VENTURE LIGHTING
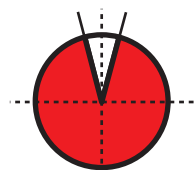
UNI-FORM®
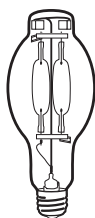PULSE START METAL HALIDE LIGHTING SYSTEMS

SUPER PULSE START
Long Life (SPL)
Extended Life Lamps

BD ±15°
Base Down

BT37

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

MHL 575W/BD/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	40000 hours
Operating Position	Base Down ±15°

PHOTOMETRIC

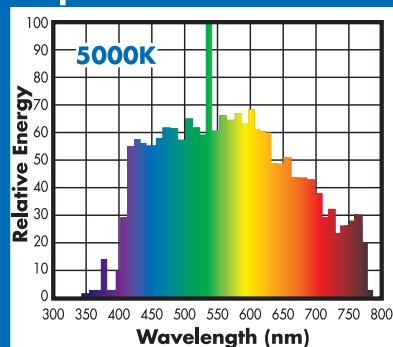|	
Initial Lumens	45000
Lumens Per Watt	82
Lamp Lumen Depreciation (LLD)	0.90 (90%) @ 16000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI) R_a	90+

PHYSICAL

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

ELECTRICAL

Lamp Watts	550
Lamp Oper. Voltage (Nom.)	135

SUSTAINABILITY

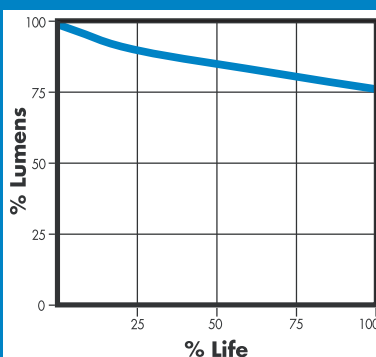|	
Mercury Amount (mg)	56.0
Picograms of Hg per Mean Lumen Hour	35

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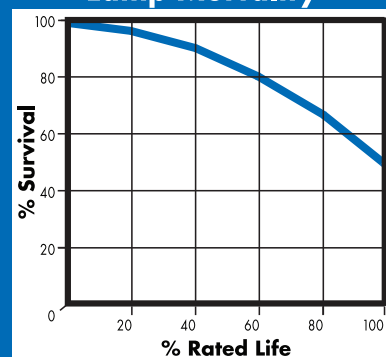- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (2.1).

Spectral Distribution

5000K
Relative Energy / Wavelength (nm)

Lumen Maintenance

% Lumens / % Life

Lamp Mortality

% Survival / % Rated Life

(800) 451-2606
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Solon, Ohio 44139 USA
E-mail: Venture_Lighting@VentureLighting.com
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.

Revision: 03/12/2020   #3194-3

VLI-0992SS11-0822