1000 Watt Probe Start Lamp

78952
DATA SHEET

VENTURE LIGHTING

MS 1000W/BU/T25
GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M47/E
Bulb Shape	T25
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	5000 hours
Operating Position	Base Up ±15°

PHOTOMETRIC

Initial Lumens	110000
Lumens Per Watt	110
Lamp Lumen Depreciation (LLD)	0.60 (60%) @ 2000
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	65

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 (°C)	250
Max. Bulb Temperature (°C)	525
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated

ELECTRICAL

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

SUSTAINABILITY

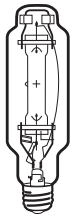|	
Mercury Amount (mg)	151.0
Picograms of Hg per Mean Lumen Hour	458

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 ±15° (BU±15°) position.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).

BU ±15°
Base Up
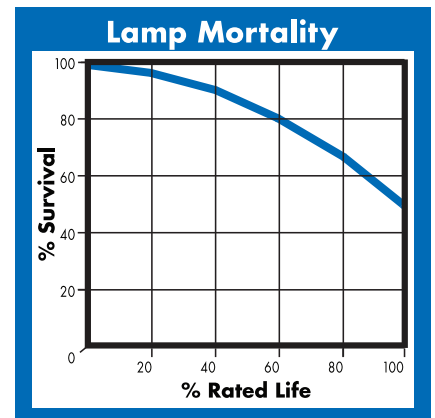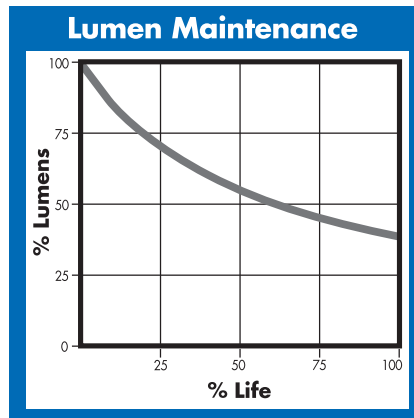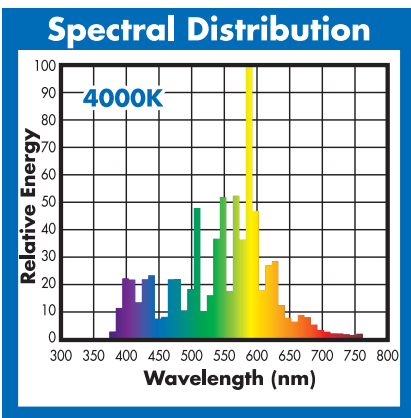
T25

Dia. = 3.1" (76mm)
MOL = 11.5" (292mm)
LCL = 7.0" (178mm)
Base = Mogul (E39)

Spectral Distribution
4000K

Lumen Maintenance

Lamp Mortality

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.

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