

MS 1000W/V/LU/BT37

GENERAL Characteristics

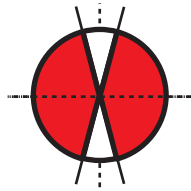
Lamp Type	Standard MH Single Ended
ANSI Code	S52/E Compatible
Bulb Shape	BT37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	15000 hours
Operating Position	Vertical $\pm 15^\circ$
Dimming	50% Rated Power

PHOTOMETRIC

Initial Lumens	110000
Scotopic Lumens (S/P 1.7)	187000
Lumens Per Watt	110
Lamp Lumen Depreciation (LLD)	.65 (65%) @ 6000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) or (Ra)	65

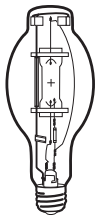
PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	81.0 mm
Max. Base Temperature ($^\circ\text{C}$)	250
Max. Bulb Temperature ($^\circ\text{C}$)	450
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated



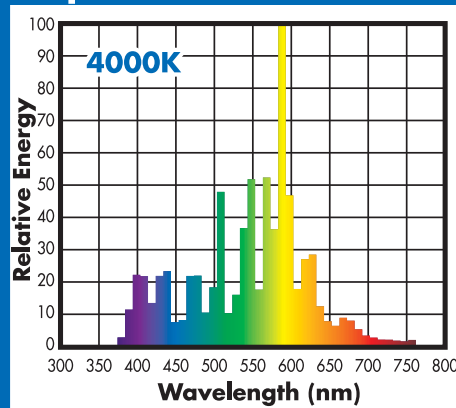
Vertical $\pm 15^\circ$

BT37

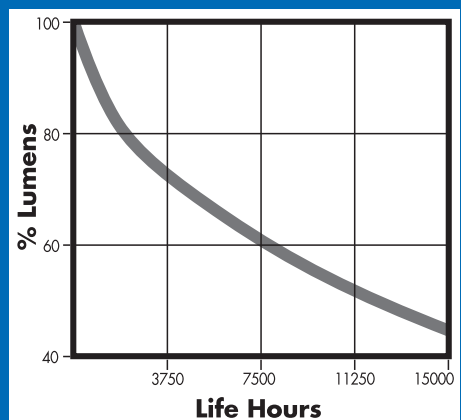


Dia. = 4.6" (120mm)
 MOL = 11.5" (292mm)
 LCL = 7.0" (178mm)
 Base = Mogul (E39)

Spectral Distribution



Lumen Maintenance



ELECTRICAL

Lamp Watts	1000
Lamp Oper. Voltage (Nom.)	-
Metal Halide Replacement for	LU 1000

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 $\pm 15^\circ$ (BU $\pm 15^\circ$) position. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.

Change Just the Lamp:

- Complete electrical compatibility with HPS systems
- Designed for photometric compatibility with HPS systems
- Clear and coated outer jacket options
- Shrouded open-rated lamps available in 250 and 400 watts
- Excellent color rendering