## MS 1000W/HOR/T25/PS/734 Data Sheet

### General Characteristics

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>MH Pulse Start Single Ended</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI Code</td>
<td>M141/E</td>
</tr>
<tr>
<td>Bulb Shape</td>
<td>T25</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>5000 hours</td>
</tr>
<tr>
<td>Operating Position</td>
<td>Horizontal ±45°</td>
</tr>
</tbody>
</table>

### Photometric

- **Initial Lumens**: 110000
- **Lumens Per Watt**: 110
- **Lamp Lumen Depreciation (LLD)**: 0.70 (70%) @ 2000
- **Correlated Color Temperature**: 3400K
- **Chromaticity Coordinates (CIE-x,y)**: 0.385, 0.390
- **Color Rendering Index (CRI) Ra**: 68

### Physical

- **Bulb Diameter**: 3.1" (76mm)
- **Max. Overall Length (MOL)**: 11.5" (292mm)
- **Light Center Length (LCL)**: 7.0" (178mm)
- **Effective Arc Length**: 77.0 mm
- **Max. Base Temperature (°C)**: 250
- **Max. Bulb Temperature (°C)**: 525
- **Socket Pulse Rating (KV)**: 4
- **Luminaire Type**: Enclosed Rated

### Electrical

<table>
<thead>
<tr>
<th>Lamp Watts</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp Oper. Voltage (Nom.)</td>
<td>263</td>
</tr>
</tbody>
</table>

### Sustainability

- **Mercury Amount (mg)**: 149.4
- **Picograms of Hg per Mean Lumen Hour**: 388

### 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°.
- Minimum Starting Temperature: -40°C/°F.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.4).

---

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

©2019 Venture Lighting International  
Venture Lighting and Uni-Form are registered trademarks of Venture Lighting International.  
Revision: 10/09/2019  #1616-15