

### MPI 400W/BU

#### GENERAL Characteristics

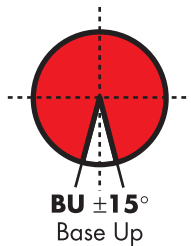
Lamp Type	Standard MH Single Ended
ANSI Code	M59/O
Bulb Shape	ED37
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	20000 hours
Operating Position	Base Up $\pm 15^\circ$
Dimming	50% Rated Power

#### PHOTOMETRIC

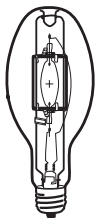
Initial Lumens	40000
Lumens Per Watt	100
Scotopic Lumens (S/P 1.7)	68000
Lamp Lumen Depreciation (LLD)	.65 (65%) @ 8000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI)	65

#### PHYSICAL

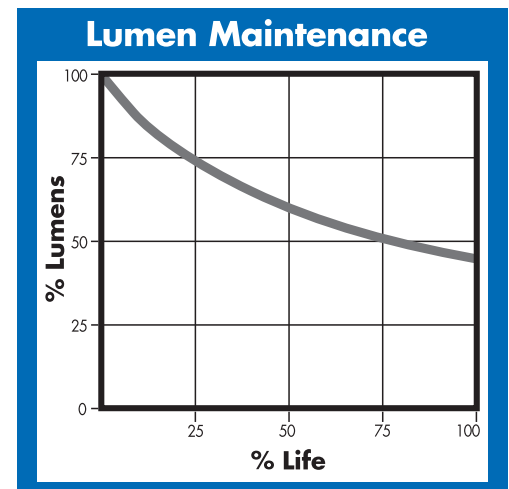
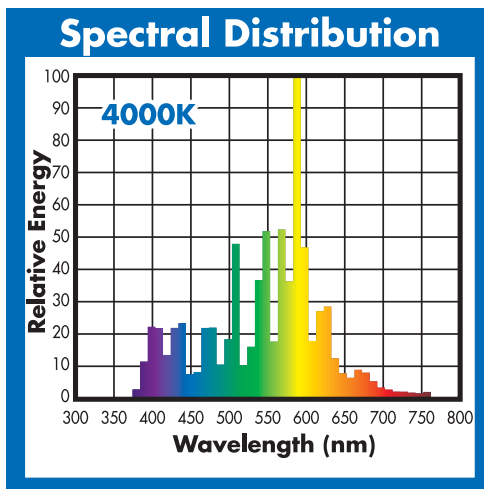
Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	43.9 mm
Max. Base Temperature ( $^\circ\text{C}$ )	210
Max. Bulb Temperature ( $^\circ\text{C}$ )	400
Socket Pulse Rating (KV)	-
Luminaire Type	Open / Enclosed Rated



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.

#### ELECTRICAL

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

#### 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 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.

This Product is Recyclable Through  Smartpac  
 THE RECYCLING EXPERT