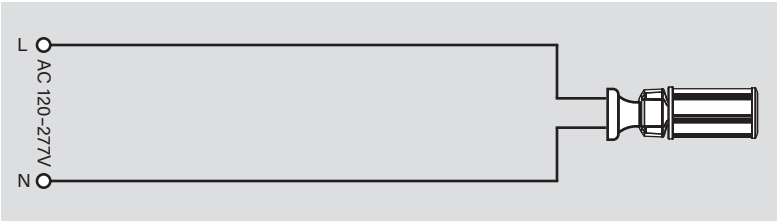


STEP 2
Rewire for line voltage to the lamp socket.

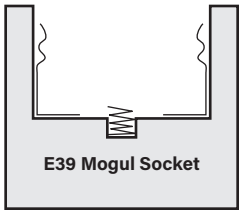


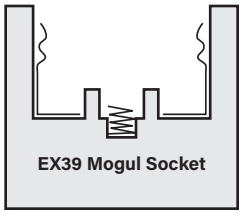
STEP 3
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.





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





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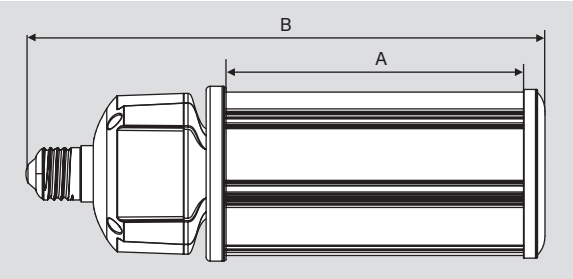
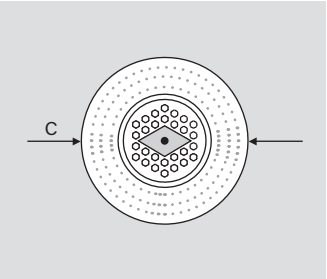
PHYSICAL CHARACTERISTICS





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-EX39-840-D /G3	16	843654123042	SGC-71	PNQ041ZJ

CATALOG NUMBER BREAKDOWN

KT-LED36HID-EX39-840-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