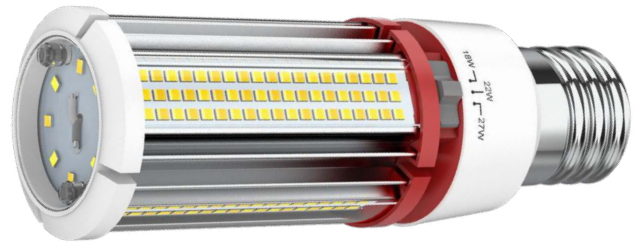


KT-LED27PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

DESCRIPTION

27W HID Replacement LED Lamp | Power Select + Color Select | 80 CRI



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
SELECTABLE WATTAGE: 27W, 22W, 18W
SELECTABLE COLOR TEMPERATURE: 5000K, 4000K, 3000K
LEGACY EQUIVALENT: 70W–100W
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years

PRODUCT FEATURES

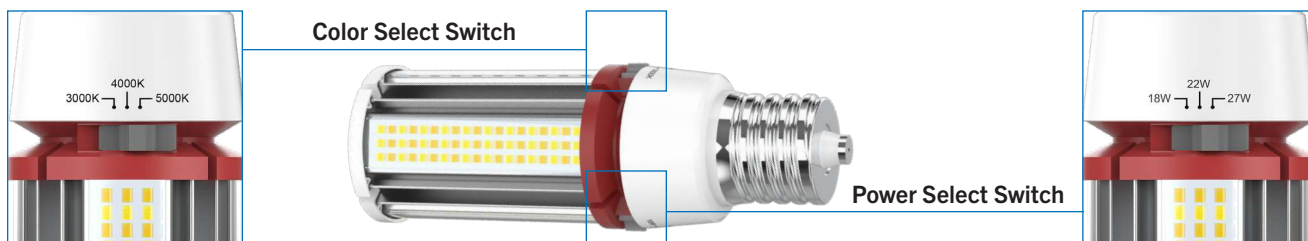
- Replacement for conventional metal halide lamp
- Selectable wattage: 27W, 22W, 18W
- Selectable CCT: 5000K, 4000K, 3000K
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- Operating temperature: -30°C/-22°F to 45°C/113°F
- Integral driver eliminates the need for external driver or ballast; includes 4kV surge protection
- Suitable for use in fully enclosed fixture. Minimum lamp compartment dimensions: 8" x 8" x 9"
- Do not use with standard dimmers. Not compatible with phase dimmers
- UL listed

ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Keystone Catalog Number	Input Voltage	Input Current	Selectable Power	Selectable CCT	Lumens	Efficacy	Base Type	CRI
KT-LED27PSHID-EX39-8CSB-D	120–277V	0.23A @ 120V 0.10A @ 277V	27W	3000K	3,564 lm	132 lm/W	EX39	> 80
				4000K	3,888 lm	144 lm/W		
				5000K	3,780 lm	140 lm/W		
	120–277V	0.18A @ 120V 0.08A @ 277V	22W	3000K	2,904 lm	132 lm/W		
				4000K	3,168 lm	144 lm/W		
				5000K	3,080 lm	140 lm/W		
	120–277V	0.15A @ 120V 0.06A @ 277V	18W	3000K	2,394 lm	133 lm/W		
				4000K	2,610 lm	145 lm/W		
				5000K	2,538 lm	141 lm/W		

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

SELECTABILITY



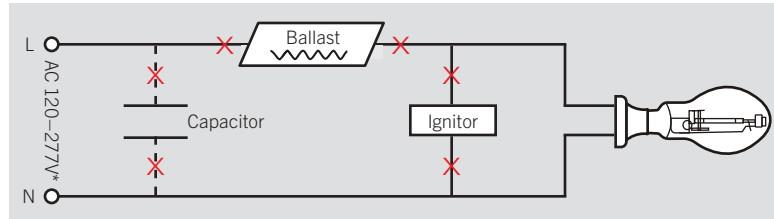
KT-LED27PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

WIRING INSTRUCTIONS

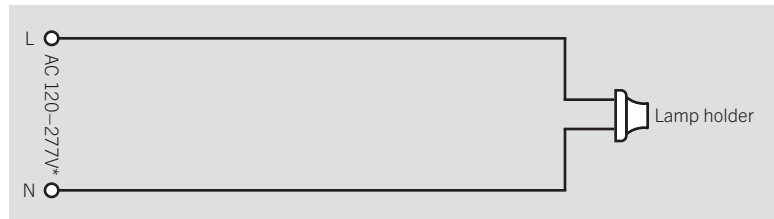
STEP 1

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



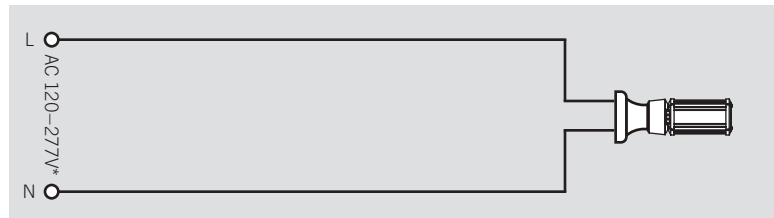
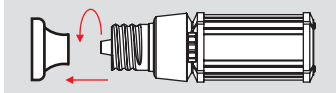
STEP 2

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.

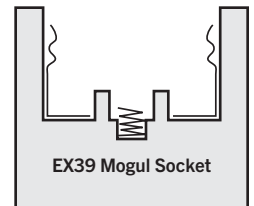
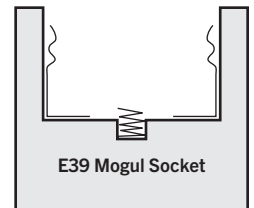


STEP 3

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

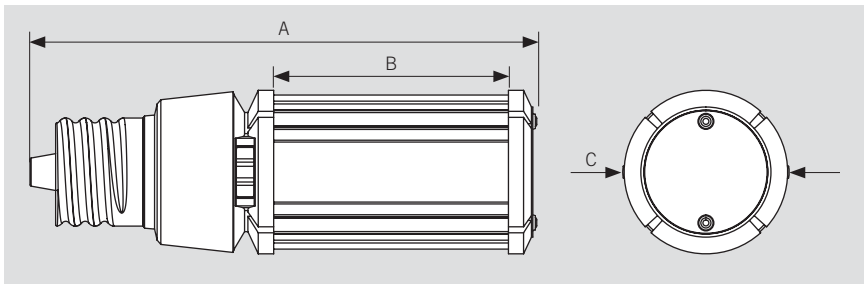


EX39-based lamps
will work in *both*
E39 and **EX39**
sockets.



