The Red Multi-Die Package (MDP) was created to provide superior technical and cost performance than other red laser display packages. The MDP provides better temperature performance than TO-cans, diode banks or diode bars. The MDP is configured in 4 rows of 5 diodes each and is a more easily integrated solution, has the ability for operation in either CW or pulsed mode, and provides a readily scalable architecture for fast-ramping mass production.
Features

24W of Power
20,000 hours of Lifetime

Applications

Digital Projection
Remote Source Lighting
Hazardous Lighting
Theme Park Attractions
Forensics
Medical
Therapeutics

Specifications Summary

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Units</th>
<th>Min</th>
<th>Typical</th>
<th>Max</th>
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<td>Operating Power</td>
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<td>-</td>
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<td>Temperature</td>
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<td>Wavelength Range</td>
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</tr>
</tbody>
</table>

Driver Requirements

Laser Diode Voltage Per String (4 strings per MDP)     V     11.5   14.0
Operating Current (CW)                                   A     1.3    1.6