**Miniature Cold Cathode Fluorescent Lamp**

<table>
<thead>
<tr>
<th>JKL Lamp Part Number</th>
<th>Color</th>
<th>Starting Circuit Voltage VS (Vrms) @ 0°C</th>
<th>Operating Lamp Voltage VL (Vrms)</th>
<th>Operating Lamp Current IL (mAmps)</th>
<th>Brightness (Candela/m²)</th>
<th>*Rated Life (Hrs) Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF3228-21B</td>
<td>x = .315, y = .295</td>
<td>1190</td>
<td>475</td>
<td>5 ± 1</td>
<td>28,000 ± 10%</td>
<td>40,000</td>
</tr>
</tbody>
</table>

*Rated life is defined as the point at which the intensity becomes 50% of the initial rating.*

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**Dimensions:**
- 15 ± 2 mm
- 228 ± 2 mm
- 5 max.
- 5 max.
- 15 ± 2 mm
- 3.6 max.
- 3.0 ± 0.2 mm
- 3.6 max.
- 28,000 ± 10%
- Ø0.4 ± 0.1 mm

**Notes:**
- Change lead length to 15 ± 2 mm 1/28/20
- Electrical rating changes 8/5/04
- Brightness rating changes 8/20/97
- Released 12/95

**Manual Revisions Not Permitted**