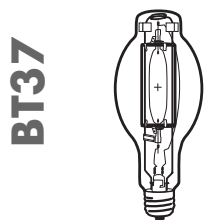




Natural White®



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

## MS 775W/H75/BT37/PS/950

### GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M181/E (M166/E Comp.)
Bulb Shape	BT37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	15000 hours
Operating Position	Horizontal ±75°

### PHOTOMETRIC

Initial Lumens	60000
Lumens Per Watt	77
Lamp Lumen Depreciation (LLD)	0.90 (90%) @ 6000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI) $R_a$	90+

### PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	72.8mm
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

### ELECTRICAL

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

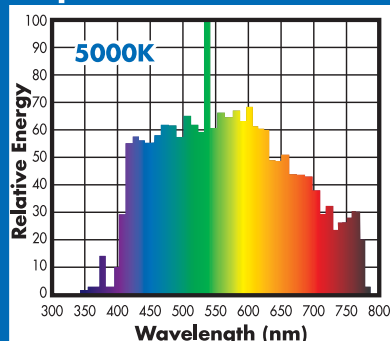
### SUSTAINABILITY

Mercury Amount (mg)	48.0
Picograms of Hg per Mean Lumen Hour	59

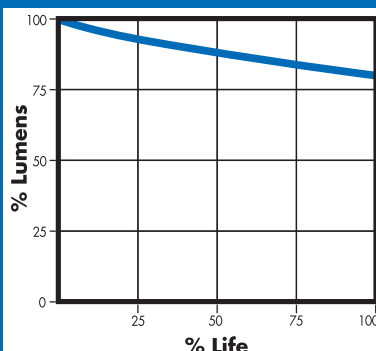
### NOTES

- 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°C/°F.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (2.1).

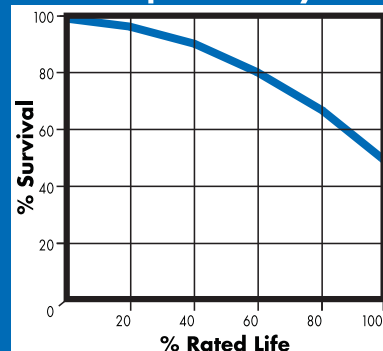
### Spectral Distribution



### Lumen Maintenance



### Lamp Mortality



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**VentureLighting.com**

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.