



## MPI 1000W/BU

### GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M47/O
Bulb Shape	BT56
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	12000 hours
Operating Position	Base Up $\pm 15^\circ$
Dimming	50% Rated Power

### PHOTOMETRIC

Initial Lumens	107000
Lumens Per Watt	107
Scotopic Lumens (S/P 1.6)	171000
Lamp Lumen Depreciation (LLD)	.65 (65%) @ 4800 hours
Correlated Color Temperature	3500K
Chromaticity Coordinates (CIE-x,y)	.405 .390
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	85.5mm
Max. Base Temperature ( $^\circ\text{C}$ )	250
Max. Bulb Temperature ( $^\circ\text{C}$ )	430
Socket Pulse Rating (KV)	-
Luminaire Type	Open / Enclosed Rated

### ELECTRICAL

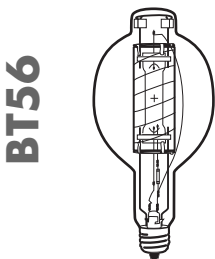
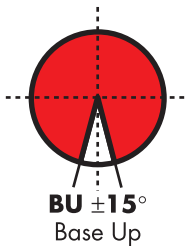
Lamp Watts	1000
Lamp Oper. Voltage (Nom.)	263

### SUSTAINABILITY

Recycling Program	Smartpac <sup>®</sup> 800-451-2606
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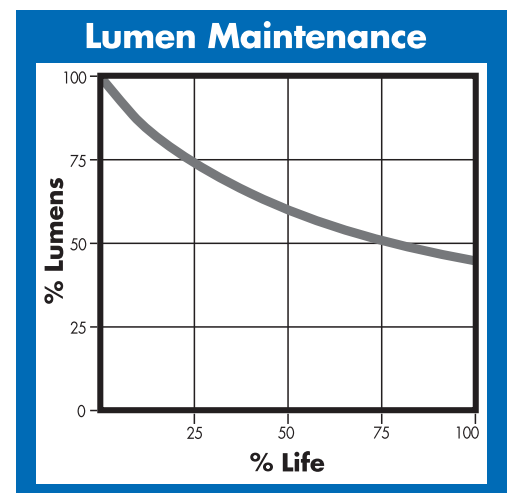
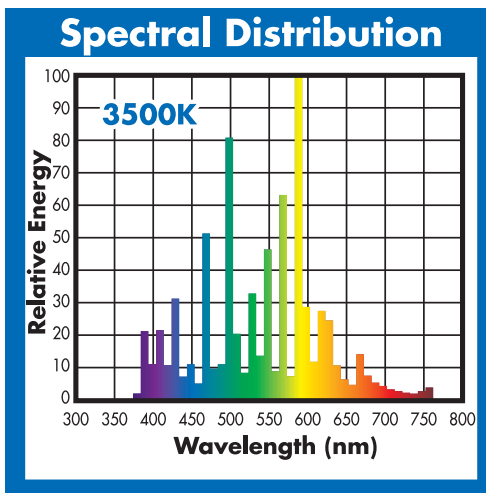
### NOTES

Lamp performance ratings published in this data sheet are based on operation with 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  $\pm 15^\circ$  (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 (EX39)



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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.

This Product is Recyclable Through  Smartpac<sup>®</sup>