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

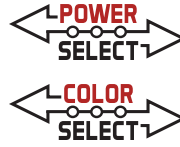
PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	6.69"
B (Illuminated Length)	3.39"
C (Diameter)	2.32"

BASE TYPE: EX39 (Mogul)



KT-LED27PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-LED27PSHID-EX39-8CSB-D	16	843654140797	QIG-20	PE8FK3L8

CATALOG NUMBER BREAKDOWN

KT-LED27PSHID-EX39-8CSB-D

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Power Selectable
- 5 Lamp Type
- 6 Base Type
- 7 800 Series
- 8 Color Selectable
- 9 Color Select Designation
- 10 Direct Drive

9 Color Select Designation

B	3000K, 4000K, 5000K
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KT-LED36PSHID-EX39-8CSB-D

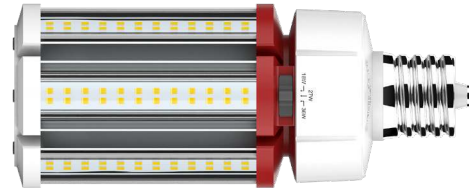
HID REPLACEMENT LED LAMP

DESCRIPTION

Power Select + Color Select 36W HID Replacement LED Lamp | 80 CRI | IP64



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
SELECTABLE WATTAGE: 36/27/18W
SELECTABLE COLOR TEMPERATURE: 3000/4000/5000K
METAL HALIDE EQUIVALENT: 150W
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years



PRODUCT FEATURES

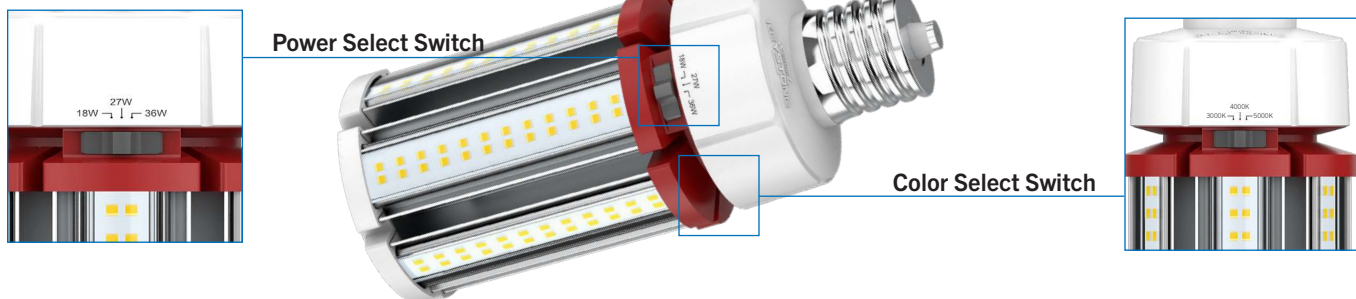
- Replacement for conventional metal halide lamp
- Keystone Power Select Technology (36/27/18W)
- Keystone Color Select Technology (3000/4000/5000K)
- 50,000 + hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- Operating temperature: -40°C/-40°F to 60°C/140°F
- UL listed
- 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. Minimum lamp compartment dimensions: 8in x 8in x 9in
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Keystone Catalog Number	Input Voltage	Selectable Power	Selectable CCT	Lumens	Efficacy	Base Type	CRI	Input Current
KT-LED36PSHID-EX39-8CSB-D	120-277V	36W	3000K	4860 lm	135 lm/W	EX39	> 80	0.30A @ 120V 0.13A @ 277V
			4000K	5220 lm	145 lm/W			
			5000K	5040 lm	140 lm/W			
	120-277V	27W	3000K	3645 lm	135 lm/W			0.23A @ 120V 0.10A @ 277V
			4000K	3915 lm	145 lm/W			
			5000K	3780 lm	140 lm/W			
	120-277V	18W	3000K	2430 lm	135 lm/W			0.15A @ 120V 0.06A @ 277V
			4000K	2610 lm	145 lm/W			
			5000K	2520 lm	140 lm/W			

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

SELECTABILITY



KT-LED36PSHID-EX39-8CSB-D

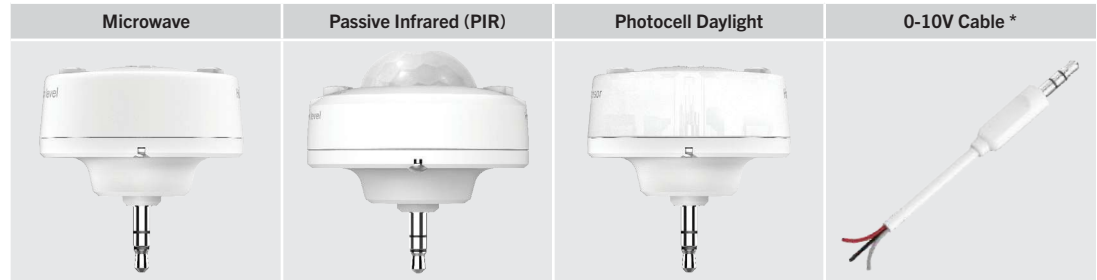
HID REPLACEMENT LED LAMP

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

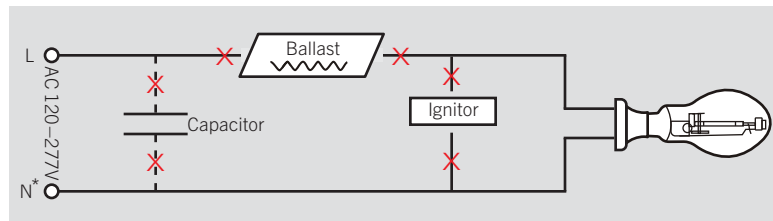


* For use with continuous dimming applications.

