175 Watt Probe Start Lamp

MH 175W/U/5K

GENERAL Characteristics

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>Standard MH Single Ended</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI Code</td>
<td>M57/E</td>
</tr>
<tr>
<td>Bulb Shape</td>
<td>ED28</td>
</tr>
<tr>
<td>Base Type</td>
<td>Mogul (E39)</td>
</tr>
<tr>
<td>Bulb Finish</td>
<td>Clear</td>
</tr>
<tr>
<td>Rated Life (V)</td>
<td>7500 hours</td>
</tr>
<tr>
<td>Rated Life (H)</td>
<td>5625 hours</td>
</tr>
<tr>
<td>Operating Position</td>
<td>Universal</td>
</tr>
</tbody>
</table>

PHOTOMETRIC

| Initial Lumens / LPW (V)        | 12000 / 69 |
| Initial Lumens / LPW (H)        | 10800 / 62 |
| Lamp Lumen Depreciation (LLD)   | 0.65 (65%) @ 3000 hours |
| Correlated Color Temperature    | 5000K      |
| Chromaticity Coordinates (CIE-x,y) | .346 .359 |
| Color Rendering Index (CRI) R_a | 75         |

PHYSICAL

| Bulb Diameter       | 3.5” (90mm) |
| Max. Overall Length (MOL) | 8.3” (211mm) |
| Light Center Length (LCL) | 5.0” (127mm) |
| Effective Arc Length | 19.5 mm     |
| Max. Base Temperature (°C) | 210         |
| Max. Bulb Temperature (°C) | 400         |
| Socket Pulse Rating (KV) | -           |
| Luminaire Type      | Enclosed Rated |

ELECTRICAL

| Lamp Watts | 175 |
| Lamp Oper. Voltage (Nom.) | 132 |

SUSTAINABILITY

| Mercury Amount (mg) | 26.0 |
| Picograms of Hg per Mean Lumen Hour (V) | 444 |

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Performance ratings of Universal lamps are based upon Vertical (±15°) operation.
- 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 (2.1).

Spectral Distribution

Lumen Maintenance

Lamp Mortality

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