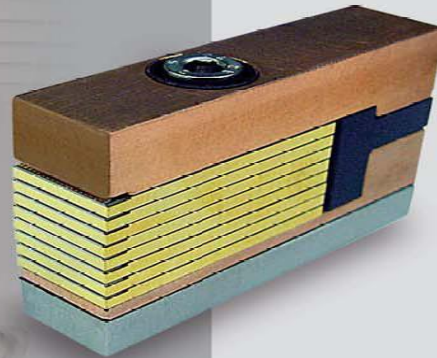




<u>PARAMETER</u>		<u>LAPID 8</u>
Number of bars		8
Nominal power	[W]	320
Drive current	[A]	50
Operating voltage	[V]	<16
Slope efficiency (per bar)	[W/A]	>1
Conversion Efficiency	[%]	>45
Center wavelength	[nm]	808
Spectral width	[nm]	<4



<u>PARAMETER</u>		<u>LAPID 8</u>
<u>Beam divergence FWHM+</u>	[°]	<u><35</u>
<u>Beam divergence FWHM-</u>	[°]	<u><12</u>
<u>Emitting area</u>	[mm]	<u>12.6x10</u>
<u>Size WxLxH</u>	[mm]	<u>11.2x44.2x30.0</u>
<u>Bar to bar pitch</u>	[mm]	<u>1.8</u>
<u>Operation mode</u>		<u>CW or switched</u>
<u>Operating temperature range</u>	[°C]	<u>25-40</u>
<u>Cooling water flow rate</u>	[l/min]	<u>2.5</u>