




808nm 1W laser diodes with C mount package

808nm 1000mw High power LD

WSLD-808-001-C

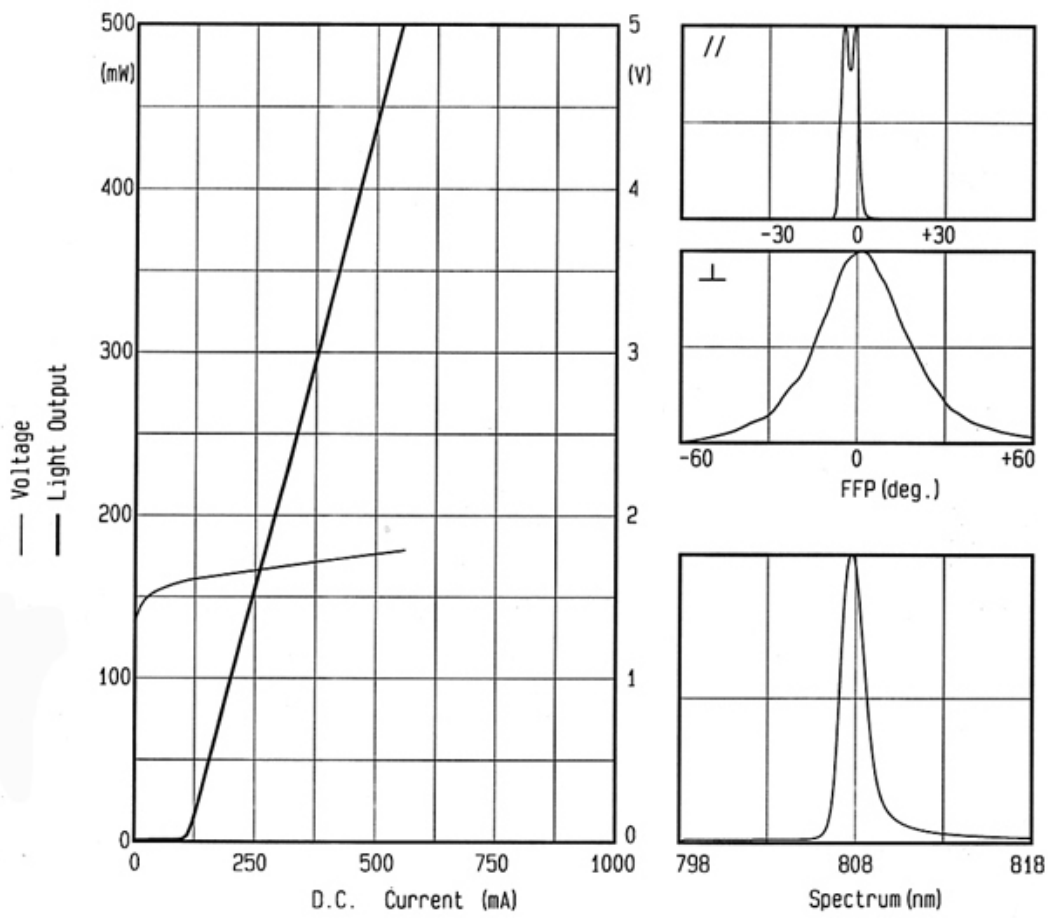
Wavespectrum laser inc.

www.wavespectrum-laser.com

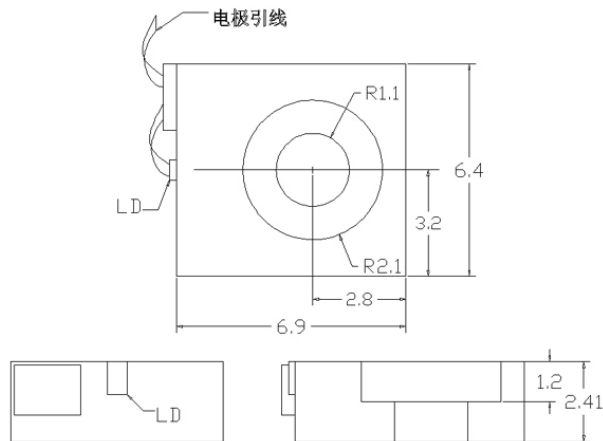
808nm Laser Diode 1W		Wavespectrum Laser, Inc		
Reverse Voltage	$V_r$	2.0	V	
Operating Temperature	$T_{op}$	-10~+50	°C	
Storage Temperature	$T_{stg}$	-40 ~ +85	°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>808nm</li> <li>High power ,CW, Muti-mode</li> <li>C-mount package</li> </ul>				
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical laser treatment</li> <li>Laser indicator</li> <li>Laser detector</li> </ul>				
<b>Specifications</b>		<b>WSLD-808-001-C</b>		
		Min	Type	Max
Center Wavelength@25°C		+/-3nm	808nm	+/-10nm
Spectral Width (FWHM)		----	3.0nm	5.0nm
Output Power		----	1W	----
Emitter Area		----	100x1μm	----
Beam Divergence (FWHM)		----	36° <sub>⊥</sub> x 10° <sub>//</sub>	40° <sub>⊥</sub> x 12° <sub>//</sub>
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	1.0W/A	----
Threshold Current (Typ.)		----	----	0.3A
Operating Current (Typ.)		----	----	1.4A
Operating Voltage		----	----	2.2V
Package Style		C-mount		



## Spectrum



## C-mount Package View



**Electrically shorten LD module and store in non-extreme conditions.  
Suggest using the constant current power supply.**



**Please contact us:**

**Website: [www.wavespectrum-laser.com](http://www.wavespectrum-laser.com) (for more detailed information)**

**Email: [info@wavespectrum-laser.com](mailto:info@wavespectrum-laser.com) (for inquiry about this product)**

