## 250 Watt Pulse Start Lamp

### GENERAL Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp Type</td>
<td>MH Pulse Start Single Ended</td>
</tr>
<tr>
<td>ANSI Code</td>
<td>M138, M153/0</td>
</tr>
<tr>
<td>Bulb Shape</td>
<td>ED28</td>
</tr>
<tr>
<td>Base Type</td>
<td>Mogul (EX39)</td>
</tr>
<tr>
<td>Bulb Finish</td>
<td>Clear</td>
</tr>
<tr>
<td>Rated Life</td>
<td>20000 hours</td>
</tr>
<tr>
<td>Operating Position</td>
<td>Base Up ±15°</td>
</tr>
</tbody>
</table>

### PHOTOMETRIC

- Initial Lumens: 17500
- Lumens Per Watt: 70
- Lamp Lumen Depreciation (LLD): 0.90 (90%) @ 8000 hours
- Correlated Color Temperature: 5000K
- Chromaticity Coordinates (CIE-xyz): .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: 27.6 mm
- 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: 43

### 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).

### Spectral Distribution

![Spectral Distribution Graph](image)

### Lumen Maintenance

![Lumen Maintenance Graph](image)

### Lamp Mortality

![Lamp Mortality Graph](image)

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(800) 451-2606
Fax: (800) 451-2605
2451 Enterprise Parkway East
Twinsburg, Ohio 44087 USA
E-mail: venture@adlt.com
VentureLighting.com

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