



Product Description

HP Mercury Vapour Lamp

HP mercury vapour lamp is a high intensity discharge lamp that utilizes high pressure mercury vapor discharge to emit light. And coated the inside of the housing with phosphor powder allows the HP mercury vapour lamp to increase their luminous efficiency. Usually, it can be classified with mercury vapor self ballasted lamp and mercury lamps with external ballasts.

Advantage

- Good bright light output

Producing bright white light, HP mercury vapour lamp is suitable for outdoor large scale lighting.

- Long lifespan

HP mercury vapour lamp can operate for 6,000 hours, it is 4~6 times longer than incandescent bulb.

- Multiple wattage options

Available in 50W to 1000W, HP mercury vapour lamp can meet different lighting needs. Among these models, the 175 mercury vapor light bulb and 250w mercury vapour lamp are in hot sale.

-Cost effective

HP mercury vapour lamp has better lumen efficiency and longer life span than traditional incandescent bulb that can reduce the replacement cost.



White phosphor coating



Stainless steel support



Aluminum nickel plated lamp base

HP Mercury Vapour Lamp

Feature

- ✓ High bright light
- ✓ Suitable for large area lighting
- ✓ Elliptical shape
- ✓ 6000 hours life span

Application

Due to the features of good brightness, long life span, durability and cost effective, HP mercury vapour lamp is used extensively for street lighting, industrial lighting, sports lighting and parking lots lighting and other outdoor spaces.



Specification

Blended light mercury lamp (Self-ballasted)

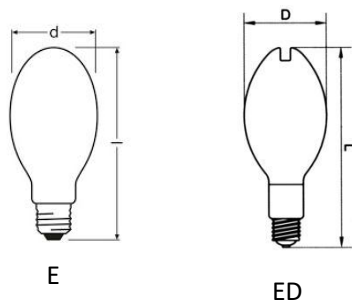
Model	Wattage	Base	Dimension(D x L)	Luminous Flux	Color Temperature	Life span	Shell Material	Voltage
HID-BML-E	100W	E27	76*173 mm	1350LM	4200K	4,000 H	Soft / Hard Glass	220-240V 110-130V
HID-BML-E	125W		76*173mm	1800LM		5,000 H		
HID-BML-E	160W		76*173mm	2450LM		5,000 H		
HID-BML-E	250W	E40	90*225mm	5500LM		6,000 H		
HID-BML-ED	250W		90*225mm	10000LM		6,000 H		
HID-BML-ED	500W		120*290mm	11500LM		6,000 H		
HID-BML-ED	1000W		180*396mm	30000LM		5,000 H		

HP Mercury Vapour Lamp

High-pressure mercury fluorescent lamp (External ballast)

Model	Wattage	Base	Dimension(D x L)	Luminous Flux	Color Temperature	Life span	Shell Material	Voltage
HID-ML-E	50W	E27	76*173 mm	1650LM	4200K	5,000 H	Soft / Hard Glass	220-240V 110-130V
HID-ML-E	80W		76*173mm	3250LM		6,000 H		
HID-ML-E	125W		76*173mm	5500LM		7,000 H		
HID-ML-E	250W	E40	90*225mm	12000LM		7,000 H		
HID-ML-ED	175W		90*225mm	7350LM		6,000 H		
HID-ML-ED	200W		90*225mm	10500LM		7,000 H		
HID-ML-ED	250W		90*225mm	11025LM		7,000 H		
HID-ML-ED	300W		90*225mm	16500LM		7,000 H		
HID-ML-ED	400W		120*290mm	22000LM		7,000 H		

Dimensional Drawing



Wire Connection

- Self-ballasted Mercury Lamp

The self-ballasted filament is built in mercury lamp, so the self- ballasted mercury lamp can directly connect with power supply.

- Mercury Lamps With External Ballasts

The ballast and ignitor are required to provide high voltage when the lamp is started. During normal operation, the ballast will limit the current and the ignitor does not work. The capacitor is used to improve the power factor. Please refer to the picture below for specific connection methods:

