

# 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

## ELECTRICAL

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

## SUSTAINABILITY

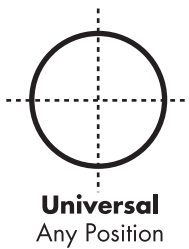
Mercury Amount (mg)	239.0
Picograms of Hg per Mean Lumen Hour (V)	293

## 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

## NOTES

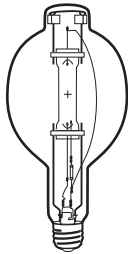
- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Performance ratings of Universal lamps are based upon Vertical ( $\pm 15^\circ$ ) operation.
- Dimming applicable only when lamp is installed in the Base Up  $\pm 15^\circ$  (BU $\pm 15^\circ$ )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



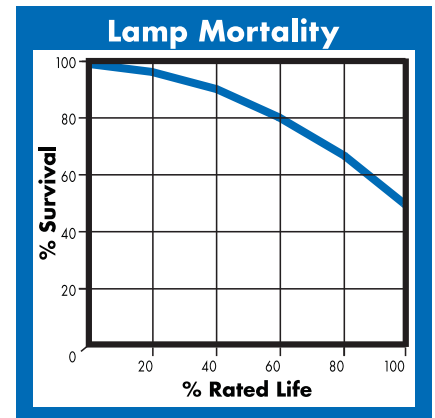
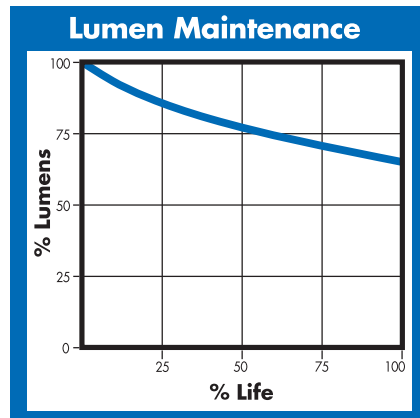
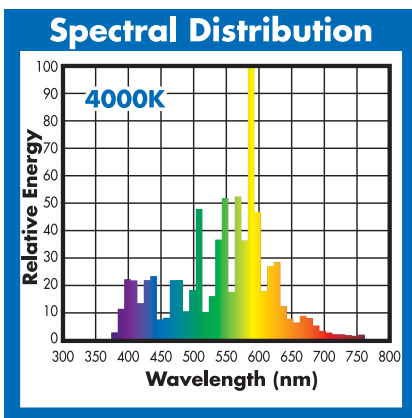
## PHYSICAL

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

**BT56**



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



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.

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