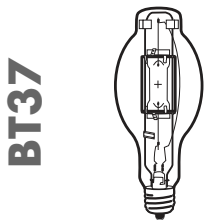
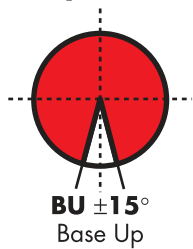




Energy Master

Probe Start Metal Halide Energy Saving Retrofit Lamps

**Change Just the
Lamp and Save**



BT37

Dia. = 4.6" (120mm)
MOL = 11.5" (292mm)
LCL = 7.0" (178mm)
Base = Mogul (EX39)

MPI 360W/C/BU/EM

GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M165/O (M59/O Comp.)
Bulb Shape	BT37
Base Type	Mogul (EX39)
Bulb Finish	Coated
Rated Life	20000 hours
Operating Position	Base Up $\pm 15^\circ$

PHOTOMETRIC

Initial Lumens	34000
Lumens Per Watt	94
Lamp Lumen Depreciation (LLD)	0.65 (65%) @ 8000 hours
Correlated Color Temperature	3700K
Chromaticity Coordinates (CIE-x,y)	.395 .390
Color Rendering Index (CRI) R_a	70

PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	N/A
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	400
Socket Pulse Rating (KV)	-
Luminaire Type	Open / Enclosed Rated

ELECTRICAL

Lamp Watts	360
Lamp Oper. Voltage (Nom.)	120
Energy Saving Replacement for	400W Probe Start MH
Watts Saved	40
Dimming	50% Rated Power

SUSTAINABILITY

Mercury Amount (mg)	54.5
Picograms of Hg per Mean Lumen Hour	123

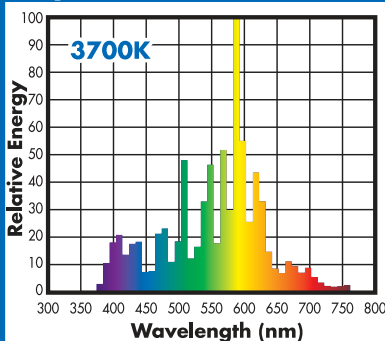
NOTES

- 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.
- Dimming applicable only when lamp is installed in the Base Up $\pm 15^\circ$ (BU $\pm 15^\circ$) position.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).

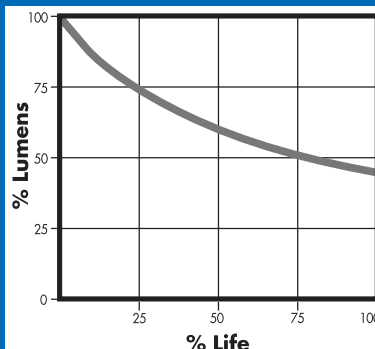
Change Just the Lamp:

- No need to change luminaires or ballasts
- Save on energy consumption
- Safe alternative - Open-rated lamps available in 360 watt standard probe start metal halide lamps
- Indoor or outdoor, Energy Master lamps are perfect for energy savings in any application

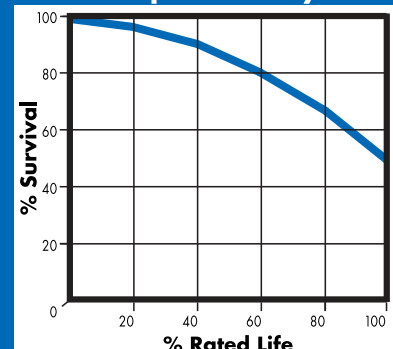
Spectral Distribution



Lumen Maintenance



Lamp Mortality



(800) 451-2606

6675 Parkland Blvd., Suite 100

Solon, Ohio 44139 USA

E-mail: Venture_Lighting@VentureLighting.com

VentureLighting.com

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.