

350/400 Watt Pulse Start Lamp 23589

UNIFORM PULSE START METAL HALIDE LIGHTING SYSTEMS

DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

MP 350W/400W/U/PS/740

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code ¹	M131/O, M155/O (M135 Comp)
Bulb Shape	ED37
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life (V)	20000 hours
Rated Life (H)	15000 hours
Operating Position	Universal

ELECTRICAL

Lamp Watts	350/400
Lamp Oper. Voltage (Nom.)	135

SUSTAINABILITY

Mercury Amount (mg)	41.0
Picograms of Hg per Mean Lumen Hour (V)	58

PHOTOMETRIC

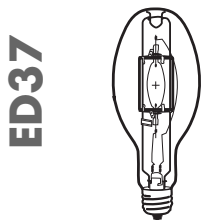
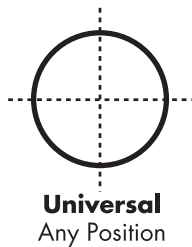
Initial Lumens / LPW (V) ²	41000 / 103
Initial Lumens / LPW (H) ³	36900 / 92
Lamp Lumen Depreciation (LLD)	0.86 (86%) @ 8000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	68

PHYSICAL

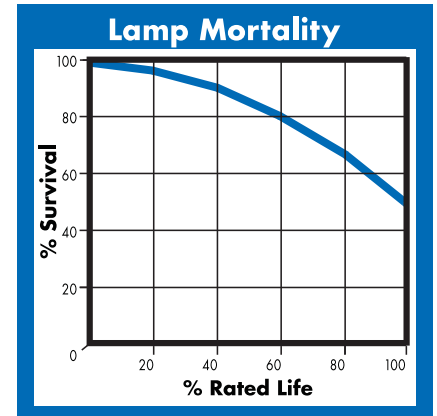
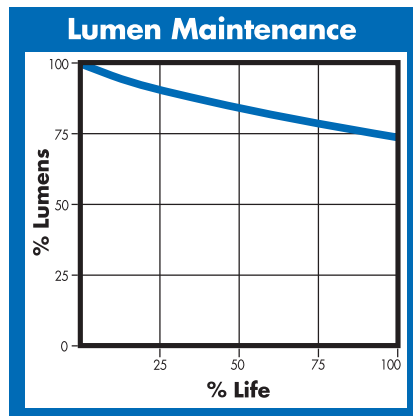
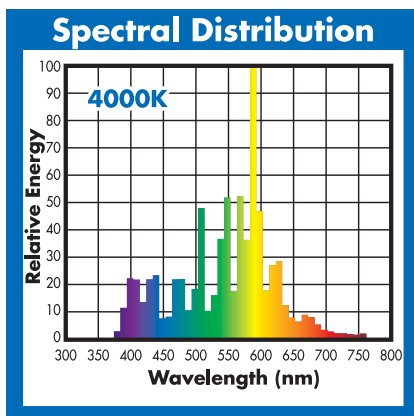
Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	37.2mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with approved 400W electronic ballasts.
- Nominal color temperature rating is based on Vertical ($\pm 15^\circ$) operation of the lamp. Off-vertical positions will result in higher color temperature.
- Minimum Starting Temperature: $-40^\circ\text{C}/^\circ\text{F}$.
- Product may contribute towards satisfying MR-Credit 4 under LEED.
- ¹ Lamp can be operated on 350W or 400W ballast.
- ² When operated on 350W ballast, Initial Lumens / LPW (V): 35000 / 100
- ³ When operated on 350W ballast, Initial Lumens / LPW (H): 31500 / 90



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



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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.