

Product Code: MHPS/0012

Description: MS875W/BT120/PS/U/4K/E39/Clear/US Standard

Product Name: Pulse Start Metal Halide Lamps

Technical Performance Data Sheet

MHPS/0012:MS875W/BT120/PS/U/4K/E39/Clear/US

Light Output (Lumens100Hrs) (Base Up Burning)	100000
Light Output (Lumens100Hrs) (Horizontal Burning)	89000
Lamp Lumens Per Watt (Base Up Burning)	114
Lamp Lumens Per Watt (Horizontal Burning)	102
Mean Output (Lumens) (Base Up Burning)	80000
Mean Output (Lumens) (Horizontal Burning)	71200
Rated Life (Hours)	20000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.385,0.390/
Color Rendering Index (CRI)	68
To 90% Warm Up Time (Minute)	3 to 5 Minutes
Hot Restart Time (Minute)	10 to 15 Minutes
Burning Position	UNIVERSAL



Physical Data/ Requirements

Base Designation	E39
Bulb Designation	BT120mm
Bulb Diameter mm	Φ120mm
Max Overall Length (MOL) mm	292mm
Light Center Length (LCL) mm	178±/5mm
Effective Arc Length	41mm
Max Base Temperature	210°C
Max Bulb Temperature	450°C
Luminaire type	ENCLOSED
Socket Pulse Rating (V)	3000-4000V

Electrical Data/ Requirement

Lamp Wattage (W)	875w
Operating Voltage (V)	250V
Operating Current (Amps)	3.7A
Min. Open Circuit Voltage (RMS)	310V
Min Max Starting Pulse (Peak v)	3000-4000V
Min Pulse Width (u sec)	1
Min Pulse Rate Per 1/2 Cycle	1
Pulse Position(Min.% OCV Peak)	60° ~ 90°
Revision :	17/09/2012

This lamp can cause skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured.
 Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used, *This is for reference,not the absolute standard.