

## TECHNICAL PERFORMANCE DATA SHEET

**Product Code:** ST-MH1000  
**Description:** MH1000W/BT180/E39/US/6400K  
**Product Name:** Metal halide lamp

**SUNNYTEK™**

### Performance Data

Light Output (Lumens/100Hrs)	110000
Lamp Lumens Per Watt	110
Mean Output (Lumens)	88000
Rated Life (Hrs. 10 Hr. 1Start)	10000
Color Temperature (k)	6400K
Chromaticity (CIE-x/y)	0.380, 0.377
Color Rendering Index (CRI)	60
To 60%-90% Warm Up Time (Minute)	4
Hot Restart Time (Minute)	5 to 10
Burning Position	Universal

### Physical Data/ Requirements

Base Designation	MOG (E39)
Bulb Designation	BT56
Bulb Diameter mm	Φ180
Max Overall Length (MOL) mm	392max
Light Centre Length (LCL) mm	241±6
Effective Arc Length	94
Max Base Temperature(°C)	210°C
Max Bulb Temperature(°C)	450°C (842°F)
Luminaire type	ENCLOSED
Socket Pulse Rating (KV)	---
Socket Style	MOG

### Electrical Data/ Requirement

Lamp Wattage (W)	1000W
Operating Voltage (V)	263V
Operating Current (Amps)	4.1A
Min. Open Circuit Voltage (RMS)	420V
Min Max Starting Pulse (Peak v)	-----
Min Pulse Width (u sec)	-----
Min Pulse Rate Per 1/2 Cycle	-----
Pulse Position(Min.% OCV Peak)	-----



Revision:

**Warning:** 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, lamps that will automatical extinguish when outer envelope is broken or punctures are commercially available.