



## MH 1650W/U/XL GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M112/E
Bulb Shape	BT56
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life (V)	3000 hours
Rated Life (H)	3000 hours
Operating Position	Universal

## ELECTRICAL

Lamp Watts	1650
Lamp Oper. Voltage (Nom.)	270

## SUSTAINABILITY

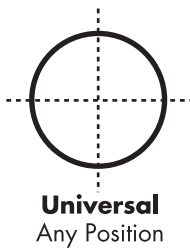
Mercury Amount (mg)	239.0
Picograms of Hg per Mean Lumen Hour (V)	293

## PHOTOMETRIC

Initial Lumens / LPW (V)	185000 / 112
Initial Lumens / LPW (H)	165000 / 100
Lamp Lumen Depreciation (LLD)	0.82 (82%) @ 1200 hours
Correlated Color Temperature	3600K
Chromaticity Coordinates (CIE-x,y)	.400 .390
Color Rendering Index (CRI) $R_a$	65

## NOTES

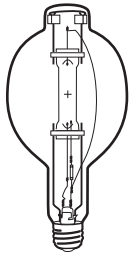
- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Performance ratings of Universal lamps are based upon Vertical ( $\pm 15^\circ$ ) operation.
- Dimming applicable only when lamp is installed in the Base Up  $\pm 15^\circ$  (BU $\pm 15^\circ$ ) position.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).
- Lamp design has not been optimized for TV broadcasting.



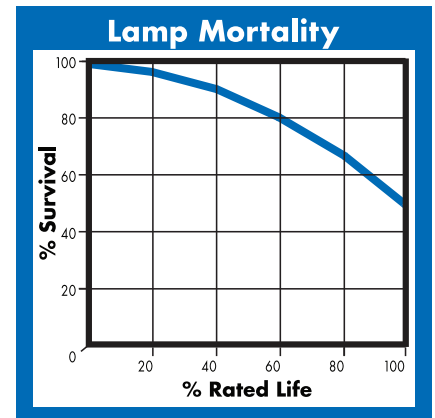
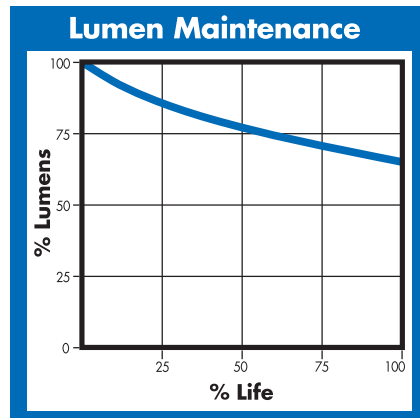
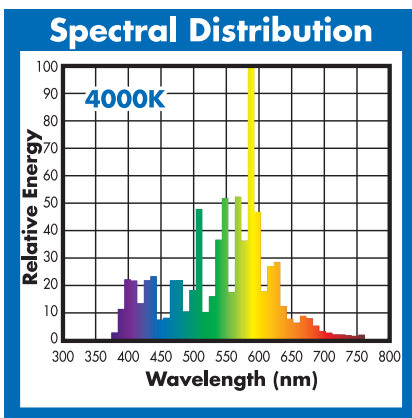
## PHYSICAL

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 ( $^\circ\text{C}$ )	250
Max. Bulb Temperature ( $^\circ\text{C}$ )	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)



**(800) 451-2606**

6675 Parkland Blvd., Suite 100

Solon, Ohio 44139 USA

E-mail: [Venture\\_Lighting@VentureLighting.com](mailto:Venture_Lighting@VentureLighting.com)

**VentureLighting.com**

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.