

Product Code: MHPS/0004-MHPS/0011

Description: MS400W/ED90/PS/H75/4K/E39/Clear/US Standard/MS750W/BT120/PS/HBU/4K/E39/Clear/US Standard

Product Name: Pulse Start Metal Halide Lamps

Technical Performance Data Sheet

MHPS/0004:MS400W/ED90/PS/H75/4K/E39/Clear/US

Light Output (Lumens/100Hrs)	40000/80000
Lamp Lumens Per Watt	100/106
Mean Output (Lumens)	33000/68000
Rated Life (Hours)	20000/15000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.385,0.390/
Color Rendering Index (CRI)	65
To 90% Warm Up Time (Minute)	2 to 3 Minutes/ 3 to 5 Minutes
Hot Restart Time (Minute)	4 to 6 Minutes/ 10 to 15 Minutes
Burning Position	HORIZONTAL/H-BU



Physical Data/ Requirements

Base Designation	E39
Bulb Designation	ED90mm/BT120mm
Bulb Diameter mm	Φ90mm/Φ120mm
Max Overall Length (MOL) mm	211mm/292mm
Light Center Length (LCL) mm	127±5mm/178±5mm
Effective Arc Length	NA/41mm
Max Base Temperature	210°C
Max Bulb Temperature	450°C
Luminaire type	ENCLOSED
Socket Pulse Rating (V)	3000-4000V

MHPS/0011:MS750W/BT120/PS/HBU/4K/E39/Clear/US



Electrical Data/ Requirement

Lamp Wattage (W)	400W/750W
Operating Voltage (V)	135V/200V
Operating Current (Amps)	3.25A/4.00A
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.