**GENERAL Characteristics**

- **Lamp Type**: Standard MH Single Ended
- **ANSI Code**: M47/0
- **Bulb Shape**: BT56
- **Base Type**: Mogul (EX39)
- **Bulb Finish**: Clear
- **Rated Life**: 12000 hours
- **Operating Position**: Base Up ±15°

**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)**: 0.405 390
- **Color Rendering Index (CRI) Ra**: 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 (°C)**: 250
- **Max. Bulb Temperature (°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 ±15° (BU±15°) position.
- To calculate nighttime Scopiotic lumens, multiply the lumen rating by the S/P ratio (1.6).

---

**Spectral Distribution**

![Spectral Distribution Graph](image)

**Lumen Maintenance**

![Lumen Maintenance Graph](image)

**Lamp Mortality**

![Lamp Mortality Graph](image)

---

**STANDARD PROBE START METAL HALIDE LIGHTING SYSTEMS**

**MPI 1000W/BU**

**DATA SHEET**

---

**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.

---

**(800) 451-2606**

7905 Cochran Road, Suite 300
Glenwillow, Ohio 44139 USA
E-mail: Venture_Lighting@VentureLighting.com
VentureLighting.com

---

©2020 Venture Lighting International  Venture Lighting is a registered trademark of Venture Lighting International.

Revision: 03/12/2020  #2879-6