

320 Watt Pulse Start Lamp

30578 DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

SUPER PULSE START
Long Life (SPL)
Extended Life Lamps

MPL 320W/C/BU/T25/PS/737

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M132, M154/0
Bulb Shape	T25
Base Type	Mogul (EX39)
Bulb Finish	Coated
Rated Life	40000 hours
Operating Position	Base Up $\pm 15^\circ$
Dimming	50% Rated Power

PHOTOMETRIC

Initial Lumens	27500
Scotopic Lumens (S/P 1.7)	46800
Lumens Per Watt	86
Lamp Lumen Depreciation (LLD)	.86 (86%) @ 16000 hours
Correlated Color Temperature	3700K
Chromaticity Coordinates (CIE-x,y)	.395 .390
Color Rendering Index (CRI)	70

PHYSICAL

Bulb Diameter	3.1" (76mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	N/A
Max. Base Temperature ($^\circ\text{C}$)	230
Max. Bulb Temperature ($^\circ\text{C}$)	525
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated

ELECTRICAL

Lamp Watts	320
Lamp Oper. Voltage (Nom.)	135

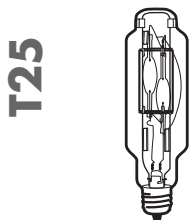
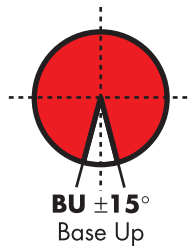
SUSTAINABILITY

Picograms Hg per Mean Lumen Hour	66
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point
EISA 2007 Compliant	Yes

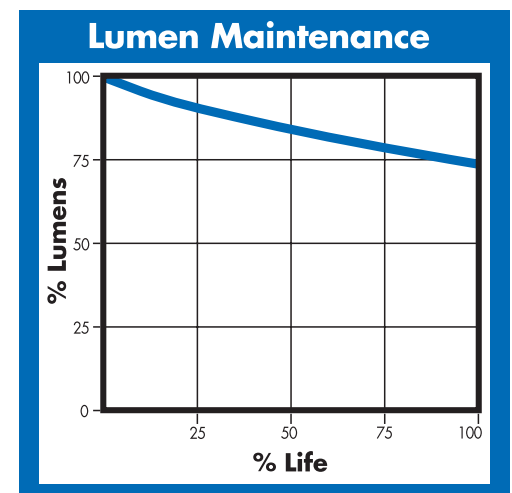
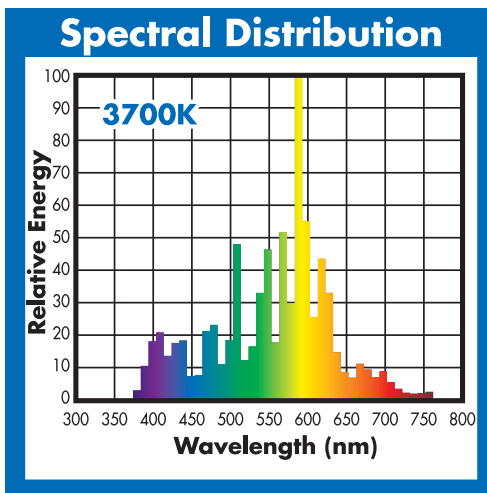
NOTES

Lamp performance ratings published in this data sheet are based on operation with approved electronic ballasts. Performance 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. **LEED V3, MR CREDIT 4: Sustainable Purchasing - Reduced Mercury in Lamps is awarded 1 point for projects which at least 90% of all mercury-containing lamps purchased during the performance period comply and meet the target for mercury content of 90 picograms per lumen-hour or less.

Patent Pending



Dia. = 3.1" (76mm)
MOL = 11.5" (292mm)
LCL = 7.0" (178mm)
Base = Mogul (EX39)



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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