



MH 1500W/HBU

GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M48/E
Bulb Shape	BT56
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	3000 hours
Operating Position	Base Up $\pm 105^\circ$

ELECTRICAL

Lamp Watts	1500
Lamp Oper. Voltage (Nom.)	268
Dimming	

SUSTAINABILITY

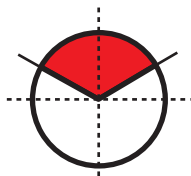
Mercury Amount (mg)	147.0
Picograms of Hg per Mean Lumen Hour	358

PHOTOMETRIC

Initial Lumens	161000
Lumens Per Watt	107
Lamp Lumen Depreciation (LLD)	0.85 (85%) @ 1200
Correlated Color Temperature	3400K
Chromaticity Coordinates (CIE-x,y)	.410 .385
Color Rendering Index (CRI) R_a	65

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Operation 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 (1.4).

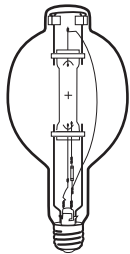


BU $\pm 105^\circ$
Base Up

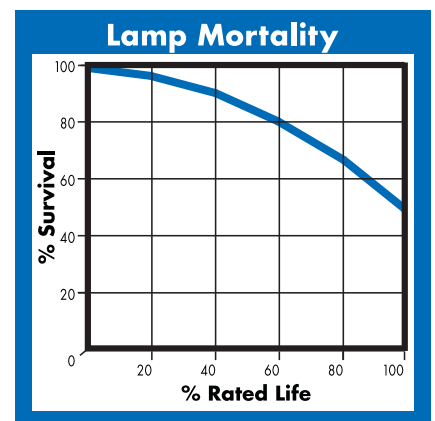
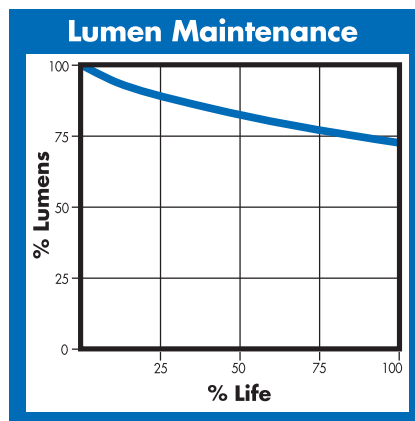
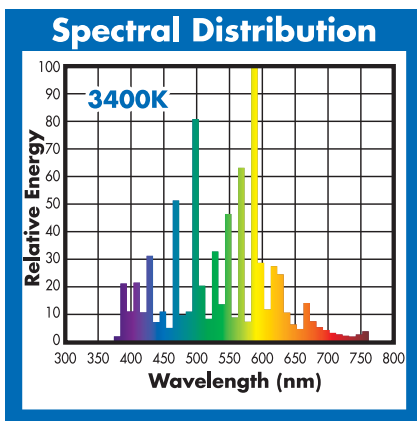
PHYSICAL

Bulb Diameter	7.0" (180mm)
Max. Overall Length (MOL)	15.3" (391mm)
Light Center Length (LCL)	9.5" (241mm)
Effective Arc Length	90.6 mm
Max. Base Temperature ($^\circ\text{C}$)	250
Max. Bulb Temperature ($^\circ\text{C}$)	430
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated

BT56



Dia. = 7.0" (180mm)
MOL = 15.3" (391mm)
LCL = 9.5" (241mm)
Base = Mogul (E39)



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THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30
Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives

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.