**320 Watt Pulse Start Lamp**

**MS 320W/H75/T15/L/PS/740**

### GENERAL Characteristics
- **Lamp Type**: MH Pulse Start Single Ended
- **ANSI Code**: M132, M154/E
- **Base Type**: Mogul (E39)
- **Bulb Finish**: Clear
- **Rated Life**: 26000 hours
- **Operating Position**: Horizontal ±75°

### PHOTOMETRIC
- **Initial Lumens**: 30000
- **Lumens Per Watt**: 94
- **Lamp Lumen Depreciation (LLD)**: 0.80 (80%) @ 8000
- **Correlated Color Temperature**: 4000K
- **Chromaticity Coordinates (CIE-x,y)**: .385 .390
- **Color Rendering Index (CRI) Ra**: 68

### PHYSICAL
- **Bulb Diameter**: 2.0” (52mm)
- **Max. Overall Length (MOL)**: 11.5” (292mm)
- **Light Center Length (LCL)**: 7.0” (178mm)
- **Effective Arc Length**: 38.4 mm
- **Max. Base Temperature (°C)**: 210
- **Max. Bulb Temperature (°C)**: 500
- **Socket Pulse Rating (KV)**: 4
- **Luminaire Type**: Enclosed Rated

### ELECTRICAL
- **Lamp Watts**: 320
- **Lamp Oper. Voltage (Nom.)**: 135

### SUSTAINABILITY
- **Mercury Amount (mg)**: 28.0
- **Picograms of Hg per Mean Lumen Hour**: 45

### 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 (1.7).

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**Spectral Distribution**

**Lumen Maintenance**

**Lamp Mortality**

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**Rev.: 03/12/2020 #2410-12**