



MH 1000W/U/BT37

GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M47/E
Bulb Shape	BT37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life (V)	12000 hours
Rated Life (H)	9000 hours
Operating Position	Universal
Dimming	50% Rated Power

PHOTOMETRIC

Initial Lumens (V)	110000
Initial Lumens (H)	99000
Scotopic Lumens (S/P 1.7) (V)	187000
Scotopic Lumens (S/P 1.7) (H)	168000
Lamp Lumen Depreciation (LLD)	.65 (65%) @ 40% Rated Life
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	81.0 mm
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated

ELECTRICAL

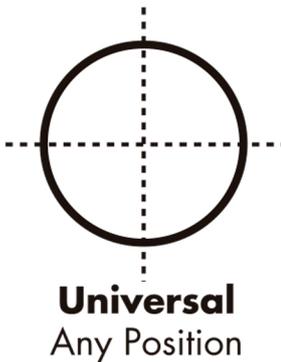
Lamp Watts	1000
Lamp Oper. Voltage (Nom.)	263

SUSTAINABILITY

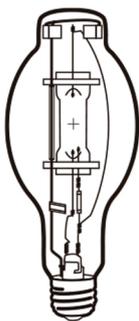
Recycling Program	Smartpac® 800-451-2606
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NOTES

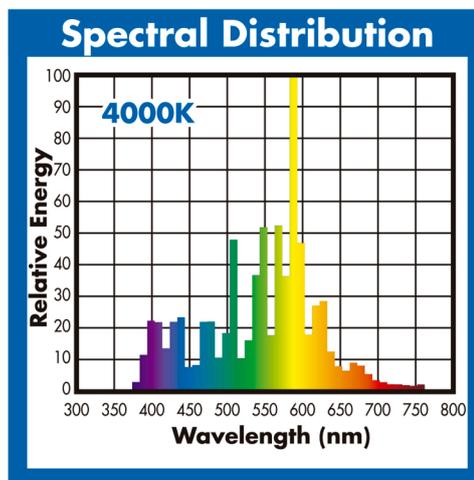
Lamp performance ratings published in this data sheet are based on operation with magnetic ballasts. Performance ratings of Universal lamps are based upon Vertical ($\pm 15^\circ$) operation. Dimming applicable only when lamp is installed in the Base Up $\pm 15^\circ$ (BU $\pm 15^\circ$) position. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.



BT37



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

