575 Watt Pulse Start Lamp

MHL 575W/BU/BT37/PS/EM/950

**GENERAL Characteristics**
- **Lamp Type:** MH Pulse Start Single Ended
- **ANSI Code:** M178/E
- **Bulb Shape:** BT37
- **Base Type:** Mogul (E39)
- **Bulb Finish:** Clear
- **Bulb Diameter:** 4.6" (120mm)
- **Max. Overall Length (MOL):** 11.5" (292mm)
- **Light Center Length (LCL):** 7.0" (178mm)
- **Max. Base Temperature (°C):** 230
- **Max. Bulb Temperature (°C):** 450
- **Socket Pulse Rating (KV):** 4
- **Luminaire Type:** Enclosed Rated
- **Correlated Color Temperature:** 5000K
- **Chromaticity Coordinates (CIE-x,y):** .346 .359
- **Color Rendering Index (CRI) R:** 90+
- **Rated Life:** 40000 hours
- **Operating Position:** Base Up ±15°
- **PHOTOMETRIC**
  - **Initial Lumens:** 45000
  - **Lumens Per Watt:** 82
  - **Lamp Lumen Depreciation (LLD):** 0.90 (90%) @ 16000 hours
  - **SUSTAINABILITY**
    - **Mercury Amount (mg):** 56.0
    - **Picograms of Hg per Mean Lumen Hour:** 35
- **ELECTRICAL**
  - **Lamp Watts:** 550
  - **Lamp Oper. Voltage (Nom.):** 135
- **PHYSICAL**
  - **Effective Arc Length:** 42.2mm
  - **SPECTRAL DISTRIBUTION**
  - **LUMEN MAINTENANCE**
  - **LAMP MORTALITY**

**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.
- Minimum Starting Temperature: 40°C/°F.
- To calculate nighttime SCOTopic lumens, multiply the lumen rating by the S/P ratio (2.1).

**SUPER PULSE START**
**Long Life (SPL)**
**Extended Life Lamps**

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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.

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