100 Watt Pulse Start Lamp

UNI-FORM® Pulse Start Metal Halide Lighting Systems

46484

DATA SHEET

VENTURE® LIGHTING

UNI-FORM® PULSE START METAL HALIDE LIGHTING SYSTEMS

SUPER PULSE START

Long Life *(SPL)*

Extended Life Lamps

MHL 100W/U/ED23.5/PS/740

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M90/E
Bulb Shape	ED23.5
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	40000 hours
Operating Position	Universal
Dimming	50% Rated Power

ELECTRICAL

Lamp Watts	100
Lamp Oper. Voltage (Nom.)	100

SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606

PHOTOMETRIC

Initial Lumens	9000
Scotopic Lumens (S/P 1.7)	15300
Lumens Per Watt	90
Lamp Lumen Depreciation (LLD)	.80 (80%) @ 16000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI)	68

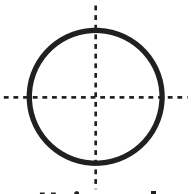
NOTES

Lamp performance ratings published in this data sheet are based on operation with approved electronic ballasts. Performance ratings of Universal lamps are based upon vertical (±15°) operation. Minimum Starting Temperature: -40°C/°F. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.

PHYSICAL

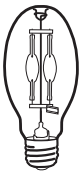
Bulb Diameter	3.0" (76mm)
Max. Overall Length (MOL)	7.5" (190mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	12.7mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

Patent Pending



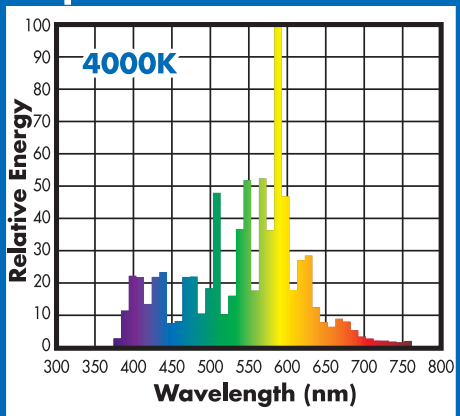
Universal
Any Position

ED23.5

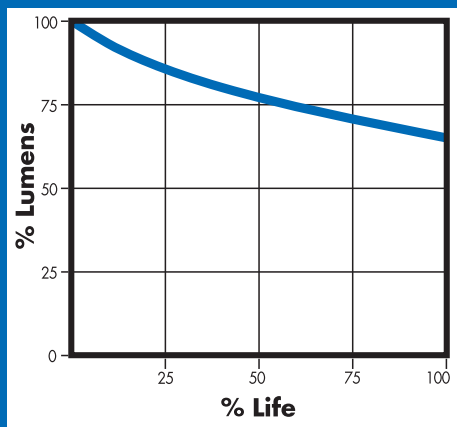


Dia. = 3.0" (76mm)
MOL = 7.5" (190mm)
LCL = 5.0" (127mm)
Base = Mogul (E39)

Spectral Distribution



Lumen Maintenance



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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