

320 Watt Pulse Start Lamp

98520 DATA SHEET



Natural White®

MP 320W/BU/ED37/UVS/PS/EM/950

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M132, M154/O
Bulb Shape	ED37
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	26000 hours
Operating Position	Base Up ±15°
Dimming	70% Rated Power

PHOTOMETRIC

Initial Lumens	22500
Scotopic Lumens (S/P 2.1)	47000
Lumens Per Watt	76
Lamp Lumen Depreciation (LLD)	.90 (90%) @ 8000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI)	90+

PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	25.0 mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated

ELECTRICAL

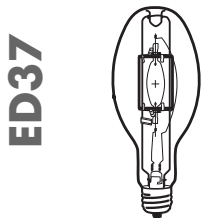
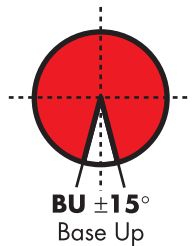
Lamp Watts	295
Lamp Oper. Voltage (Nom.)	135
Energy Saving Replacement for	320W/PS
Watts Saved	25

SUSTAINABILITY

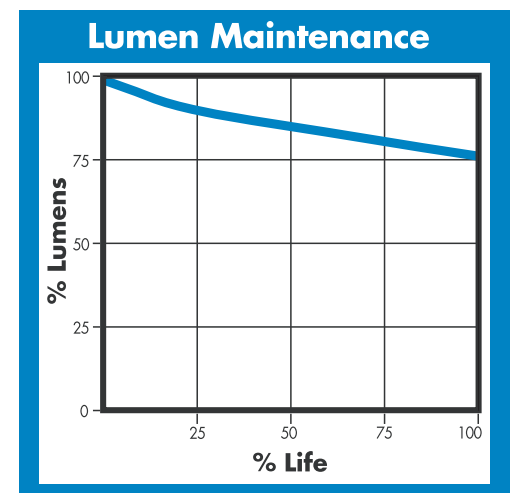
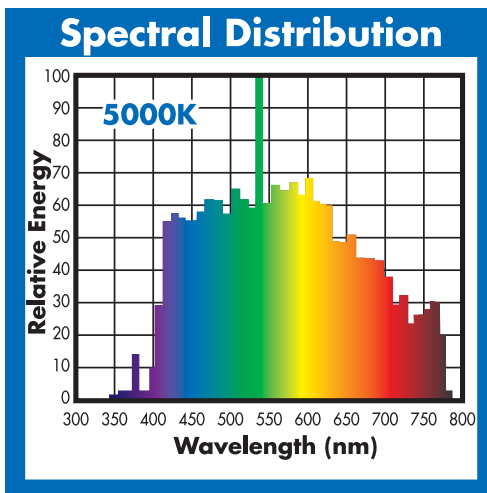
Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	31
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point
EISA 2007 Compliant	Yes

NOTES

Lamp performance ratings published in this data sheet are based on operation with magnetic ballasts. Performance of position-rated lamps outside of their tolerances will result in poor performance. Minimum Starting Temperature: -40°C/°F. UV Shield eliminates nearly all UV emissions, reducing color fading and lens yellowing. 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.



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

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
FOR RECYCLING PURPOSES

Revision: 08/21/2014 #2629-13