



# Metal Halide Probe Start Specifications

## 1000 Watt Probe Start Metal Halide Lamp

### Performance Data

Item #	Description	ANSI Designation	Light Output (Lumens @ 100 Hrs.)	Lamp Lumens Per Watt	Mean Output (Lumens)	Related Life (Hours @ 10 Hr./Start)	Correlated Color Temperature K	Chromaticity (CIE-X,Y)	Color Rendering Index (CRI)	Warm Up Time (Minutes)	Hot Restart Time (Minutes)	Burning Position
46370	MH 1000W/U	M47/E	110000 V	110 V	71000V	12000 V	4000	.385	65	3-5	7-12	Universal
			99000 H	99 H	64400 H	9000 H		.390				

### Physical Data / Requirements:

Base Designation ----- Mogul (E39)  
 Bulb Designation ----- BT56  
 Bulb Diameter ----- 7"  
 Max. Overall Length (MOL) ----- 15 $\frac{3}{8}$ "  
 Light Center Length (LCL) ----- 9 $\frac{1}{2}$ "  
 Effective Arc Length ----- 81.0 mm  
 Max. Base Temperature (°C) ----- 250  
 Max. Bulb Temperature (°C) ----- 430  
 Luminaire Type ----- Enclosed  
 Socket Style ----- Mogul

### Electrical Data / Requirements:

Lamp Wattage ----- 1000  
 Operating Voltage (Nominal) ----- 263  
 Operating Current (Amps) ----- 4.3

### Notes:

Lamp operates on standard 1000 watt (M47) metal halide ballast.  
 Nominal color temperature rating is based on vertical ( $\pm 15^\circ$ ) operation of the lamp.  
 Off vertical positions will result in higher color temperature.

