

**Product Code:MHUS/0002-MHUS/0004**

**Description:MH1000W/BT180/U/4K/E39/Clear/US Standard-MH1000W/BT180/C/U/4KE39/Coated/US Standard**

**Product Name: Standard Metal Halide Lamps**

**Technical Performance Data Sheet**

**MHUS/0002:MH1000W/BT180/U/4K/E39/Clear**

Light Output (Lumens/100Hrs)	110000/100000
Lamp Lumens Per Watt	110/100
Mean Output (Lumens)	88000/80000
Rated Life ( Hours )	10000
Color Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.380,0.377
Color Rendering Index (CRI)	60
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	BT180
Bulb Diameter mm	180mm
Max Overall Length (MOL) mm	390mm/Max
Light Center Length (LCL) mm	241±5/mm
Effective Arc Length	94mm
Max Base Temperature	210°C
Max Bulb Temperature	400°C
Luminaire type	ENCLOSED
Socket Pulse Rating (V)	NA

**MHUS/0004:MH1000W/BT180/U/4K/E39/Coated**



**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 :	12/11/2012

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.