400 Watt Pulse Start Lamp

UNI-FORM Pulse Start Metal Halide Lighting Systems

47815

DATA SHEET

VENTURE LIGHTING®

UNI-FORM®
PULSE START METAL HALIDE LIGHTING SYSTEMS

MH 400W/C/U/ED28/PS/737

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M135, M155/E
Bulb Shape	ED28
Base Type	Mogul (E39)
Bulb Finish	Coated
Rated Life (V)	30000 hours
Rated Life (H)	22500 hours
Operating Position	Universal
Dimming	50% Rated Power Rated

PHOTOMETRIC

Initial Lumens (V)	42000
Initial Lumens (H)	38000
Lamp Lumen Depreciation (LLD)	.86 (86%) @ 8000 hours
Correlated Color Temperature	3700K
Chromaticity Coordinates (CIE-x,y)	.395 .390
Color Rendering Index (CRI)	70

PHYSICAL

Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	N/A
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

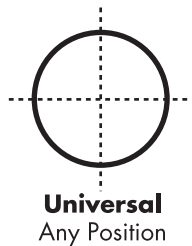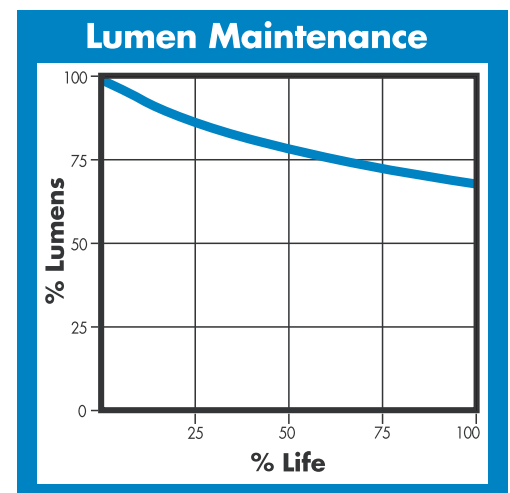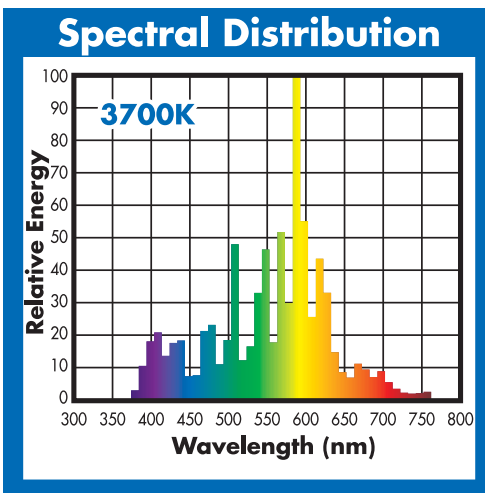|	
Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	39
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point
EISA 2007 Compliant	Yes

NOTES

Lamp performance ratings published in this data sheet are based upon operation with approved electronic ballasts. Operation of position-rated lamps outside of their tolerances will result in poor performance. Nominal color temperature rating is based on vertical (±15°) operation of the lamp. Off vertical positions will result in higher color temperature. Minimum Starting Temperature: -40°C/°F.

Universal
Any Position

ED28

Dia. = 3.5" (90mm)
MOL = 8.3" (211mm)
LCL = 5.0" (127mm)
Base = Mogul (E39)

Spectral Distribution

3700K

Relative Energy vs. Wavelength (nm)

Lumen Maintenance

% Lumens vs. % Life

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**

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