

# 1000 Watt Pulse Start Lamp

# 49111 DATA SHEET



## MS 1000W/HOR/T25/PS/734 GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M141/E
Bulb Shape	T25
Base Type	Mogul POMB (EP39)
Bulb Finish	Clear
Rated Life	5000 hours
Operating Position	Horizontal $\pm 45^\circ$

## ELECTRICAL

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

## SUSTAINABILITY

Mercury Amount (mg)	149.4
Picograms of Hg per Mean Lumen Hour	388

## PHOTOMETRIC

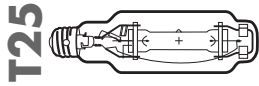
Initial Lumens	110000
Lumens Per Watt	110
Lamp Lumen Depreciation (LLD)	0.70 (70%) @ 2000
Correlated Color Temperature	3400K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) $R_a$	68

## PHYSICAL

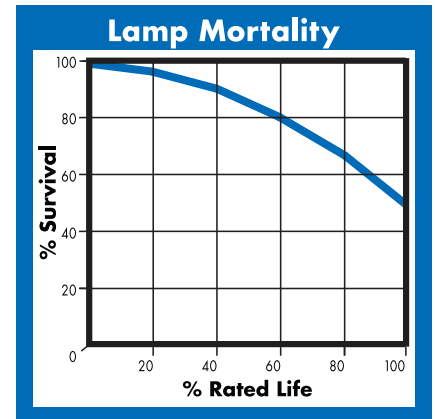
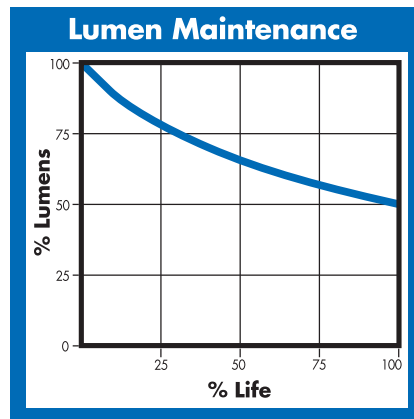
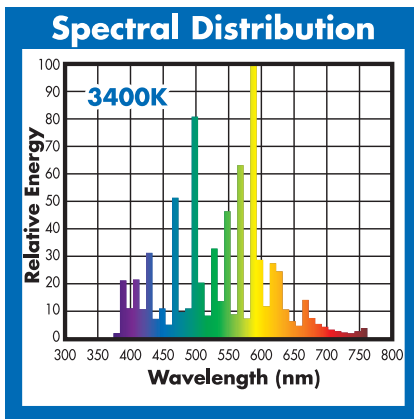
Bulb Diameter	3.1" (76mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	77.0 mm
Max. Base Temperature ( $^\circ\text{C}$ )	250
Max. Bulb Temperature ( $^\circ\text{C}$ )	525
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

## 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.
- Permitted rotation about axis  $\pm 15^\circ$ .
- Minimum Starting Temperature:  $-40^\circ\text{C}/^\circ\text{F}$ .
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.4).



Dia. = 3.1" (76mm)  
 MOL = 11.5" (292mm)  
 LCL = 7.0" (178mm)  
 Base = Mogul POMB (EP39)



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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.