

100 Watt Pulse Start Lamp

95100 DATA SHEET



MP 100W/U/UVS/PS/EM/950

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M90/O
Bulb Shape	EDX17
Base Type	Medium (E26)
Bulb Finish	Clear
Rated Life	20000 hours
Operating Position	Universal
Dimming	70% Rated Power

ELECTRICAL

Lamp Watts	100
Lamp Oper. Voltage (Nom.)	90

SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	36
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point

PHOTOMETRIC

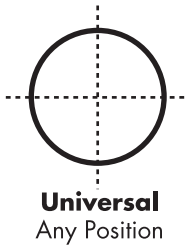
Initial Lumens	7000
Scotopic Lumens (S/P 2.1)	14700
Lumens Per Watt	70
Lamp Lumen Depreciation (LLD)	.90 (90%) @ 8000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI)	90+

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 ($\pm 15^\circ$) operation. Minimum Starting Temperature: $-40^\circ\text{C}/^\circ\text{F}$. 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.

PHYSICAL

Bulb Diameter	2.1" (54mm)
Max. Overall Length (MOL)	5.4" (138mm)
Light Center Length (LCL)	3.4" (86mm)
Effective Arc Length	12.0mm
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	450
Socket Pulse Rating (KV)	4.5
Luminaire Type	Open / Enclosed Rated



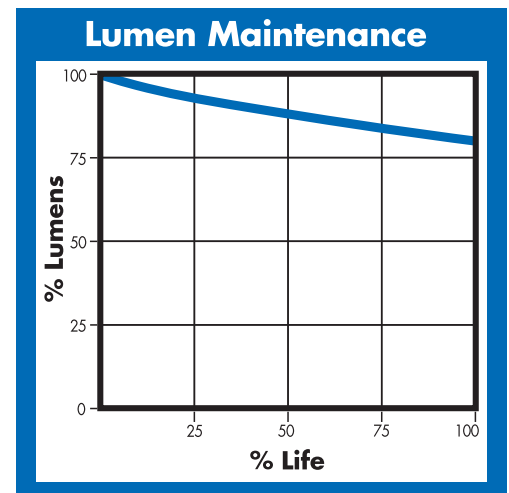
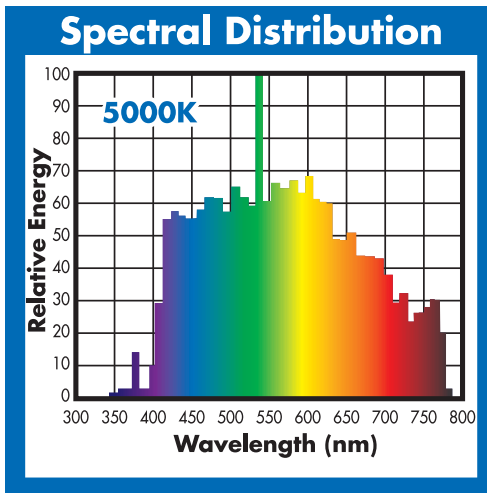
EDX17



Dia. = 2.1" (54mm)
MOL = 5.4" (138mm)
LCL = 3.4" (86mm)
Base = Medium (E26)

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or (440) 248-3510

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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 PURPOSE

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