

# 775 Watt Pulse Start Lamp

# 24983 DATA SHEET



## MP 775W/BU/BT37/PS/950

### GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M181/O
Bulb Shape	BT37
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	26000 hours
Operating Position	Base Up $\pm 15^\circ$
Dimming	70% Rated Power

### ELECTRICAL

Lamp Watts	775
Lamp Oper. Voltage (Nom.)	220

### SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	46
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point

### PHOTOMETRIC

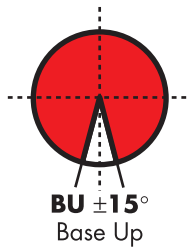
Initial Lumens	66000
Scotopic Lumens (S/P 2.1)	138500
Lumens Per Watt	85
Lamp Lumen Depreciation (LLD)	.90 (90%) @ 8000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI)	90+

### NOTES

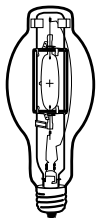
Lamp performance ratings published in this data sheet are based on operation with magnetic ballasts. Performance of position-rated lamps outside of their tolerances will result in poor performance. Minimum Starting Temperature:  $-40^\circ\text{C}/^\circ\text{F}$ . To calculate nighttime Scotopic lumens, 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.

### PHYSICAL

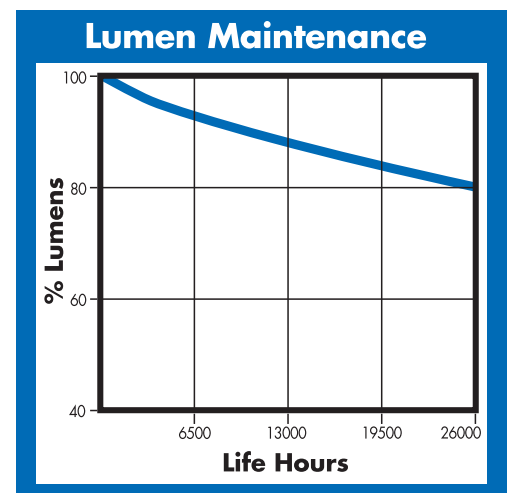
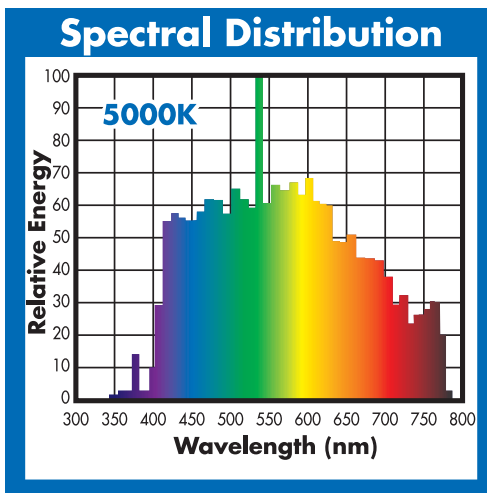
Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	64.5 mm
Max. Base Temperature ( $^\circ\text{C}$ )	250
Max. Bulb Temperature ( $^\circ\text{C}$ )	450
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated



**BT37**



Dia. = 4.6" (120mm)  
MOL = 11.5" (292mm)  
LCL = 7.0" (178mm)  
Base = Mogul (EX39)



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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  
THE RECYCLING RESOURCE