# 1650 Watt Probe Start Lamp

## GENERAL Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp Type</td>
<td>Standard MH Single Ended</td>
</tr>
<tr>
<td>ANSI Code</td>
<td>M112/E</td>
</tr>
<tr>
<td>Bulb Shape</td>
<td>BT56</td>
</tr>
<tr>
<td>Base Type</td>
<td>Mogul POMB (EP39)</td>
</tr>
<tr>
<td>Bulb Finish</td>
<td>Clear</td>
</tr>
<tr>
<td>Rated Life</td>
<td>3000 hours</td>
</tr>
<tr>
<td>Operating Position</td>
<td>Horizontal ±60°</td>
</tr>
</tbody>
</table>

### PHOTOMETRIC

- Initial Lumens: 177000
- Lumens Per Watt: 107
- Lamp Lumen Depreciation (LLD): 0.82 (82%) @ 1200
- Correlated Color Temperature: 3200K
- Chromaticity Coordinates (CIE-x,y): 0.420, 0.395
- Color Rendering Index (CRI, Ra): 70

### PHYSICAL

- Bulb Diameter: 7.0" (180mm)
- Max. Overall Length (MOL): 15.3" (391mm)
- Light Center Length (LCL): 9.5" (241mm)
- Effective Arc Length: 85.0 mm
- Max. Base Temperature (°C): 250
- Max. Bulb Temperature (°C): 430
- Socket Pulse Rating (KV): -
- Luminare Type: Enclosed Rated

### ELECTRICAL

- Lamp Watts: 1650
- Lamp Oper. Voltage (Nom.): 270
- Dimming

### SUSTAINABILITY

- Mercury Amount (mg): 211.5
- Picograms of Hg per Mean Lumen Hour: 486

### 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.
- Permitted rotation about axis ± 15°.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.4).

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**#1468-13**