

# METAL HALIDE

Superior Life® Metal Halides are more energy-efficient than incandescent lamps and mercury vapor lamps. Suggested applications: commercial, industrial, retail, stadium, area, architectural, or anywhere high-performance lighting and accurate color rendition is required.

## FEATURES

- **Better Lumen Maintenance**
- **Superior Color Rendition to HPS** - reduced color shift and lamp to lamp color consistency.
- **Maximized Output** - with improved restrike times and warm up times.
- **Colder Starting Temperatures**
- **MP Protected Lamps** - have a quartz jacket that surrounds the arc tube.

## APPLICATION

### COMMERCIAL & INDUSTRIAL



Commercial Lighting  
Warehouses

Outdoor Spaces  
Parking Lot and Roadway



WATTS	ITEM#	DESCRIPTION	BULB	TYPE	LUMENS	LPW	ANSI CODE	OPERATING POSITION	BASE	LIFE HOURS	CASE
<b>METAL HALIDE</b>											
70	64200	MH70/CL/U/4K/ED17/MED/M98	BD17	CLEAR	5600	80	M98/E	UNIVERSAL	MEDIUM	24,000	12
<b>PROTECTED PULSE START METAL HALIDE</b>											
150	64194	MP150/CL/U/4K/PS/EDX17/MED/M102	EDX17	CLEAR	13,300	89	M102/O	UNIVERSAL	MEDIUM	15,000	12
175	64196	MP175/CL/U/4K/PS/EDX17/MED/M152, M137	EDX17	CLEAR	16,000	91	M152/M137/O	UNIVERSAL	MEDIUM	15,000	12
	63844	MP175/CL/U/4K/PS/ED28/MOG/M152, M137	ED28	CLEAR	17,000	97	M152/M137/O	UNIVERSAL	EX39/MOG	15,000	12
320	64195	MP320/CL/U/4K/PS/BT37/MOG/M154, M132	BT37	CLEAR	31,350	98	M154/M132/O	UNIVERSAL	EX39/MOG	15,000	6
	64201	MP320/CL/U/4K/PS/ED28/MOG/M154, M132	ED28	CLEAR	32,500	102	M154/M132/O	UNIVERSAL	EX39/MOG	15,000	12
350	64197	MP350/CL/BU/4K/PS/ED28/MOG/M131	ED28	CLEAR	35,000	100	M131/O	BASE UP	EX39/MOG	15,000	6
1000	64225	MP1000/CL/BU/4K/PS/BT37/MOG/M141	BT37	CLEAR	105,000	105	M141/O	BASE UP	EX39/MOG	15,000	6

Key: LPW = Lumen Per Watt / MOG = Mogul

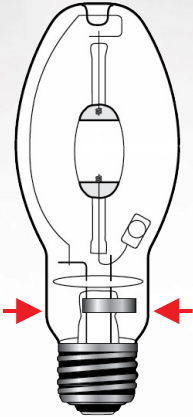
Note: These lamps contain mercury. For proper lamp disposal contact your local municipal solid waste agency directly, call 888-537-4874 or visit [lamprecycle.org](http://lamprecycle.org) for state-specific lamp recycling options. • Published lumens are approximate and may vary slightly. • Specifications are subject to change without notice. • Photos and drawings may not be to scale and are for general reference only.



## BD17 VS. EDX17 LAMP

### BD17

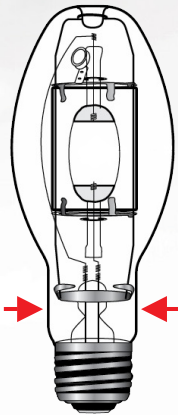
Enclosed fixtures only



/E = Enclosed-rated BD17 lamps have a min. bulb neck diam. of 34mm (~1.5")

### ED17/EDX17

Open or Enclosed fixtures

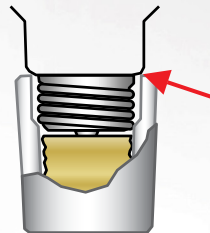


/O = Open-rated EDX17 lamps have a max. bulb neck diameter of 31.5mm (~1.25")

### E26/MEDIUM

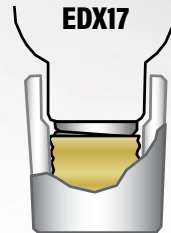


### BD17



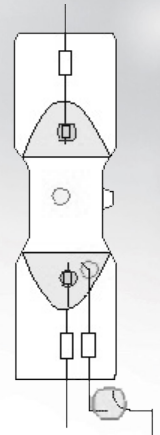
Additional / extended insulator height on "exclusionary" socket keeps BD17 lamp from seating properly.

### ED17 or EDX17

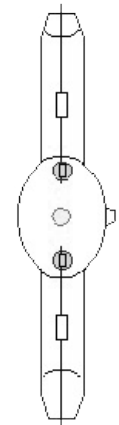
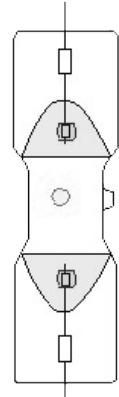


## ARC TUBES

### PROBE Start



### PULSE Start



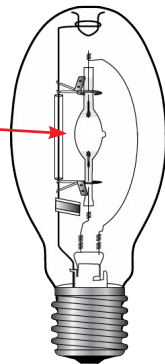
## E39 VS. EX39 BASE

### E39

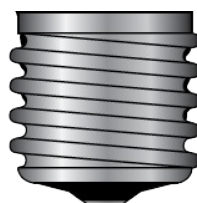
Enclosed Fixtures Only

**NO SHROUD**

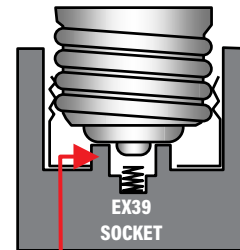
/E = Enclosed-rated Lamp Shown: ED28



### E39/MOGUL



Additional ceramic material around the center contact keeps standard E39 mogul base from seating and making contact.

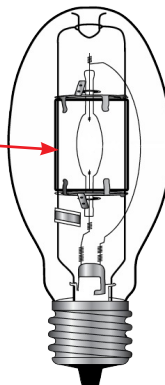


### EX39

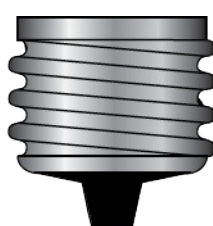
Open or Enclosed Fixtures

**ARC TUBE PROTECTIVE SHROUD**

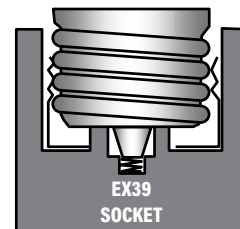
/O = Open-rated Lamp Shown: ED28



### EX39/MOGUL



The EX39 base has an extended center terminal that can reach the center contact of an EX39 socket.



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