

575 Watt Pulse Start Lamp

HIGH CRI AND HIGH CCT UNIFORM PULSE START METAL HALIDE LIGHTING SYSTEMS

95577

DATA SHEET



VENTURE
LIGHTING

Natural White

MS 575W/H75/BT37/PS/EM/950

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M178/E
Bulb Shape	BT37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	20000 hours
Operating Position	Horizontal $\pm 75^\circ$
Dimming	70% Rated Power

PHOTOMETRIC

Initial Lumens	45000
Scotopic Lumens (S/P 2.1)	94500
Lumens Per Watt	82
Lamp Lumen Depreciation (LLD)	.90 (90%) @ 8000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI)	90+

PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	42.2mm
Max. Base Temperature ($^\circ\text{C}$)	230
Max. Bulb Temperature ($^\circ\text{C}$)	450
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

ELECTRICAL

Lamp Watts	550
Lamp Oper. Voltage (Nom.)	135
Energy Saving Replacement for Watts Saved	

SUSTAINABILITY

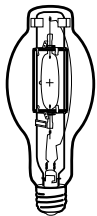
Recycling Program	Smartpac [®] 800-451-2606
Picograms Hg per Mean Lumen Hour	27
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point

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. Minimum Starting Temperature: $-40^\circ\text{C}/^\circ\text{F}$. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio. **LEED V3, MR CREDIT 4: Sustainable Purchasing - Reduced Mercury in Lamps is awarded 1 point for projects which at least 90% of all mercury-containing lamps purchased during the performance period comply and meet the target for mercury content of 90 picograms per lumen-hour or less.



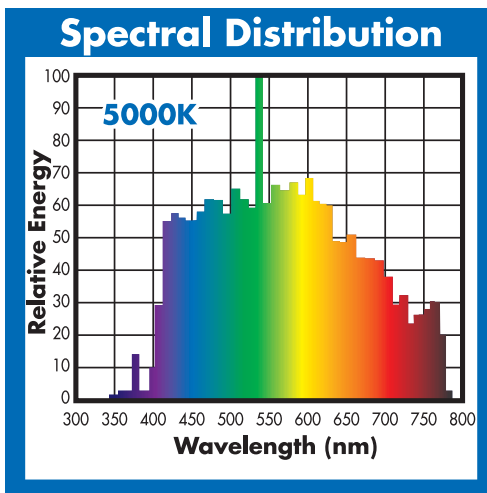
BT37



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

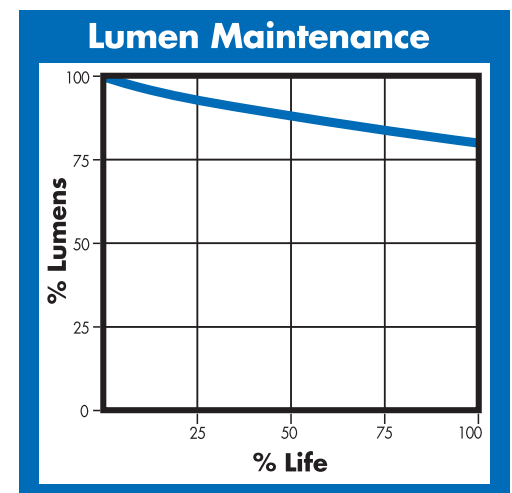
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THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30

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

Revision: 08/20/14 #2898-3