WIRING INSTRUCTIONS

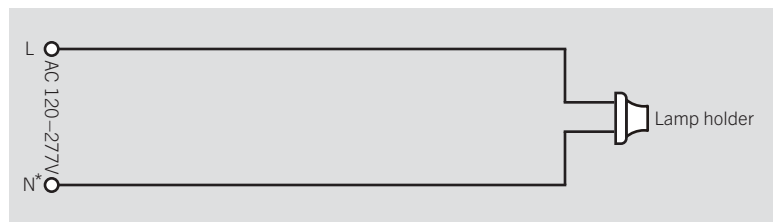
STEP 1

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



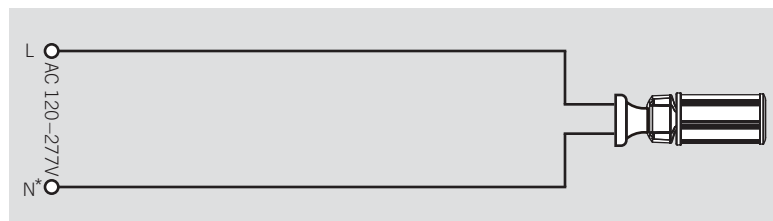
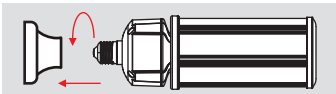
STEP 2

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



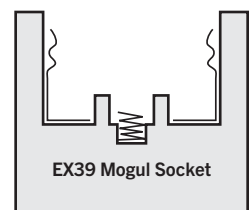
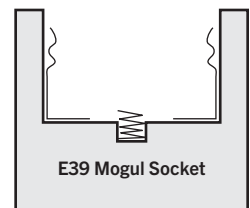
STEP 3

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

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

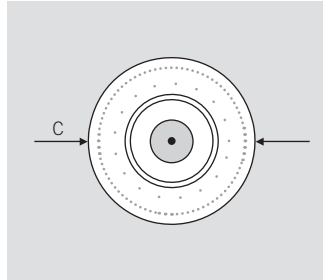
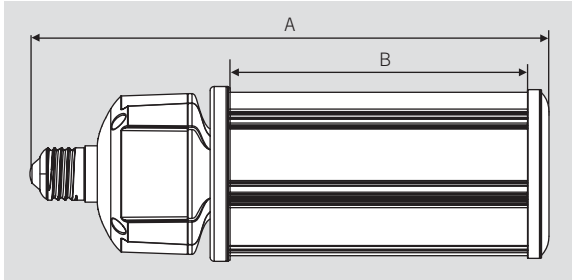




KT-LED36PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	8.70"
B (Illuminated Length)	3.87"
C (Diameter)	3.30"

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED36PSHID-EX39-8CSB-D	16	ROL-76	843654128566

CATALOG NUMBER BREAKDOWN

KT-LED36PSHID-EX39-8CSB-D

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Max Wattage
- 4 Power Select
- 5 Lamp Type
- 6 Base Type
- 7 80 CRI
- 8 Color Select
- 9 Color Select Designation
- 10 Direct Drive

9 Color Select Designation

B	3000/4000/5000K
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KT-LED45PSHID-EX39-8CSB-D

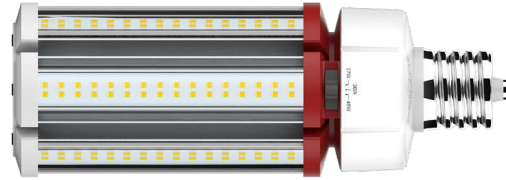
HID REPLACEMENT LED LAMP

DESCRIPTION

Power Select + Color Select 45W HID Replacement LED Lamp | 80 CRI | IP64



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
SELECTABLE WATTAGE: 45/36/27W
SELECTABLE COLOR TEMPERATURE: 3000/4000/5000K
METAL HALIDE EQUIVALENT: 175W
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years



PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- Keystone Power Select Technology (45/36/27W)
- Keystone Color Select Technology (3000/4000/5000K)
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL listed
- 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
- Suitable for use in fully enclosed fixture. Minimum lamp compartment dimensions: 8in x 8in x 10in
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Keystone Catalog Number	Input Voltage	Selectable Power	Selectable CCT	Lumens	Efficacy	Base Type	CRI	Input Current
KT-LED45PSHID-EX39-8CSB-D	120-277V	45W	3000K	6075 lm	135 lm/W	EX39	> 80	0.38A @ 120V 0.16A @ 277V
			4000K	6525 lm	145 lm/W			
			5000K	6300 lm	140 lm/W			
	120-277V	36W	3000K	4860 lm	135 lm/W			0.30A @ 120V 0.13A @ 277V
			4000K	5220 lm	145 lm/W			
			5000K	5040 lm	140 lm/W			
	120-277V	27W	3000K	3645 lm	135 lm/W			0.23A @ 120V 0.10A @ 277V
			4000K	3915 lm	145 lm/W			
			5000K	3780 lm	140 lm/W			

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

SELECTABILITY



KT-LED45PSHID-EX39-8CSB-D

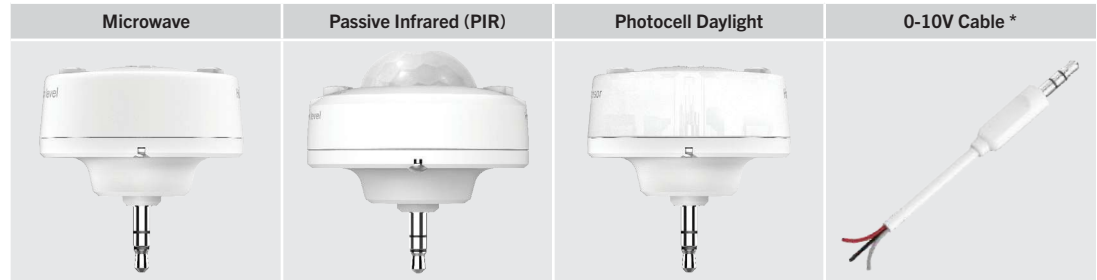
HID REPLACEMENT LED LAMP

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

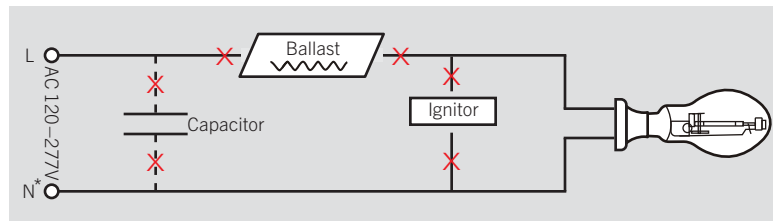


* For use with continuous dimming applications.

