**GENERAL Characteristics**

- **Lamp Type:** Standard MH Single Ended
- **ANSI Code:** M57/E
- **Bulb Shape:** ED28
- **Base Type:** Mogul (E39)
- **Bulb Finish:** Coated
- **Rated Life:** 10000 hours
- **Operating Position:** Base Up ±15°

**PHOTOMETRIC**

- **Initial Lumens:** 13600
- **Lumens Per Watt:** 78
- **Lamp Lumen Depreciation (LLD):** 0.65 (65%) @ 4000
- **Correlated Color Temperature:** 3200K
- **Chromaticity Coordinates (CIE-x,y):** .420 .395
- **Color Rendering Index (CRI) Ra:** 70

**PHYSICAL**

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

**ELECTRICAL**

- **Lamp Watts:** 175
- **Lamp Oper. Voltage (Nom.):** 132
- **Dimming:**

**SUSTAINABILITY**

- **Mercury Amount (mg):** 27.0
- **Picograms of Hg per Mean Lumen Hour:** 307

**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 (1.4).

**Dia. =** 3.5" (90mm)

**MLOL =** 8.3" (211mm)

**LCL =** 5.0" (127mm)

**Base =** Mogul (E39)

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**Spectral Distribution**

- **3200K**

**Lumen Maintenance**

- **% Lumen:**
  - % Life: 25, 50, 75, 100

**Lamp Mortality**

- **% Survival:**
  - % Rated Life: 0, 20, 40, 60, 80, 100

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