

350 Watt Pulse Start Lamp

55401 DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

MP 350W/C/V/ED28/PS/737

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M131/O
Bulb Shape	ED28
Base Type	Mogul (EX39)
Bulb Finish	Coated
Rated Life	30000 hours
Operating Position	Vertical $\pm 15^\circ$

ELECTRICAL

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

SUSTAINABILITY

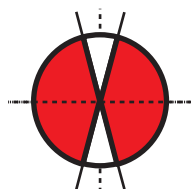
Mercury Amount (mg)	40.3
Picograms of Hg per Mean Lumen Hour	47

PHOTOMETRIC

Initial Lumens	33000
Lumens Per Watt	94
Lamp Lumen Depreciation (LLD)	0.86 (86%) @ 8000
Correlated Color Temperature	3700K
Chromaticity Coordinates (CIE-x,y)	.395 .390
Color Rendering Index (CRI) R_a	70

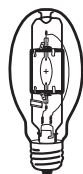
PHYSICAL

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 ($^\circ\text{C}$)	230
Max. Bulb Temperature ($^\circ\text{C}$)	450
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated



Vertical $\pm 15^\circ$

ED28

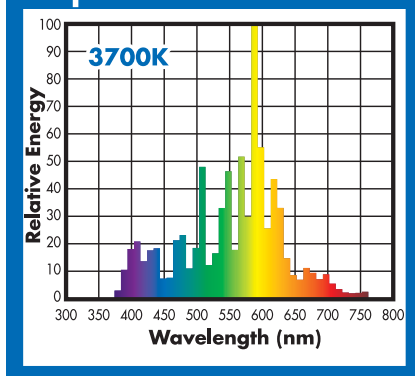


Dia. = 3.5" (90mm)
MOL = 8.3" (211mm)
LCL = 5.0" (127mm)
Base = Mogul (EX39)

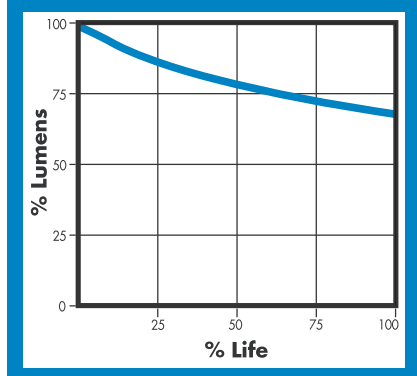
NOTES

- 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.
- Minimum Starting Temperature: $-40^\circ\text{C}/^\circ\text{F}$.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).

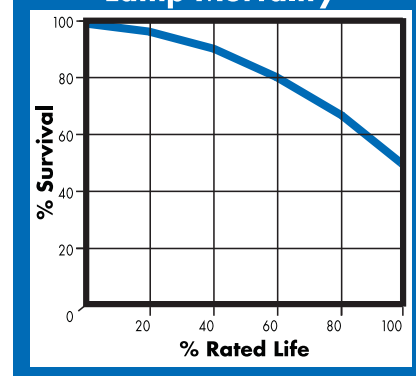
Spectral Distribution



Lumen Maintenance



Lamp Mortality



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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.