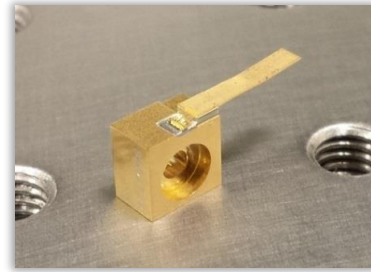


2025 nm Single-Angled-Facet GAIN CHIP

Product number:

Package: C-mount



Specifications

Physical properties

Cavity length	mm	2
Ridge width	μm	5
Emission angle with regard to the facet	deg	19.9
AR coating	%	<0.1
HR coating	%	>95
Maximum beam pointing error	deg (mrad)	±1 (±17)

Electrical properties

Maximum operating current*	mA	300
Maximum operating voltage*	V	1

Optical properties

Peak output power	mW	40,5
Center wavelength	nm	2025
Mode		TE ₀₀
Peak output power Littrow	mW	13
Tuning range	nm	105

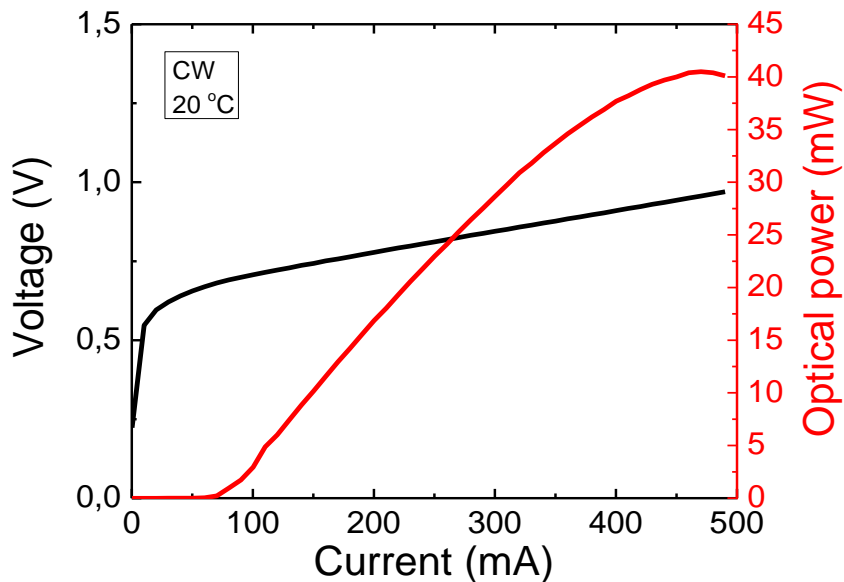
20 °C, Continuous-wave operation, 300 mA

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

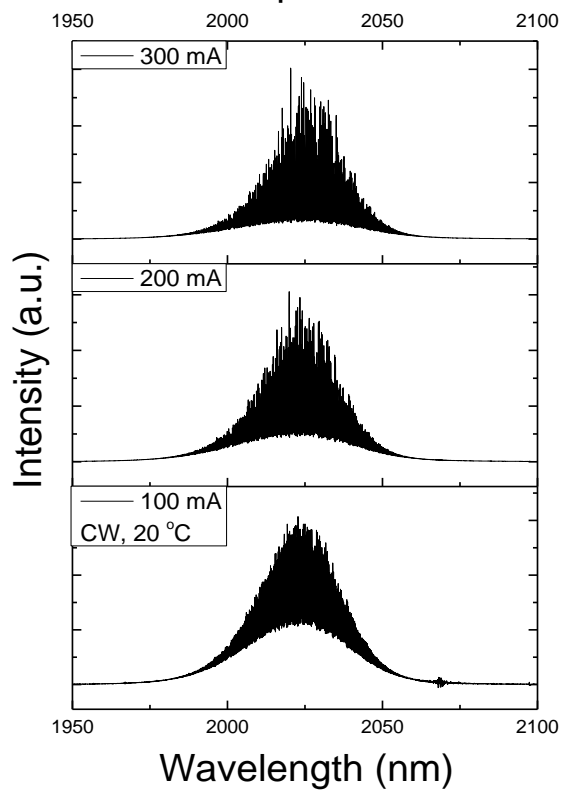


Performance plots

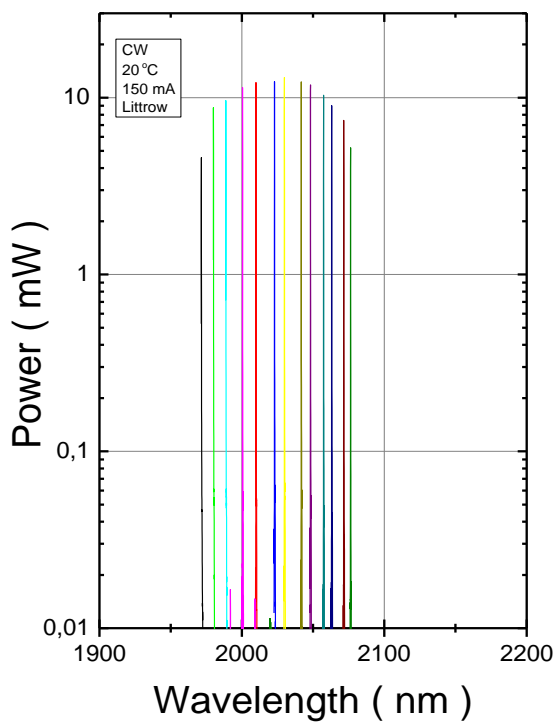
LIV



Spectra



Spectra



Drawings

