

Product Code:MHUS/0001

Description:MH1000W/BT120/U/4K/E39/Clear/US Standard

Product Name: Standard Metal Halide Lamps

Technical Performance Data Sheet

MHUS/0001:MH1000W/BT120/U/4K/E39/Clear

Light Output (Lumens100Hrs)	110000
Lamp Lumens Per Watt	110
Mean Output (Lumens)	88000
Rated Life (Hours)	10000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.380,0.377
Color Rendering Index (CRI)	65
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	BT120
Bulb Diameter mm	120mm
Max Overall Length (MOL) mm	292mm
Light Center Length (LCL) mm	178±5/mm
Effective Arc Length	94mm
Max Base Temperature	250°C
Max Bulb Temperature	450°C
Luminaire type	ENCLOSED
Socket Pulse Rating (V)	NA

Electrical Data/ Requirement

Lamp Wattage (W)	1000W
Operating Voltage (V)	263V
Operating Current (Amps)	4.10A
Min. Open Circuit Voltage (RMS)	420V
Min Max Starting Pulse (Peak v)	NA
Min Pulse Width (u sec)	NA
Min Pulse Rate Per 1/2 Cycle	NA
Pulse Position(Min.% OCV Peak)	NA
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.