## MS 175W/BU/MED

### 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>M57/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>Clear</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**: 15000
- **Lumens Per Watt**: 86
- **Lamp Lumen Depreciation (LLD)**: 0.65 (65%) @ 4000
- **Correlated Color Temperature**: 4000K
- **Chromaticity Coordinates (CIE-x,y)**: .385 .390
- **Color Rendering Index (CRI) Ra**: 65

### PHYSICAL

- **Bulb Diameter**: 2.1” (54mm)
- **Max. Overall Length (MOL)**: 5.4” (138mm)
- **Light Center Length (LCL)**: 3.4” (86mm)
- **Effective Arc Length**: 19.0 mm
- **Max. Base Temperature (°C)**: 210
- **Max. Bulb Temperature (°C)**: 450
- **Socket Pulse Rating (KV)**: -
- **Luminaire Type**: Enclosed Rated

### ELECTRICAL

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

### SUSTAINABILITY

- **Mercury Amount (mg)**: 22.6
- **Picograms of Hg per Mean Lumen Hour**: 231

### 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 (1.7).