400 Watt Probe Start Lamp

Standard Probe Start Metal Halide Lighting Systems

28715
DATA SHEET

VENTURE LIGHTING®

MPI 400W/U
GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M59/O
Bulb Shape	ED37
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life (V)	20000 hours
Rated Life (H)	15000 hours
Operating Position	Universal

Universal
Any Position

ED37

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

PHOTOMETRIC

Initial Lumens / LPW (V)	40000 / 100
Initial Lumens / LPW (H)	36000 / 90
Lamp Lumen Depreciation (LLD)	0.65 (65%) @ 8000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	65

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)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	-
Luminaire Type	Open / Enclosed Rated

ELECTRICAL

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

SUSTAINABILITY

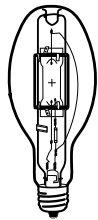|	
Mercury Amount (mg)	42.0
Picograms of Hg per Mean Lumen Hour (V)	81

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Nominal color temperature rating is based on Vertical (±15°) operation of the lamp. Off-vertical positions will result in higher color temperature.
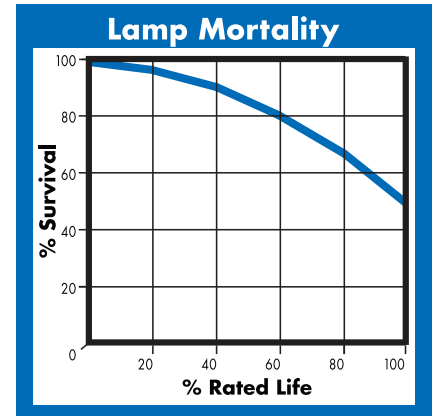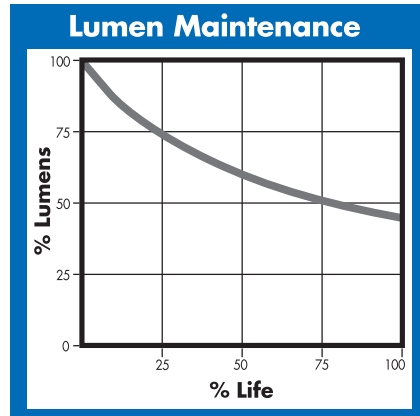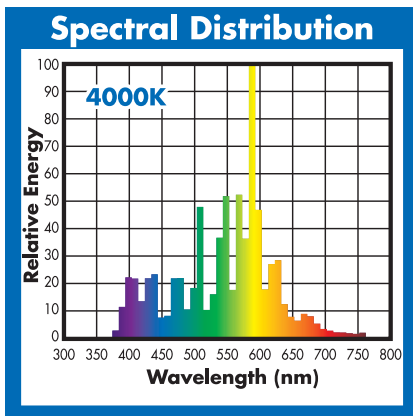- Product may contribute towards satisfying MR-Credit 4 under LEED.

Spectral Distribution

4000K

Lumen Maintenance

Lamp Mortality

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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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