




808nm 3W laser diodes with C mount package

808nm High power LD

WSLD-808-003-C

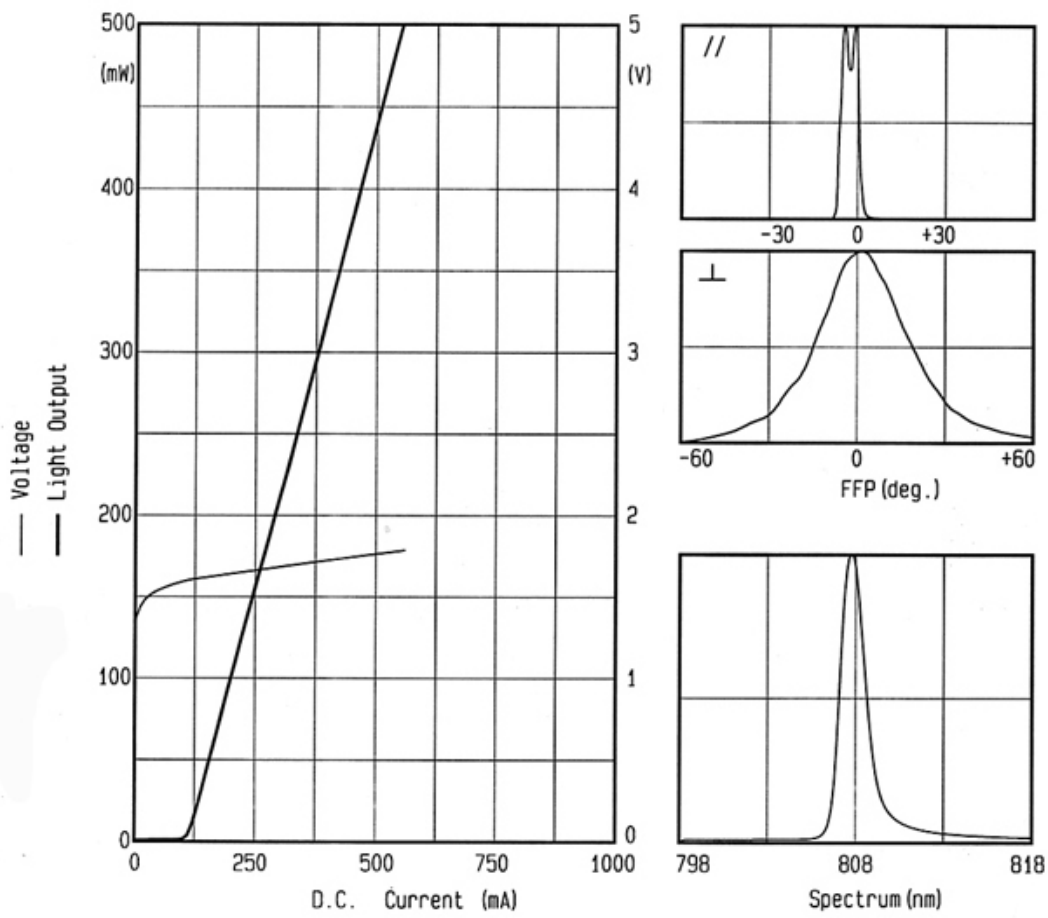
Wavespectrum laser inc.

www.wavespectrum-laser.com

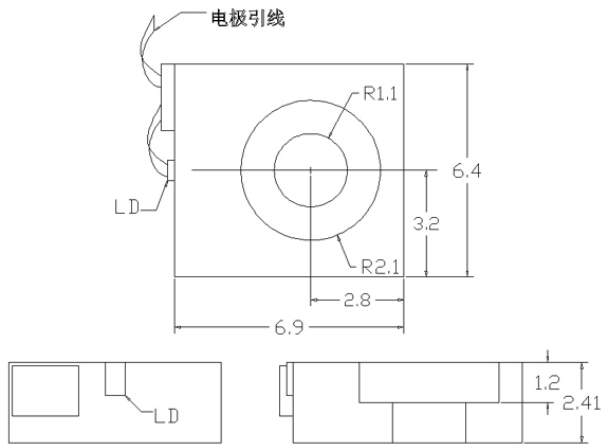
808nm Laser Diode 3W		Wavespectrum Laser, Inc		
Reverse Voltage	V_r	2.0	V	
Operating Temperature	T_{op}	-10~+50	°C	
Storage Temperature	T_{stg}	-40 ~ +85	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: <ul style="list-style-type: none"> 808nm High power ,CW, Muti-mode C-mount package 				
Applications: <ul style="list-style-type: none"> Medical laser treatment Laser indicator Laser detector 				
Specifications		WSLD-808-003-C		
		Min	Type	Max
Center Wavelength@25°C		+/-3nm	808nm	+/-10nm
Spectral Width (FWHM)		----	3.0nm	5.0nm
Output Power		----	3W	----
Emitter Area		100x1µm or 150x1µm		
Beam Divergence (FWHM)		----	36° _± x 10° _{//}	40° _± x 12° _{//}
Temperature Coefficient of Wavelength		----	0.28nm / °C	----
Slope Efficiency		----	1.0W/A	----
Threshold Current (Typ.)		----	0.5A	0.7A
Operating Current (Typ.)		----	3.2A	3.5A
Operating Voltage		----	2.0V	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 (for more detailed information)

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

