400 Watt Pulse Start Lamp

UNIFORM® Pulse Start Metal Halide Lighting Systems

15619
DATA SHEET

VENTURE® LIGHTING

UNI-FORM®
PULSE START METAL HALIDE LIGHTING SYSTEMS

SUPER PULSE START
Long Life (SPL)
Extended Life Lamps

HOR ±75°
Horizontal
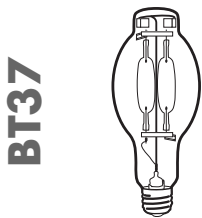
BT37

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

MHL 400W/H75/BT37/PS/740

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M135, M155/E
Bulb Shape	BT37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	40000 hours
Operating Position	Horizontal ±75°

### PHOTOMETRIC

Initial Lumens	40000
Lumens Per Watt	100
Lamp Lumen Depreciation (LLD)	0.80 (80%) @ 16000 hours
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	43.9mm
Max. Base Temperature (°C)	230
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

ELECTRICAL

Lamp Watts	400
Lamp Oper. Voltage (Nom.)	135

SUSTAINABILITY

Mercury Amount (mg)	78.0
Picograms of Hg per Mean Lumen Hour	61

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 (1.7).

Spectral Distribution

Lumen Maintenance

Lamp Mortality
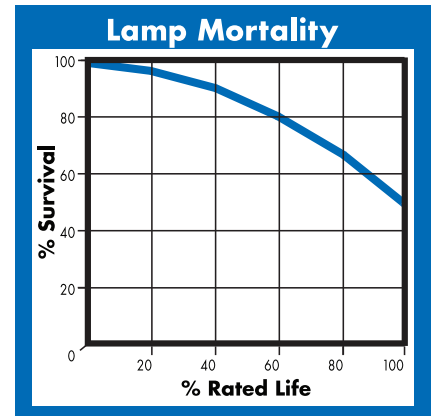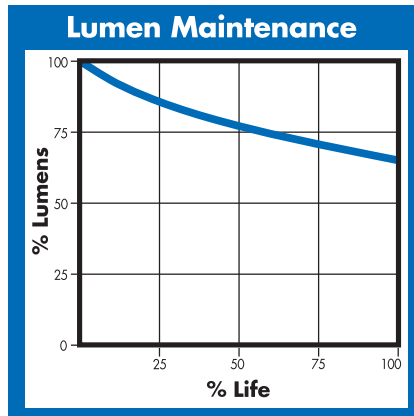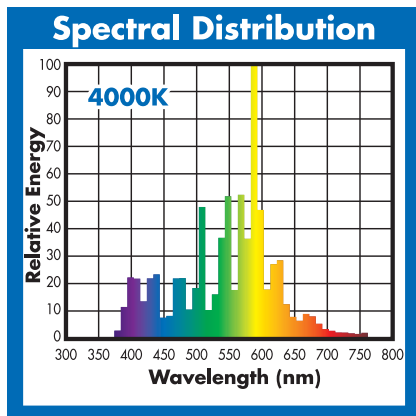
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E-mail: Venture_Lighting@VentureLighting.com
VentureLighting.com

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.

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