

100 Watt Pulse Start Lamp

22145

DATA SHEET



MP 100W/C/U/ED28/UVS/PS/3K

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M90/O
Bulb Shape	ED28
Base Type	Mogul (EX39)
Bulb Finish	Coated
Rated Life	15000 hours
Operating Position	Universal
Dimming	50% Rated Power

ELECTRICAL

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

SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
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PHOTOMETRIC

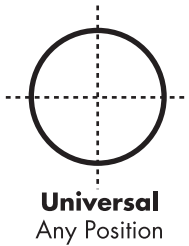
Initial Lumens	8100
Scotopic Lumens (S/P 1.4)	11300
Lumens Per Watt	81
Lamp Lumen Depreciation (LLD)	.65 (65%) @ 6000 hours
Correlated Color Temperature	3200K
Chromaticity Coordinates (CIE-x,y)	.420 .395
Color Rendering Index (CRI)	70

NOTES

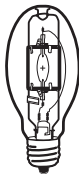
Lamp performance ratings published in this data sheet are based on operation with magnetic ballasts. Performance ratings of Universal lamps are based upon Vertical ($\pm 15^\circ$) operation. Minimum Starting Temperature: $-40^\circ\text{C}/^\circ\text{F}$. UV Shield eliminates nearly all UV emissions, reducing color fading and lens yellowing. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.

PHYSICAL

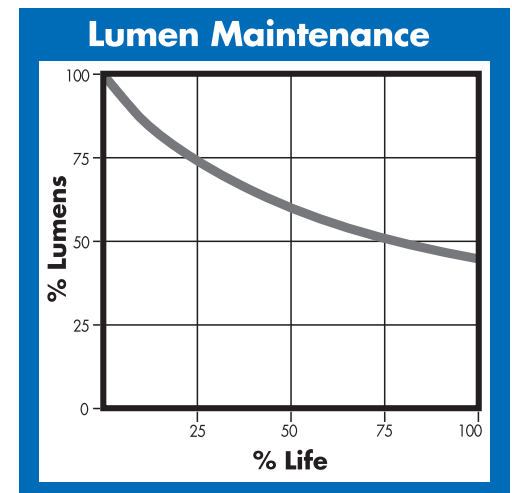
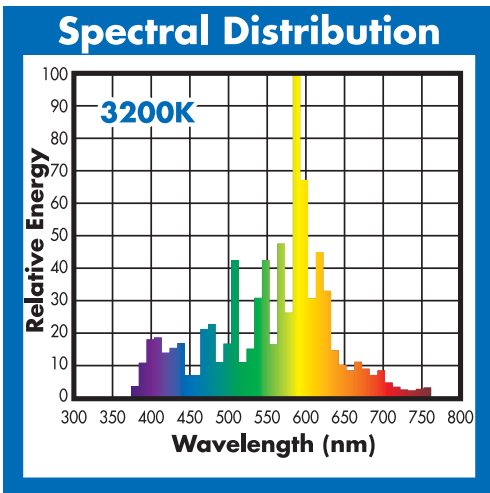
Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	N/A
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated



ED28



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



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