MS 250W/BU

GENERAL Characteristics

- **Lamp Type**: Standard MH Single Ended
- **ANSI Code**: MS8/E
- **Bulb Shape**: ED28
- **Base Type**: Mogul (E39)
- **Bulb Finish**: Clear
- **Rated Life**: 10000 hours
- **Operating Position**: Base Up ±15°

PHOTOMETRIC

- **Initial Lumens**: 23000
- **Lumens Per Watt**: 92
- **Lamp Lumen Depreciation (LLD)**: 0.65 (65%) @ 4000
- **Correlated Color Temperature**: 4000K
- **Chromaticity Coordinates (CIE-x,y)**: .385 .390
- **Color Rendering Index (CRI) Ra**: 65

PHYSICAL

- **Bulb Diameter**: 3.5” (90mm)
- **Max. Overall Length (MOL)**: 8.3” (211mm)
- **Light Center Length (LCL)**: 5.0” (127mm)
- **Effective Arc Length**: 24.2 mm
- **Max. Base Temperature (°C)**: 210
- **Max. Bulb Temperature (°C)**: 400
- **Socket Pulse Rating (KV)**: -
- **Luminaire Type**: Enclosed Rated

**ELECTRICAL**

- **Lamp Watts**: 250
- **Lamp Oper. Voltage (Nom.)**: 133
- **Dimming**: 

**SUSTAINABILITY**

- **Mercury Amount (mg)**: 30.0
- **Picograms of Hg per Mean Lumen Hour**: 200

**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 Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).

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