

320 Watt Pulse Start Lamp

12718 DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

MH 320W/U/ED28/PS/740

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M132, M154/E
Bulb Shape	ED28
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life (V)	30000 hours
Rated Life (H)	22500 hours
Operating Position	Universal

ELECTRICAL

Lamp Watts	320
Lamp Oper. Voltage (Nom.)	135

SUSTAINABILITY

Mercury Amount (mg)	29.5
Picograms of Hg per Mean Lumen Hour (V)	35

PHOTOMETRIC

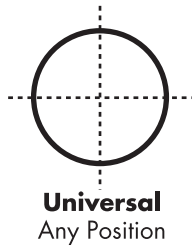
Initial Lumens / LPW (V)	33000 / 103
Initial Lumens / LPW (H)	30000 / 94
Lamp Lumen Depreciation (LLD)	0.86 (86%) @ 8000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	68

PHYSICAL

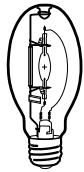
Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	35.8mm
Max. Base Temperature (°C)	230
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

NOTES

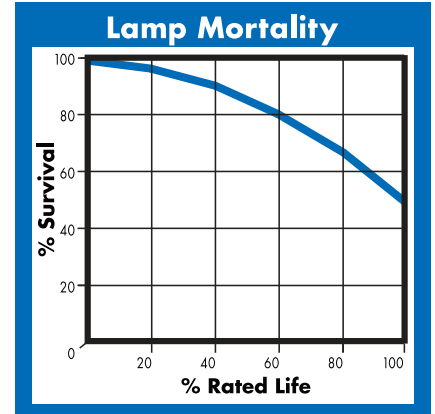
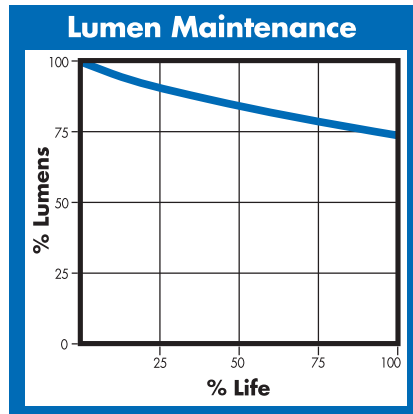
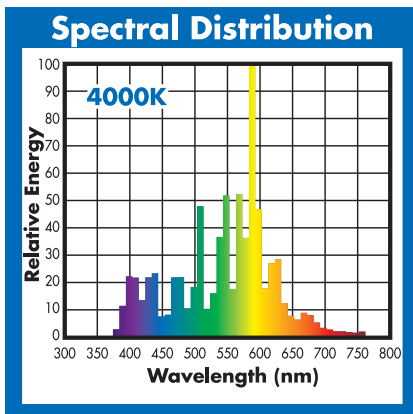
- Lamp performance ratings published in this data sheet are based upon operation with approved electronic ballasts.
- Operation of position-rated lamps outside of their tolerances will result in poor performance.
- Nominal color temperature rating is based on Vertical ($\pm 15^\circ$) operation of the lamp. Off-vertical positions will result in higher color temperature.
- Minimum Starting Temperature: $-40^\circ\text{C}/^\circ\text{F}$.



ED28



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.