

# 150 Watt Pulse Start Lamp

# 95153

## DATA SHEET



Natural White®

## MP 150W/C/U/ED28/PS/EM/950

### GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M102/O
Bulb Shape	ED28
Base Type	Mogul (EX39)
Bulb Finish	Coated
Rated Life	20000 hours
Operating Position	Universal

### ELECTRICAL

Lamp Watts	150
Lamp Oper. Voltage (Nom.)	95

### PHOTOMETRIC

Initial Lumens	10500
Lumens Per Watt	70
Lamp Lumen Depreciation (LLD)	0.90 (90%) @ 8000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI) $R_a$	90+

### SUSTAINABILITY

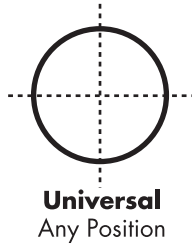
Mercury Amount (mg)	4.8
Picograms of Hg per Mean Lumen Hour	25

### PHYSICAL

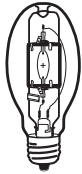
Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	N/A
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	4.5
Luminaire Type	Open / Enclosed Rated

### NOTES

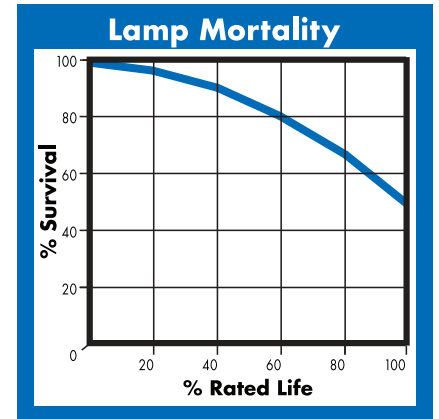
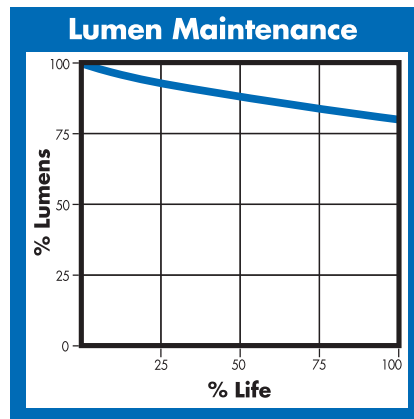
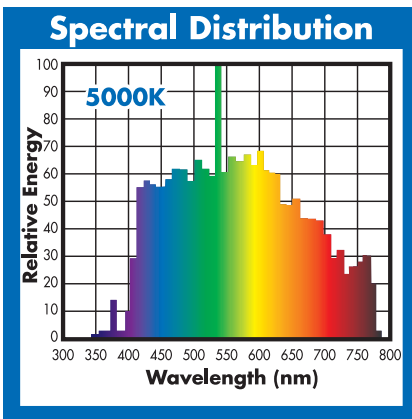
- Lamp performance ratings published in this data sheet are based upon operation with approved electronic ballasts.
- Performance ratings of Universal lamps are based upon Vertical ( $\pm 15^\circ$ ) operation.
- Minimum Starting Temperature:  $-40^\circ\text{C}/^\circ\text{F}$ .
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (2.1).



ED28



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



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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.