

125 Watt Pulse Start Lamp

61914 DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

MH 125W/HBU/ED28/PS

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M150/E
Bulb Shape	ED28
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	15000 hours
Operating Position	Base Up $\pm 90^\circ$

ELECTRICAL

Lamp Watts	125
Lamp Oper. Voltage (Nom.)	125

SUSTAINABILITY

Mercury Amount (mg)	16.1
Picograms of Hg per Mean Lumen Hour	128

PHOTOMETRIC

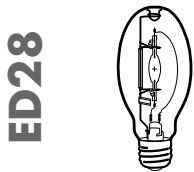
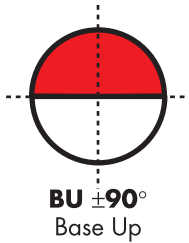
Initial Lumens	12000
Lumens Per Watt	96
Lamp Lumen Depreciation (LLD)	0.70 (70%) @ 6000
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	65

PHYSICAL

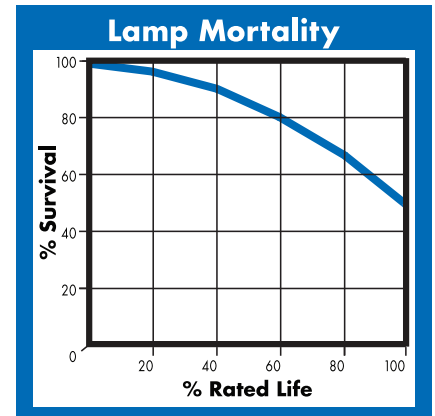
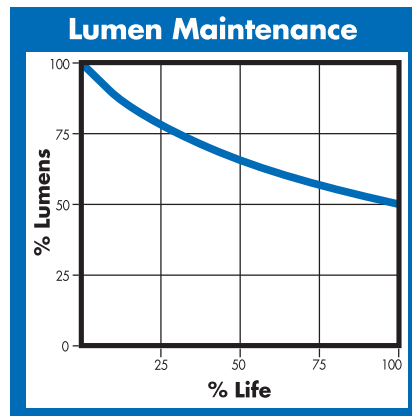
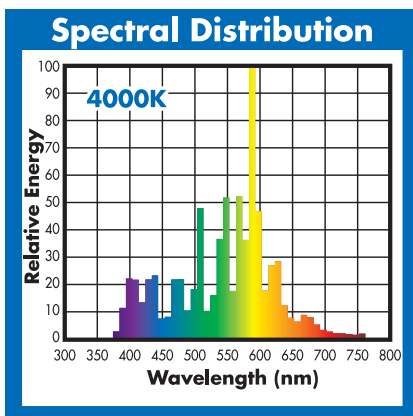
Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	19.0 mm
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Operation 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 (1.7).



Dia. = 3.5" (90mm)
MOL = 8.3" (211mm)
LCL = 5.0" (127mm)
Base = Mogul (E39)



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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.