WIRING INSTRUCTIONS

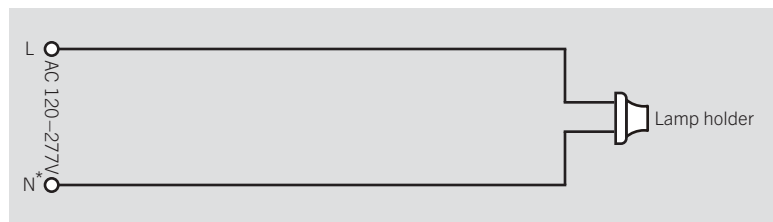
STEP 1

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



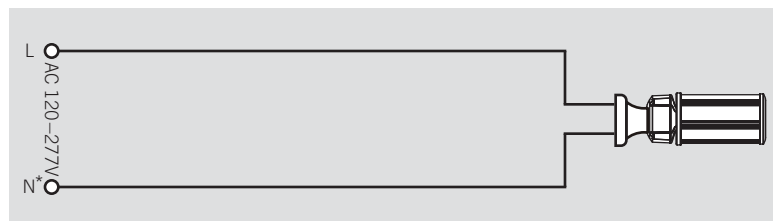
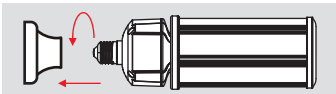
STEP 2

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



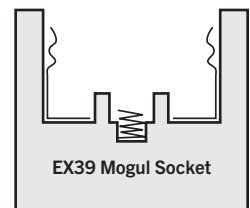
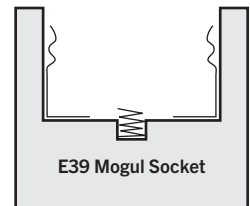
STEP 3

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

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

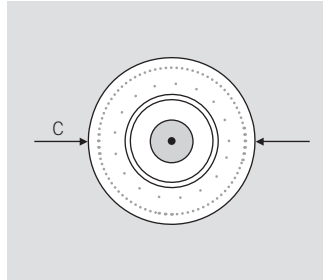
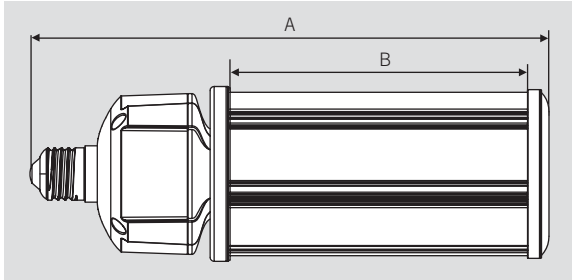




KT-LED45PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	9.90"
B (Illuminated Length)	5.07"
C (Diameter)	3.30"

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED45PSHID-EX39-8CSB-D	16	PUE-63	843654128641

CATALOG NUMBER BREAKDOWN

KT-LED45PSHID-EX39-8CSB-D

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Max Wattage
- 4 Power Select
- 5 Lamp Type
- 6 Base Type
- 7 80 CRI
- 8 Color Select
- 9 Color Select Designation
- 10 Direct Drive

9 Color Select Designation

B	3000/4000/5000K
---	-----------------



KT-LED54PSHID-EX39-8CSB-D

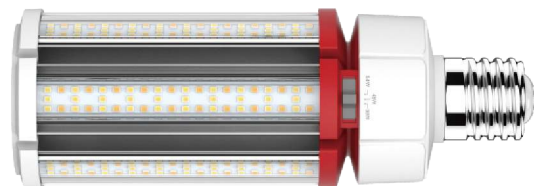
HID REPLACEMENT LED LAMP

DESCRIPTION

Power Select + Color Select 54W HID Replacement LED Lamp | 80 CRI | IP64



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
SELECTABLE WATTAGE: 54/45/36W
SELECTABLE COLOR TEMPERATURE: 3000/4000/5000K
METAL HALIDE EQUIVALENT: 200W
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years



PRODUCT FEATURES

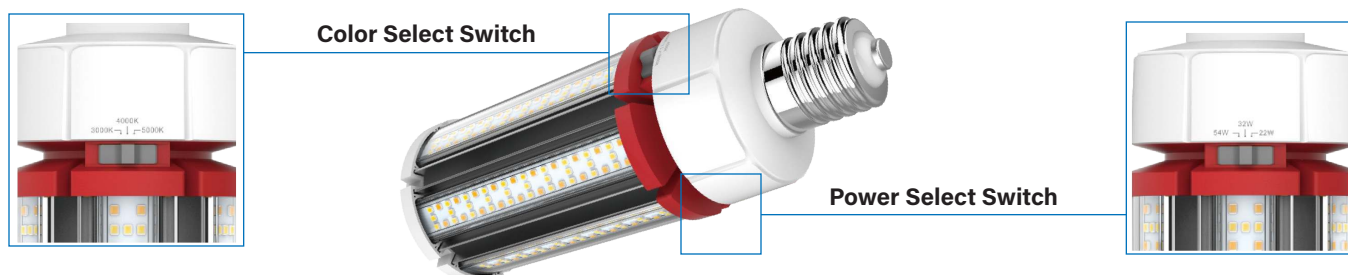
- Replacement for conventional metal halide lamp
- Selectable wattage: 54W, 45W, 36W
- Selectable CCT: 5000K, 4000K, 3000K
- 50,000 + hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL listed
- Operating temperature: -40°C/-40°F to 60°C/140°F
- Integral driver, eliminates 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
- Suitable for use in fully enclosed fixture. Minimum lamp compartment dimensions: 8" x 8" x 10"
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Keystone Catalog Number	Input Voltage	Selectable Power	Selectable CCT	Lumens	Efficacy	Base Type	CRI	Input Current
KT-LED54PSHID-EX39-8CSB-D	120-277V	54W	3000K	7290 lm	135 lm/W	EX39	> 80	0.45A @ 120V 0.19A @ 277V
			4000K	7830 lm	145 lm/W			
			5000K	7560 lm	140 lm/W			
	120-277V	45W	3000K	6075 lm	135 lm/W	EX39	> 80	0.38A @ 120V 0.16A @ 277V
			4000K	6525 lm	145 lm/W			
			5000K	6300 lm	140 lm/W			
	120-277V	36W	3000K	4860 lm	135 lm/W	EX39	> 80	0.30A @ 120V 0.13A @ 277V
			4000K	5220 lm	145 lm/W			
			5000K	5040 lm	140 lm/W			

