



### MPI 1000W/BU

#### GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M47/O
Bulb Shape	BT56
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	12000 hours
Operating Position	Base Up $\pm 15^\circ$

#### PHOTOMETRIC

Initial Lumens	107000
Lumens Per Watt	107
Lamp Lumen Depreciation (LLD)	0.65 (65%) @ 4800
Correlated Color Temperature	3500K
Chromaticity Coordinates (CIE-x,y)	.405 .390
Color Rendering Index (CRI) $R_a$	65

#### PHYSICAL

Bulb Diameter	7.0" (180mm)
Max. Overall Length (MOL)	15.3" (391mm)
Light Center Length (LCL)	9.5" (241mm)
Effective Arc Length	85.5mm
Max. Base Temperature ( $^\circ\text{C}$ )	250
Max. Bulb Temperature ( $^\circ\text{C}$ )	430
Socket Pulse Rating (KV)	-
Luminaire Type	Open / Enclosed Rated

#### ELECTRICAL

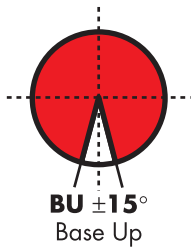
Lamp Watts	1000
Lamp Oper. Voltage (Nom.)	263
Dimming	

#### SUSTAINABILITY

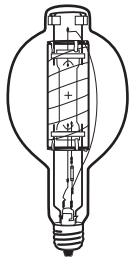
Mercury Amount (mg)	145.0
Picograms of Hg per Mean Lumen Hour	174

#### 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 (1.6).



**BT56**



Dia. = 7.0" (180mm)  
 MOL = 15.3" (391mm)  
 LCL = 9.5" (241mm)  
 Base = Mogul (EX39)

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.

