

1000 Watt Pulse Start Lamp

37999

DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

MH 1000W/U/BT37/PS/740

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M141/E
Bulb Shape	BT37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life (V)	12000 hours
Rated Life (H)	9000 hours
Operating Position	Universal

ELECTRICAL

Lamp Watts	1000
Lamp Oper. Voltage (Nom.)	263

SUSTAINABILITY

Mercury Amount (mg)	151.0
Picograms of Hg per Mean Lumen Hour (V)	137

PHOTOMETRIC

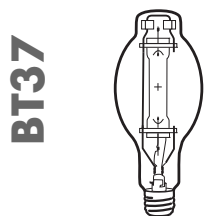
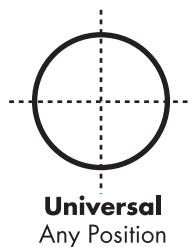
Initial Lumens / LPW (V)	115000 / 115
Initial Lumens / LPW (H)	103500 / 104
Lamp Lumen Depreciation (LLD)	0.80 (80%) @ 4800 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) R_a	68

PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	90mm
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

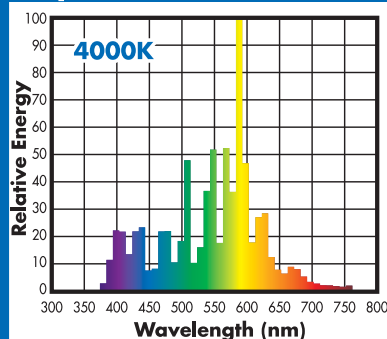
NOTES

- Nominal color temperature rating is based on Vertical ($\pm 15^\circ$) operation of the lamp. Off-vertical positions will result in higher color temperature.
- Product may contribute towards satisfying MR-Credit 4 under LEED.
- Minimum Starting Temperature: $-40^\circ\text{C}/^\circ\text{F}$.
- * At minimum ANSI ballast input voltage.

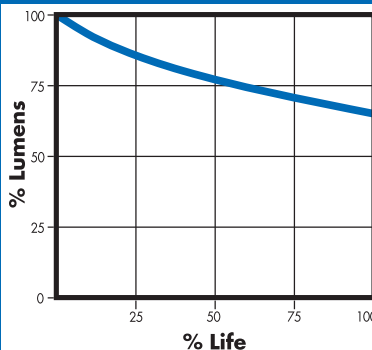


Dia. = 4.6" (120mm)
MOL = 11.5" (292mm)
LCL = 7.0" (178mm)
Base = Mogul (E39)

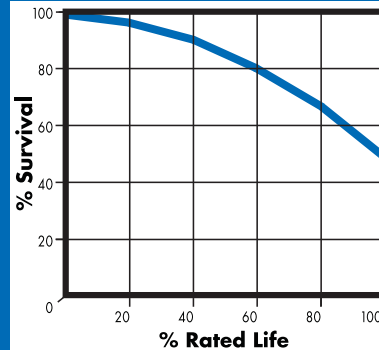
Spectral Distribution



Lumen Maintenance



Lamp Mortality



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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.