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

SELECTABILITY



KT-LED54PSHID-EX39-8CSB-D

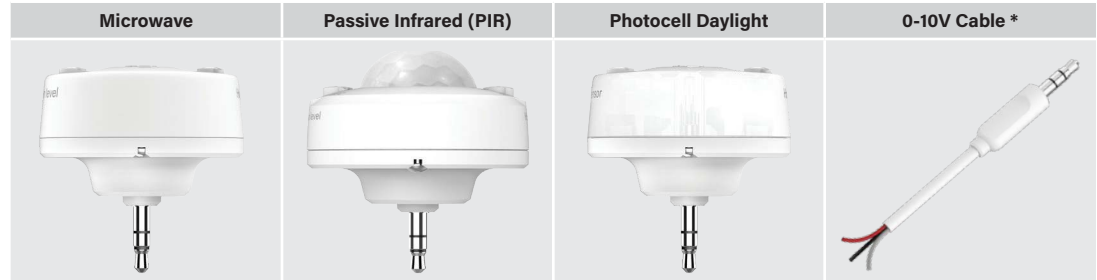
HID REPLACEMENT LED LAMP

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

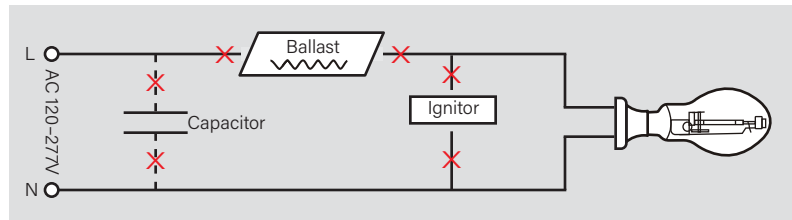


* For use with continuous dimming applications.

WIRING INSTRUCTIONS

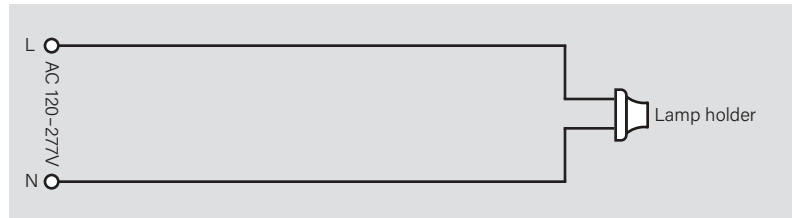
STEP 1

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



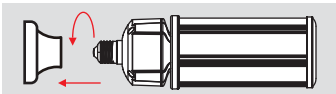
STEP 2

Rewire for line voltage to the lamp socket.

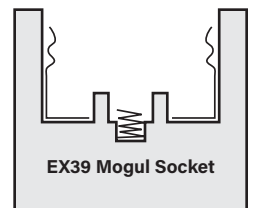
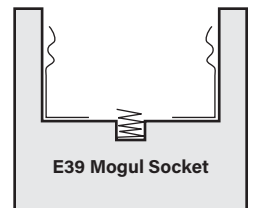


STEP 3

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

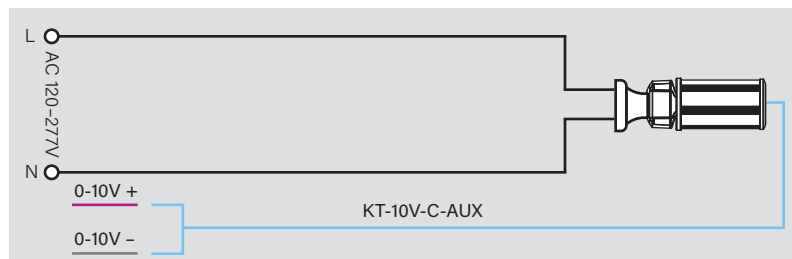


EX39-based lamps will work in *both* **E39** and **EX39** sockets.



STEP 4 (OPTIONAL)

Connect 0-10V dimming signal to the lamp via the smartport receptacle on the top of the lamp and with wiring accessory KT-10V-C-AUX (sold separately.)

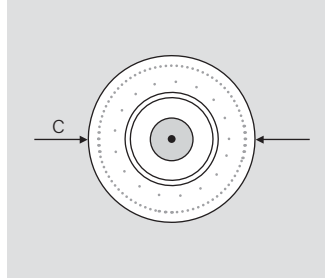
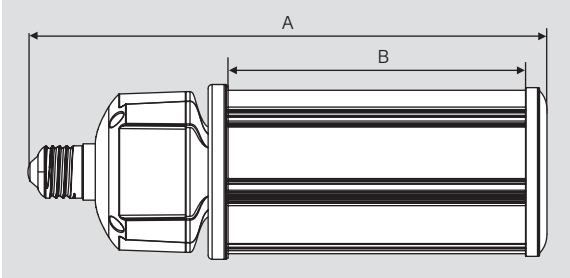




KT-LED54PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	9.90"
B (Illuminated Length)	5.07"
C (Diameter)	3.30"

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC	DLC PRODUCT ID
KT-LED54PSHID-EX39-8CSB-D	16	QHG-53	843654128689	P5HRUSSC

CATALOG NUMBER BREAKDOWN

KT-LED54PSHID-EX39-8CSB-D

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Power Select
- 5 Lamp Type
- 6 Base Type
- 7 800 Series
- 8 Color Select
- 9 Color Select Designation

9 Color Select Designation

B	3000/4000/5000K
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KT-LED63PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

DESCRIPTION

Power Select + Color Select | 63W HID Replacement LED Lamp | 80 CRI | IP64



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
SELECTABLE WATTAGE: 63/54/45W
SELECTABLE COLOR TEMPERATURE: 3000/4000/5000K
METAL HALIDE EQUIVALENT: 250W
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years



PRODUCT FEATURES

- Replacement for conventional metal halide lamp
- Selectable wattage: 63W, 54W, 45W
- Selectable CCT: 5000K, 4000K, 3000K
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL listed
- 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
- Suitable for use in fully enclosed fixture. Minimum lamp compartment dimensions: 8" x 8" x 11.7"
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Keystone Catalog Number	Input Voltage	Selectable Power	Selectable CCT	Lumens	Efficacy	Base Type	CRI	Input Current
KT-LED63PSHID-EX39-8CSB-D	120-277V	63W	3000K	8505 lm	135 lm/W	EX39	>80	0.53A @ 120V 0.23A @ 277V
			4000K	9035 lm	145 lm/W			
			5000K	8820 lm	140 lm/W			
	120-277V	54W	3000K	7290 lm	135 lm/W	EX39	>80	0.45A @ 120V 0.19A @ 277V
			4000K	7830 lm	145 lm/W			
			5000K	7560 lm	140 lm/W			
	120-277V	45W	3000K	6075 lm	135 lm/W	EX39	>80	0.38A @ 120V 0.16A @ 277V
			4000K	6525 lm	145 lm/W			
			5000K	6300 lm	140 lm/W			

