

750 Watt Pulse Start Lamp

70519 DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

MS 750W/BU/BT37/PS/740

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M149/E
Bulb Shape	BT37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	15000 hours
Operating Position	Base Up $\pm 15^\circ$

ELECTRICAL

Lamp Watts	750
Lamp Oper. Voltage (Nom.)	200

SUSTAINABILITY

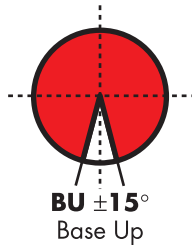
Mercury Amount (mg)	100.0
Picograms of Hg per Mean Lumen Hour	115

PHOTOMETRIC

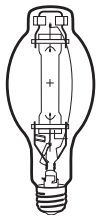
Initial Lumens	82500
Lumens Per Watt	110
Lamp Lumen Depreciation (LLD)	0.70 (70%) @ 6000
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	68

PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	62.5mm
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	430
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated



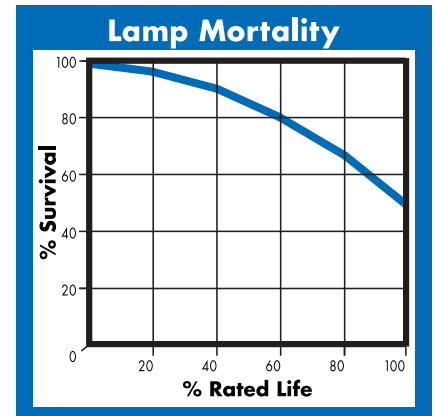
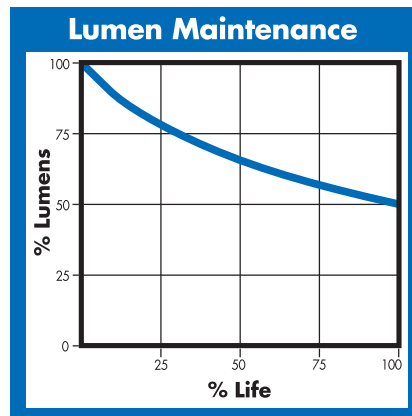
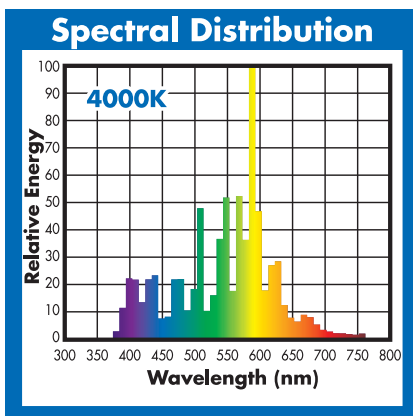
BT37



Dia. = 4.6" (120mm)
MOL = 11.5" (292mm)
LCL = 7.0" (178mm)
Base = Mogul (E39)

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.
- Minimum Starting Temperature: $-40^\circ\text{C}/^\circ\text{F}$.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).



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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.