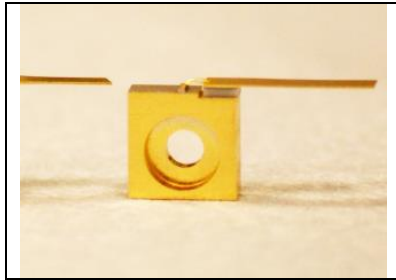


**DATA SHEET: 2600 nm FABRY-PEROT LASER DIODE**

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**Specification\***

**T = 20 °C, Continuous-wave operation**

Parameter	Unit	Min.	Typ.	Max.
Resonator length	mm		1	
Ridge width	μm		5	
AR coating	%		3	
HR coating	%	95		
Threshold current @ 20 °C	mA		100	
Operating current @ 20 °C	mA	0		<b>500</b>
Operating voltage	V	0		<b>1.6</b>
Peak output power	mW		20	
Center wavelength @ 480 mA	nm		2590	
<b>Mode properties</b>				
<b>Mode</b>		<b>Polarization</b>		
Single-TE00		TE		

**\* Exceeding maximum operating ratings can lead to permanent damage to the device! This can adversely affect device performance or lead to complete failure.**

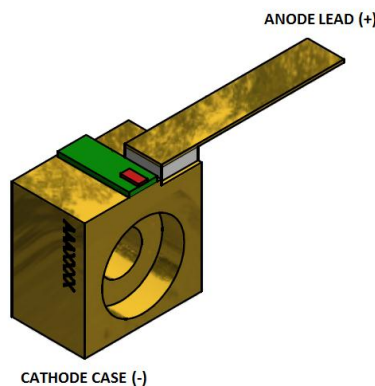


Fig. 1. C-mount contact configuration

**Typical characteristics: C-mount package**

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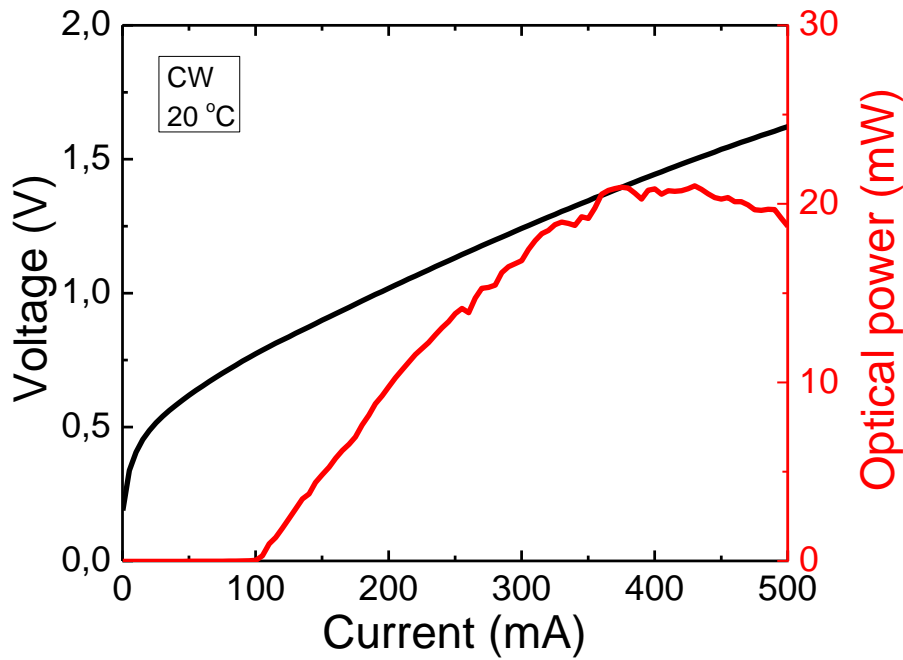
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Fig. 2. Typical L-I-V characteristic (curve is rocky due to water absorption lines)

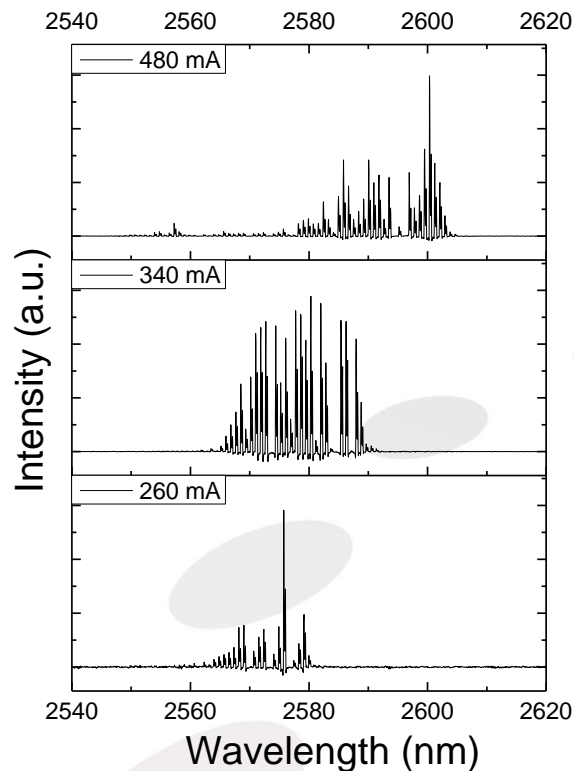


Fig. 3. Typical emission spectra at different driving currents (20 deg C)