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

SELECTABILITY



KT-LED63PSHID-EX39-8CSB-D

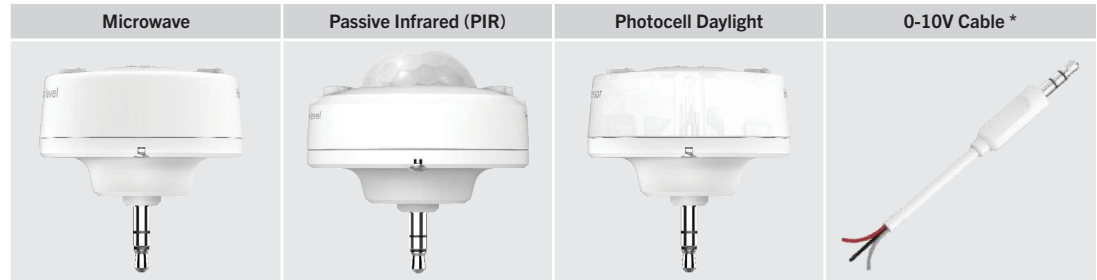
HID REPLACEMENT LED LAMP

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

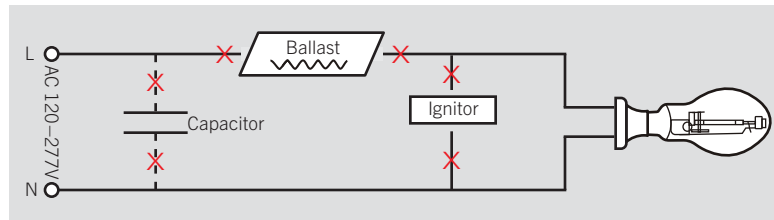


* For use with continuous dimming applications.

WIRING INSTRUCTIONS

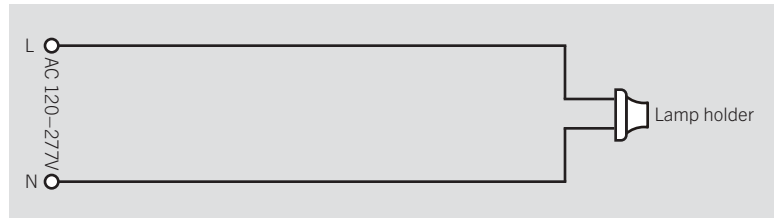
STEP 1

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



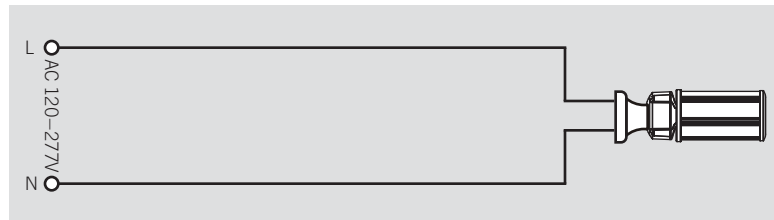
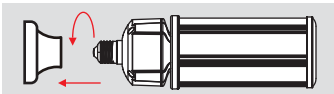
STEP 2

Rewire for line voltage to the lamp socket.

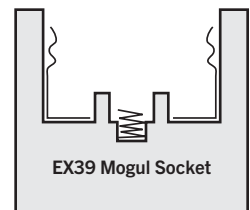
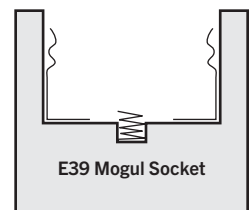


STEP 3

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.

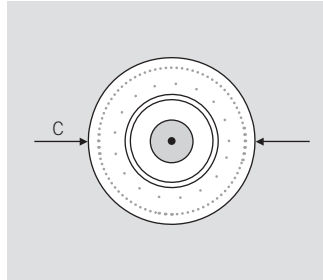
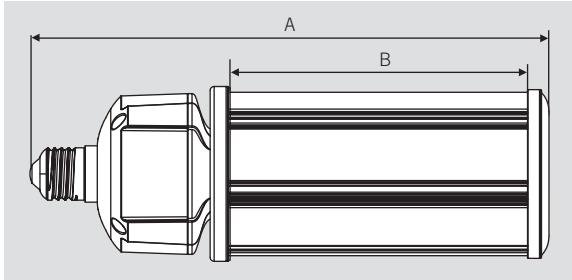




KT-LED63PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	10.50"
B (Illuminated Length)	5.66"
C (Diameter)	3.30"

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED63PSHID-EX39-8CSB-D	16	ZAV-57	843654128849

CATALOG NUMBER BREAKDOWN

KT-LED63PSHID-EX39-8CSB-D

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Power Select
- 5 Lamp Type
- 6 Base Type
- 7 800 Series
- 8 Color Select
- 9 Color Select Designation
- 10 Direct Drive

9 Color Select Designation

B	3000/4000/5000K
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KT-LED80PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

DESCRIPTION

Power Select + Color Select 80W HID Replacement LED Lamp | 80 CRI | IP64



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
SELECTABLE WATTAGE: 80/63/54W
SELECTABLE COLOR TEMPERATURE: 3000/4000/5000K
METAL HALIDE EQUIVALENT: 250W
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years



PRODUCT FEATURES

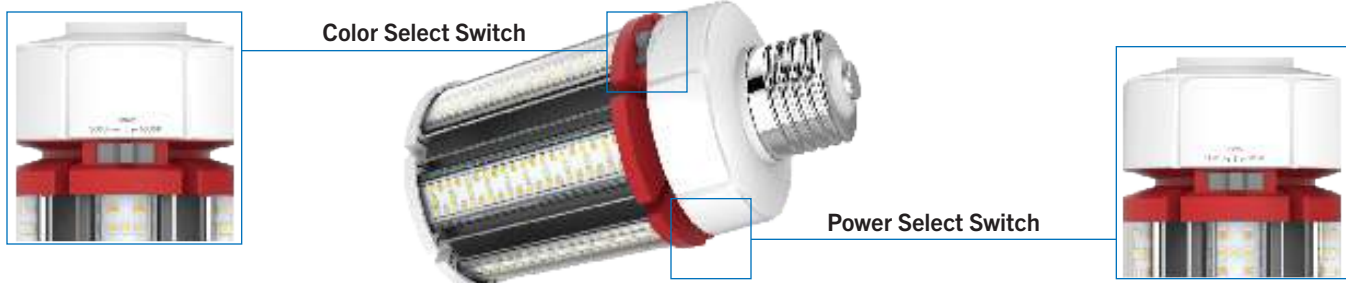
- Replacement for conventional metal halide lamp
- Keystone Power Select Technology (80/63/54W)
- Keystone Color Select Technology (3000/4000/5000K)
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- Operating temperature: -40°C/-40°F to 60°C/140°F
- UL listed
- Integral 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. Minimum lamp compartment dimensions: 9.8in x 9.8in x 10.9in
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Keystone Catalog Number	Input Voltage	Selectable Power	Selectable CCT	Base Type	CRI	Lumens	Efficacy
KT-LED80PSHID-EX39-8CSB-D	120-277V	80W	3000K	EX39	> 80	10800 lm	135 lm/W
			4000K			11600 lm	145 lm/W
			5000K			11200 lm	140 lm/W
	120-277V	63W	3000K	EX39	> 80	8505 lm	135 lm/W
			4000K			9135 lm	145 lm/W
			5000K			8820 lm	140 lm/W
	120-277V	54W	3000K	EX39	> 80	7290 lm	135 lm/W
			4000K			7830 lm	145 lm/W
			5000K			7560 lm	140 lm/W

