## 250 Watt Pulse Start Lamp

### General Characteristics

- **Lamp Type**: MH Pulse Start Single Ended
- **ANSI Code**: M138, M133/0
- **Base Type**: Mogul (EX39)
- **Bulb Finish**: Coated
- **Rated Life**: 20000 hours
- **Operating Position**: Base Up ±15°

### Photometric

- **Initial Lumens**: 16500
- **Lumens Per Watt**: 66
- **Lamp Lumen Depreciation (LLD)**: 0.90 (90%) @ 8000 hours
- **Correlated Color Temperature**: 5000K
- **Chromaticity Coordinates (CIE-x,y)**: .346 .359
- **Color Rendering Index (CRI) Ra**: 90+

### Physical

- **Bulb Diameter**: 3.5” (90mm)
- **Max. Overall Length (MOL)**: 8.3” (211mm)
- **Light Center Length (LCL)**: 5.0” (127mm)
- **Effective Arc Length**: 27.6mm
- **Max. Base Temperature (°C)**: 210
- **Max. Bulb Temperature (°C)**: 400
- **Socket Pulse Rating (KV)**: 4
- **Luminaire Type**: Open / Enclosed Rated

### Electrical

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

### Sustainability

- **Mercury Amount (mg)**: 13.5
- **Picograms of Hg per Mean Lumen Hour**: 45

### Notes

- Lamp performance ratings published in this data sheet are based upon operation with approved electronic 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).