



Product Specification Sheet

Product Name

Metal Halide Lamp

MH1000W/BT37/4200K/E39

ANSI Designation: M47

Performance Data	
Light Output (Lumens/100Hrs)	110 000
Lamp Lumen's Per Watt	110
Mean Output (Lumen's)	93500
Rated Life (Hrs. 10 Hr.1Strat)	10000
Colour Temperature (k)	4200K
Chromaticity (CIE-x/y)	0.385 , 0.390
Colour Rendering Index (CRI)	65
To 90% Warm Up Time (Minute)	3-5
Hot Restart Time (Minute)	10-15
Burning Position	Universal
Physical Data / Requirements	
Base Type	MOGUL (E39)
Bulb Type	BT37 (BT120)
Bulb Diameter mm	Φ121
Max Overall Length (MOL) mm	284 Max
Light Center Length (LCL) mm	178±5
Effective Arc Length	93
Max Base Temperature(°C)	210°C
Max Bulb Temperature(°C)	430°C
Luminaire type	Enclosed
Socket Style	MOGUL
Electrical Data/ Requirement	
Lamp Wattage (W)	1000W
Operating Voltage (V)	263V
Operating Current (Amps)	4.1A
Min. Open Circuit Voltage (RMS)	530V