

## MP 400W/BU/UVS/PS/EM/950

### GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M135, M155/0
Bulb Shape	ED37
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	30000 hours
Operating Position	Base Up $\pm 15^\circ$
Dimming	70% Rated Power

### ELECTRICAL

Lamp Watts	400
Lamp Oper. Voltage (Nom.)	135

### SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	36
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point
EISA 2007 Compliant	Yes

### NOTES

Lamp performance ratings published in this data sheet are based on operation with approved electronic ballasts. Performance of position-rated lamps outside of their tolerances will result in poor performance. Minimum Starting Temperature:  $-40^\circ\text{C}/^\circ\text{F}$ . UV Shield eliminates nearly all UV emissions, reducing color fading and lens yellowing. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio. \*\*LEED V3, MR CREDIT 4: Sustainable Purchasing - Reduced Mercury in Lamps is awarded 1 point for projects which at least 90% of all mercury-containing lamps purchased during the performance period comply and meet the target for mercury content of 90 picograms per lumen-hour or less.

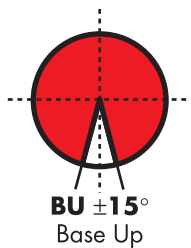
Natural White®

### PHOTOMETRIC

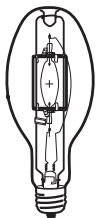
Initial Lumens	30500
Scotopic Lumens (S/P 2.1)	64000
Lumens Per Watt	76
Lamp Lumen Depreciation (LLD)	.90 (90%) @ 8000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI)	90+

### PHYSICAL

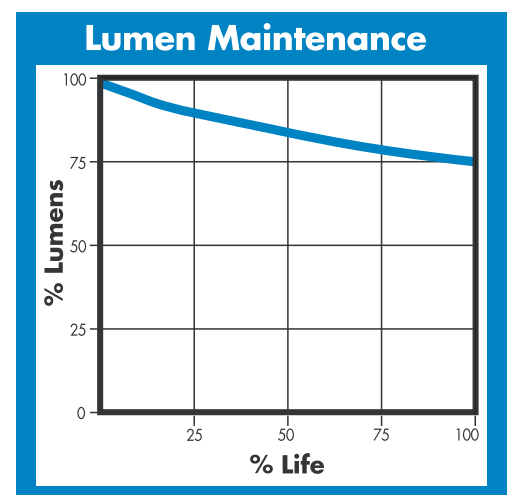
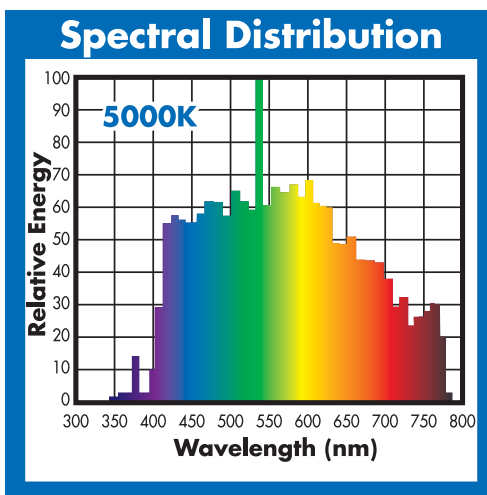
Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	43.9 mm
Max. Base Temperature ( $^\circ\text{C}$ )	210
Max. Bulb Temperature ( $^\circ\text{C}$ )	400
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated



ED37



Dia. = 4.6" (120mm)  
MOL = 11.5" (292mm)  
LCL = 7.0" (178mm)  
Base = Mogul (EX39)



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  
FOR RECYCLING PURPOSES

Revision: 9/12/2011 # 2633-3

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