



MH 1500W/HBU GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M48/E
Bulb Shape	BT56
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	3000 hours
Operating Position	Base Up $\pm 105^\circ$
Dimming	50% Rated Power

PHOTOMETRIC

Initial Lumens	161000
Lumens Per Watt	107
Scotopic Lumens (S/P 1.4)	225000
Lamp Lumen Depreciation (LLD)	.85 (85%) @ 1200 hours
Correlated Color Temperature	3400K
Chromaticity Coordinates (CIE-x,y)	.410 .385
Color Rendering Index (CRI)	65

PHYSICAL

Bulb Diameter	7.0" (180mm)
Max. Overall Length (MOL)	15.3" (391mm)
Light Center Length (LCL)	9.5" (241mm)
Effective Arc Length	90.6 mm
Max. Base Temperature ($^\circ\text{C}$)	250
Max. Bulb Temperature ($^\circ\text{C}$)	430
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated

ELECTRICAL

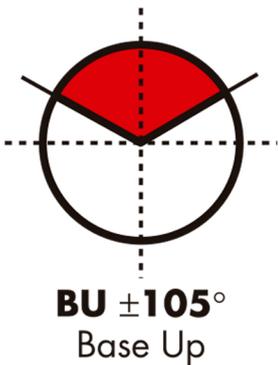
Lamp Watts	1500
Lamp Oper. Voltage (Nom.)	268

SUSTAINABILITY

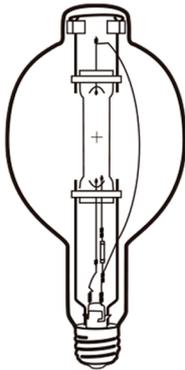
Recycling Program	Smartpac® 800-451-2606
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NOTES

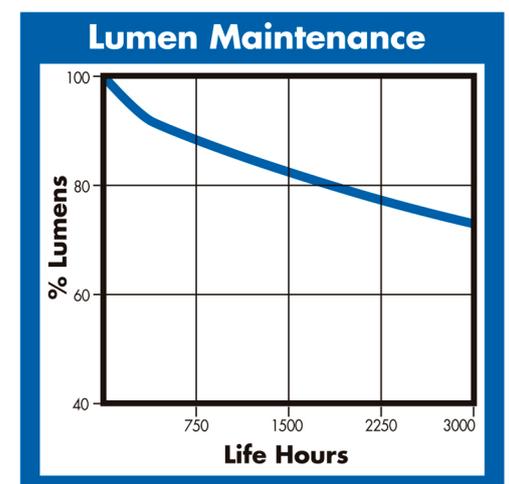
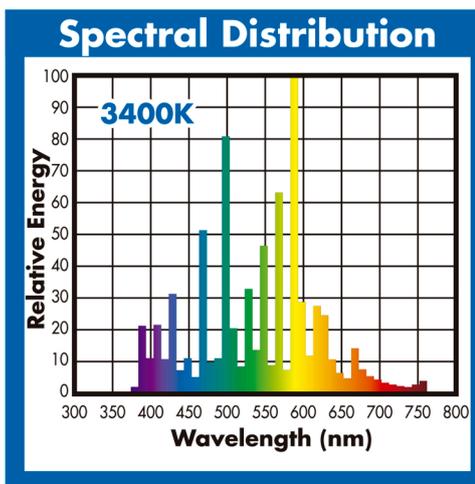
Lamp performance ratings published in this data sheet are based on operation with approved magnetic ballasts. Performance of position-rated lamps outside of their tolerances will result in poor performance. Dimming applicable only when lamp is installed in the Base Up $\pm 15^\circ$ ($\text{BU} \pm 15^\circ$) position. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.



BT56



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



THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30

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.