

1500 Watt Probe Start Lamp

12342 DATA SHEET



MH 1500W/U/XL GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M48/E
Bulb Shape	BT56
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life (V)	6000 hours
Rated Life (H)	4500 hours
Operating Position	Universal

PHOTOMETRIC

Initial Lumens / LPW (V)	170000 / 113
Initial Lumens / LPW (H)	153000 / 102
Lamp Lumen Depreciation (LLD)	0.80 (80%) @ 2400 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	65

PHYSICAL

Bulb Diameter	7.0" (180mm)
Max. Overall Length (MOL)	15.3" (391mm)
Light Center Length (LCL)	9.5" (241mm)
Effective Arc Length	104.0mm
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	430
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated

ELECTRICAL

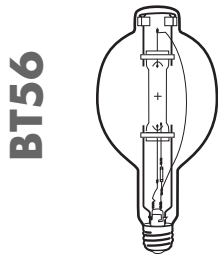
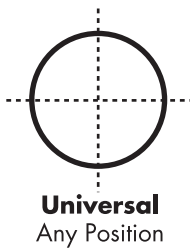
Lamp Watts	1500
Lamp Oper. Voltage (Nom.)	268

SUSTAINABILITY

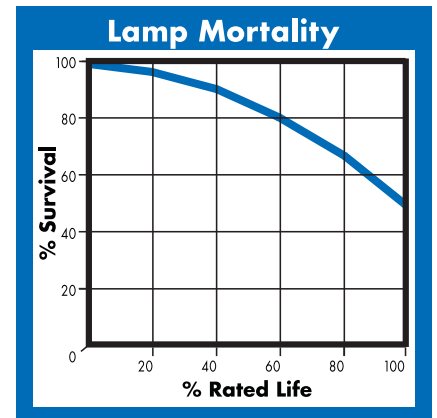
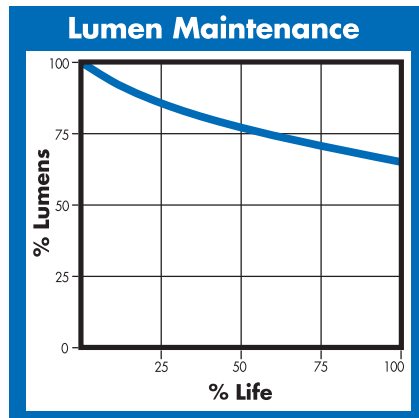
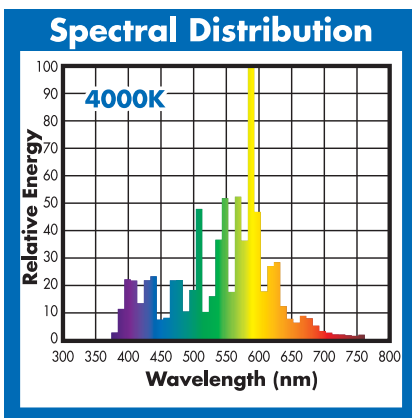
Mercury Amount (mg)	239.0
Picograms of Hg per Mean Lumen Hour (V)	293

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Performance ratings of Universal lamps are based upon Vertical ($\pm 15^\circ$) operation.
- Dimming applicable only when lamp is installed in the Base Up $\pm 15^\circ$ (BU $\pm 15^\circ$) position.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).



BT56
 Dia. = 7.0" (180mm)
 MOL = 15.3" (391mm)
 LCL = 9.5" (241mm)
 Base = Mogul (E39)



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THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30
 Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives

Warning: This lamp can cause skin burn and eye inflammation from shortwave 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 automatically extinguish when outer envelope is broken or punctured are commercially available.