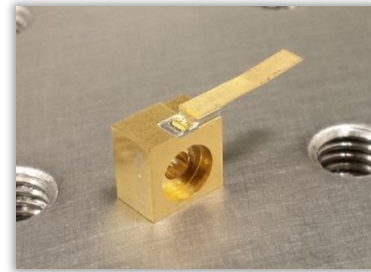


## 2250 nm Single-Angled-Facet GAIN CHIP

Product number:

Package: C-mount



## Specifications

### Physical properties

Cavity length	mm	1
Ridge width	μm	5
Emission angle with regard to the facet	deg	22.2
AR coating	%	<0.1
HR coating	%	>95
Maximum beam pointing error	deg (mrad)	±1 (±17)

### Electrical properties

Maximum operating current*	mA	<b>300</b>
Maximum operating voltage*	V	1

### Optical properties

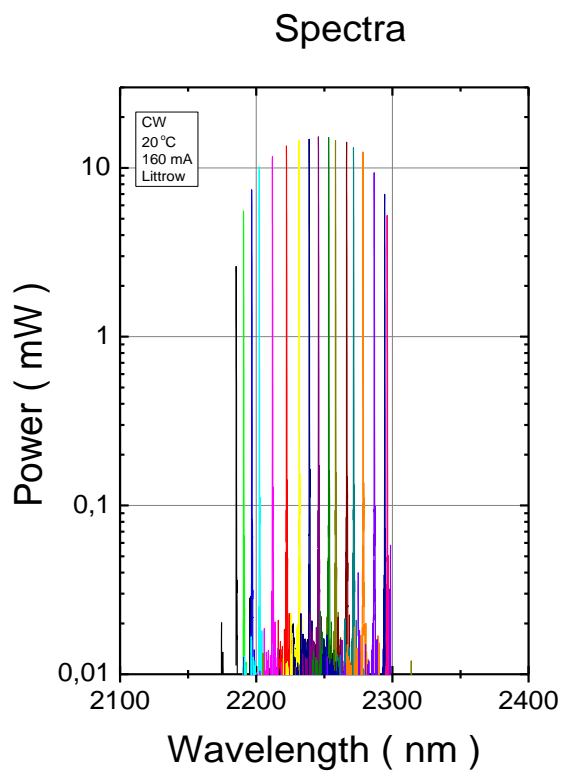
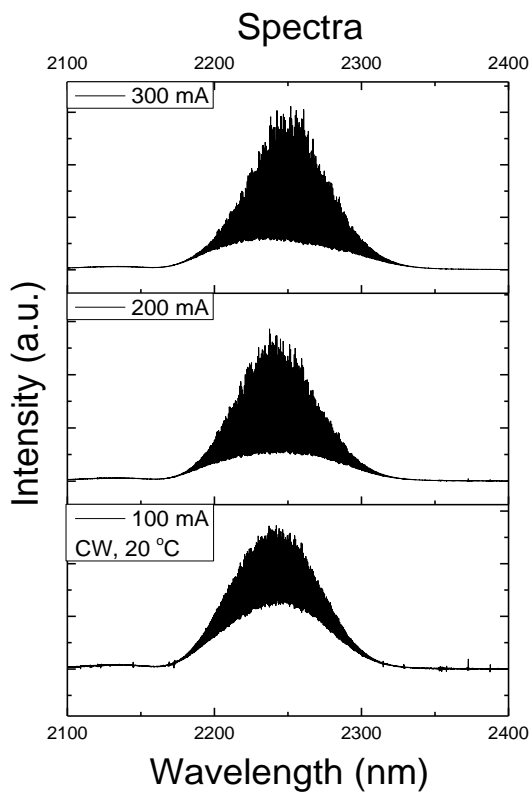
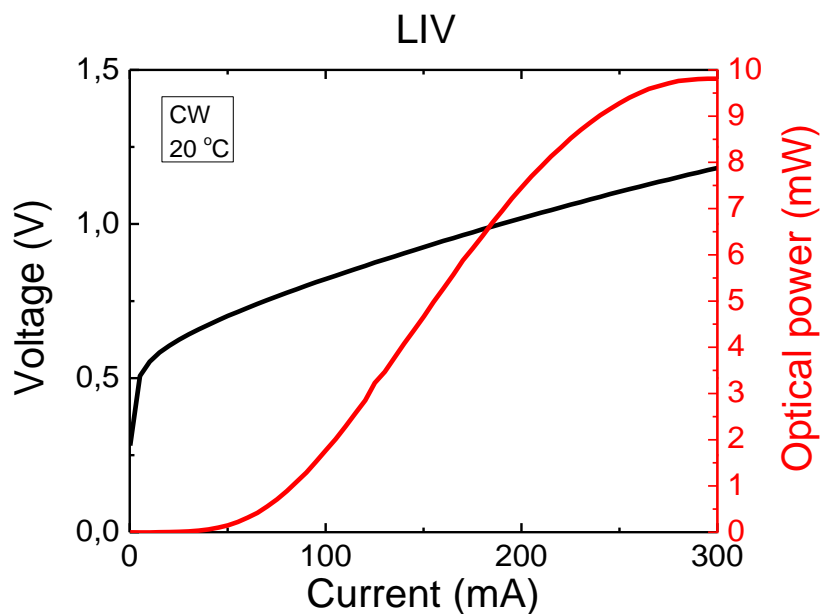
Peak output power	mW	9.8
Center wavelength	nm	2250
Mode		TE <sub>00</sub>
Peak output power Littrow	mW	13
Tuning range	nm	110

20 °C, Continuous-wave operation, 300 mA

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



Performance plots



**Drawings**

