### GENERAL Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp Type</td>
<td>Standard MH Single Ended</td>
</tr>
<tr>
<td>ANSI Code</td>
<td>MS7/E</td>
</tr>
<tr>
<td>Bulb Shape</td>
<td>ED17</td>
</tr>
<tr>
<td>Base Type</td>
<td>Medium (E26)</td>
</tr>
<tr>
<td>Bulb Finish</td>
<td>Coated</td>
</tr>
<tr>
<td>Rated Life</td>
<td>10000 hours</td>
</tr>
<tr>
<td>Operating Position</td>
<td>Base Up ±15°</td>
</tr>
</tbody>
</table>

### 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): 0.420 .395
- Color Rendering Index (CRI) $R_a$: 70

### PHYSICAL

- Bulb Diameter: 2.1" (54mm)
- Max. Overall Length (MOL): 5.4" (138mm)
- Light Center Length (LCL): 3.4" (86mm)
- Effective Arc Length: N/A
- Max. Base Temperature (°C): 210
- Max. Bulb Temperature (°C): 450
- Socket Pulse Rating (KV): 450
- Luminare 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).