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

SELECTABILITY



KT-LED80PSHID-EX39-8CSB-D

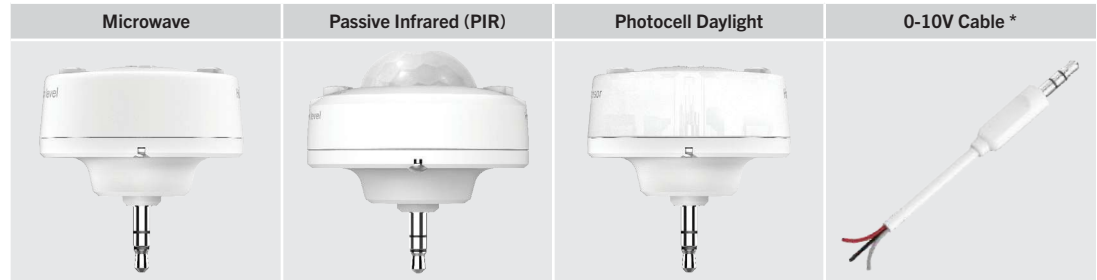
HID REPLACEMENT LED LAMP

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

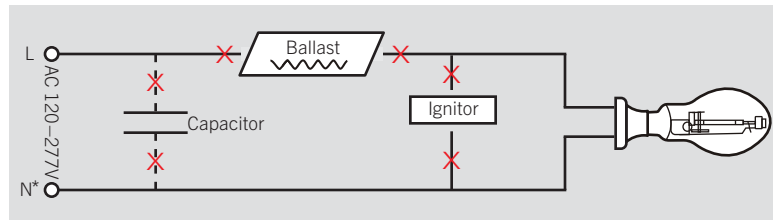


* For use with continuous dimming applications.

WIRING INSTRUCTIONS

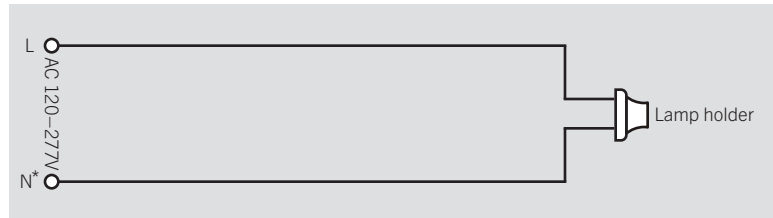
STEP 1

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



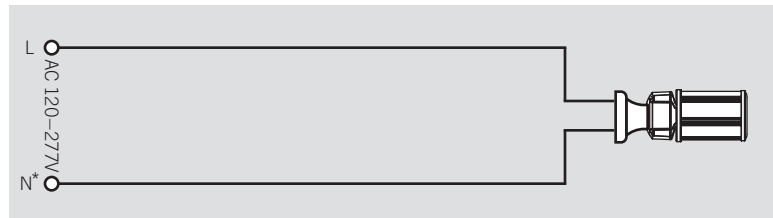
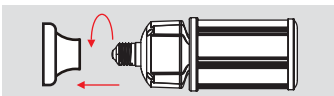
STEP 2

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



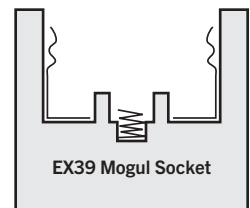
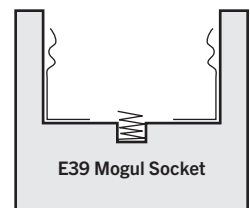
STEP 3

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

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

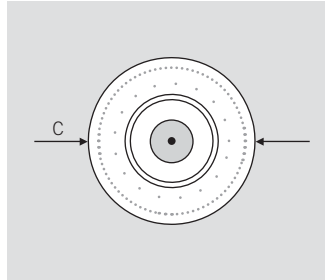
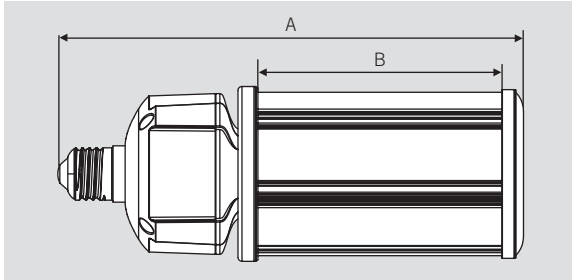




KT-LED80PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	9.80"
B (Illuminated Length)	4.00"
C (Diameter)	5.00"

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC
KT-LED80PSHID-EX39-8CSB-D	6	HZW-33	843654128856

CATALOG NUMBER BREAKDOWN

KT-LED80PSHID-EX39-8CSB-D

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Max Wattage
- 4 Power Select
- 5 Lamp Type
- 6 Base Type
- 7 80 CRI
- 8 Color Select
- 9 Color Select Designation
- 10 Direct Drive

9 Color Select Designation

B	3000/4000/5000K
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KT-LED100PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

DESCRIPTION

Power Selectable + Color Selectable 100W HID Replacement LED Lamp | 80 CRI | IP64



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
SELECTABLE WATTAGE: 100W, 80W, 63W
SELECTABLE COLOR TEMPERATURE: 5000K, 4000K, 3000K
METAL HALIDE EQUIVALENT: 400W
COLOR RENDERING INDEX (CRI): > 80
WARRANTY: 5 Years



