



MS 1650W/HOR/XP/SPORT 60

GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M112/E
Bulb Shape	BT56
Base Type	Mogul POMB (EP39)
Bulb Finish	Clear
Rated Life	3000 hours
Operating Position	Horizontal $\pm 60^\circ$
Dimming	N/A

PHOTOMETRIC

Initial Lumens	177000
Lumens Per Watt	107
Scotopic Lumens (S/P 1.4)	248000
Lamp Lumen Depreciation (LLD)	.82 (82%) @ 1200 hours
Correlated Color Temperature	3200K
Chromaticity Coordinates (CIE-x,y)	.420 .395
Color Rendering Index (CRI)	70

PHYSICAL

Bulb Diameter	7.0" (180mm)
Max. Overall Length (MOL)	15.3" (391mm)
Light Center Length (LCL)	9.5" (241mm)
Effective Arc Length	85.0 mm
Max. Base Temperature ($^\circ\text{C}$)	250
Max. Bulb Temperature ($^\circ\text{C}$)	430
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated

ELECTRICAL

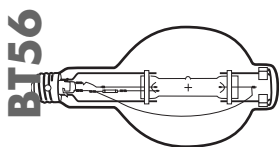
Lamp Watts	1650
Lamp Oper. Voltage (Nom.)	270

SUSTAINABILITY

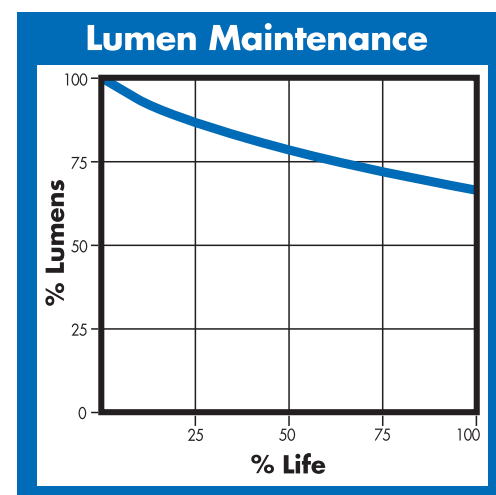
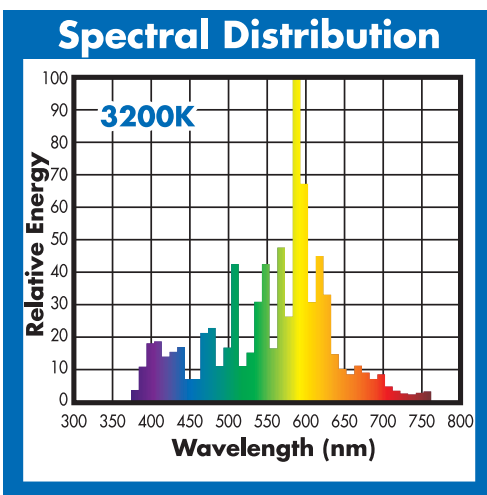
Recycling Program	Smartpac [®] 800-451-2606
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NOTES

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. Permitted rotation about axis $\pm 15^\circ$. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.



Dia. = 7.0" (180mm)
 MOL = 15.3" (391mm)
 LCL = 9.5" (241mm)
 Base = Mogul POMB (EP39)



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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[®]