

175 Watt Pulse Start Lamp

29145 DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

MH 175W/U/PS/740 GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M137, M152/E
Bulb Shape	ED28
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life (V)	15000 hours
Rated Life (H)	11250 hours
Operating Position	Universal

ELECTRICAL

Lamp Watts	175
Lamp Oper. Voltage (Nom.)	132

SUSTAINABILITY

Mercury Amount (mg)	20.0
Picograms of Hg per Mean Lumen Hour (V)	88

PHOTOMETRIC

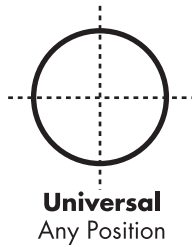
Initial Lumens / LPW (V)	17500 / 100
Initial Lumens / LPW (H)	16000 / 91
Lamp Lumen Depreciation (LLD)	0.86 (86%) @ 6000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	68

PHYSICAL

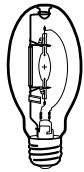
Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	21.6mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

NOTES

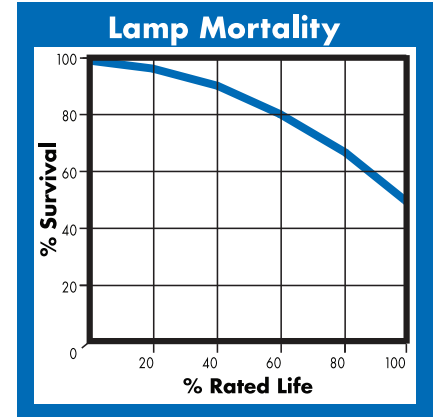
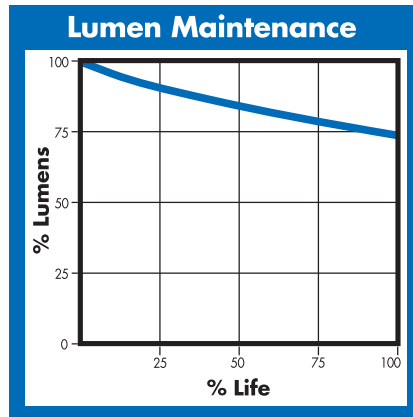
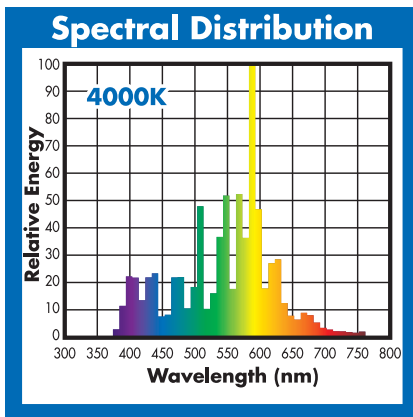
- Lamp performance ratings published in this data sheet are based upon operation with approved electronic ballasts.
- Operation of position-rated lamps outside of their tolerances will result in poor performance.
- Minimum Starting Temperature: -40°C/°F.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).
- Nominal color temperature rating is based on Vertical ($\pm 15^\circ$) operation of the lamp. Off-vertical positions will result in higher color temperature.



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.