PRODUCT FEATURES

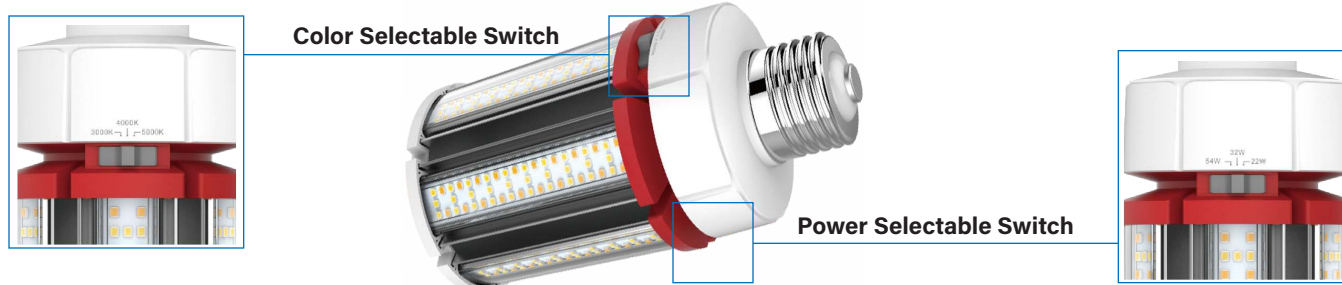
- Replacement for conventional metal halide lamp
- Selectable wattage: 100W, 80W, 63W
- Selectable CCT: 5000K, 4000K, 3000K
- UL listed
- 50,000 + hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- Operating temperature: -40°C/-40°F to 60°C/140°F
- Integral driver, eliminates 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
- Suitable for use in fully enclosed fixture
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Keystone Catalog Number	Input Voltage	Selectable Power	Selectable CCT	Base Type	CRI	Lumens	Efficacy
KT-LED100PSHID-EX39-8CSB-D	120-277V	100W	3000K	EX39	> 80	13500 lm	135 lm/W
			4000K			14500 lm	145 lm/W
			5000K			14000 lm	140 lm/W
	120-277V	80W	3000K	EX39	> 80	10800 lm	135 lm/W
			4000K			11600 lm	145 lm/W
			5000K			11200 lm	140 lm/W
	120-277V	63W	3000K	EX39	> 80	8505 lm	135 lm/W
			4000K			9135 lm	145 lm/W
			5000K			8820 lm	140 lm/W

* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

SELECTABILITY





KT-LED100PSHID-EX39-8CSB-D

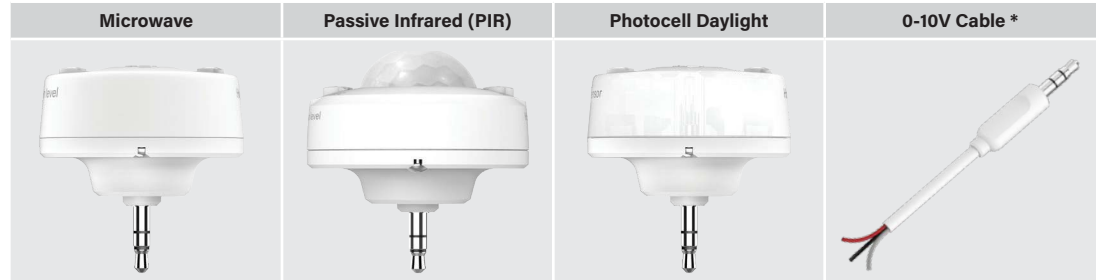
HID REPLACEMENT LED LAMP

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

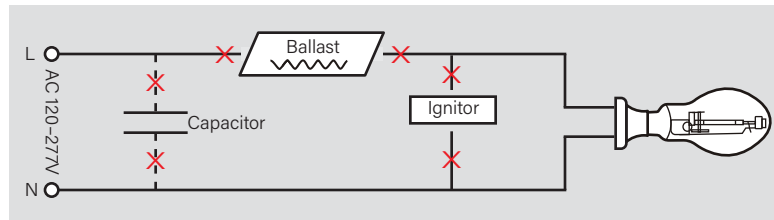


* For use with continuous dimming applications.

WIRING INSTRUCTIONS

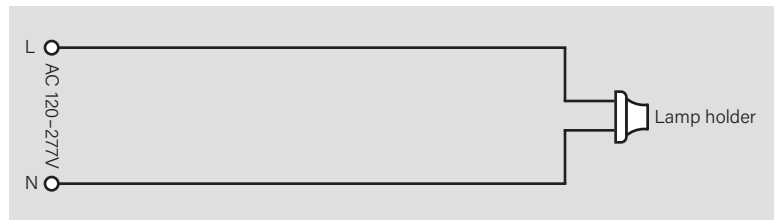
STEP 1

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



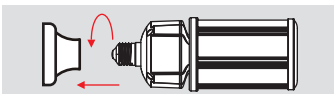
STEP 2

Rewire for line voltage to the lamp socket.

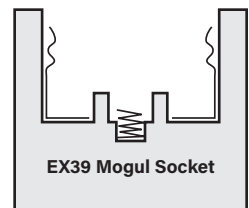
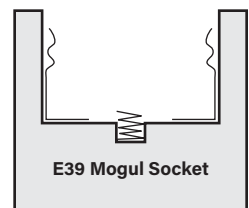


STEP 3

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.

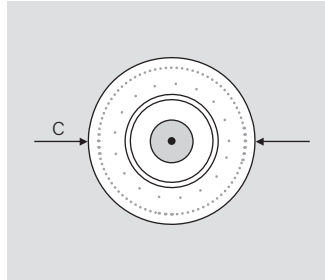
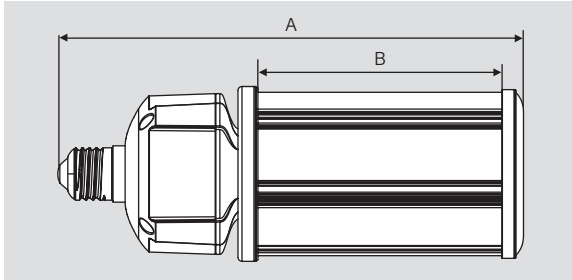




KT-LED100PSHID-EX39-8CSB-D

HID REPLACEMENT LED LAMP

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	10.40"
B (Illuminated Length)	4.50"
C (Diameter)	5.00"

BASE TYPE: EX39 (Mogul)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC	DLC PRODUCT ID
KT-LED100PSHID-EX39-8CSB-D	6	RMG-16	843654128863	P848PO66

CATALOG NUMBER BREAKDOWN

KT-LED100PSHID-EX39-8CSB-D

1 2 3 4 5 6 7 8 9 10

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Power Selectable
- 5 Lamp Type
- 6 Base Type
- 7 80 CRI
- 8 Color Selectable
- 9 Color Select Designation
- 10 Direct Drive

9 Color Select Designation

B	3000K, 4000K, 5000K
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