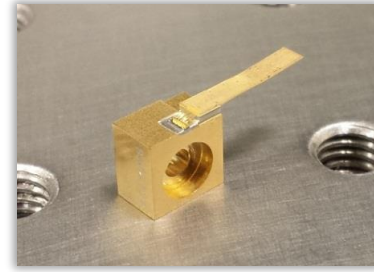


2380 nm Single-Angled-Facet GAIN CHIP

Product number:

Package: C-mount



Specifications

Physical properties

Cavity length	mm	1
Ridge width	μm	5
Emission angle with regard to the facet	deg	23.3
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

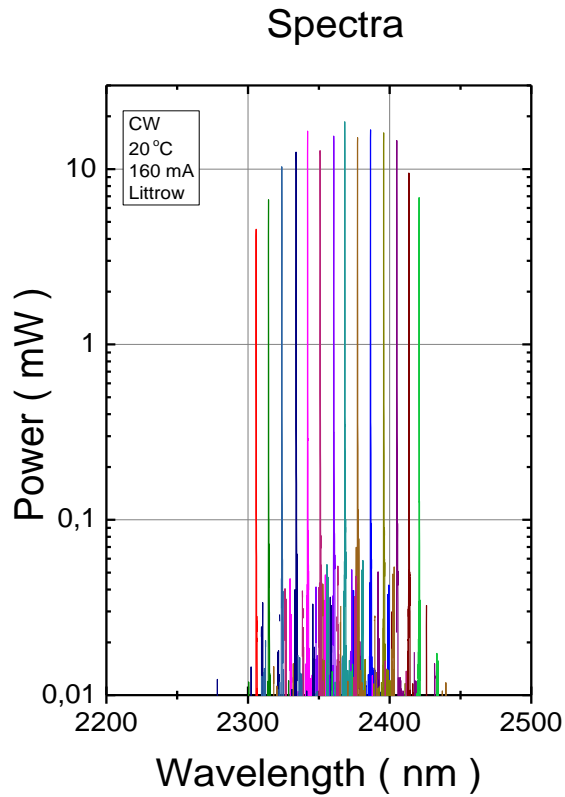
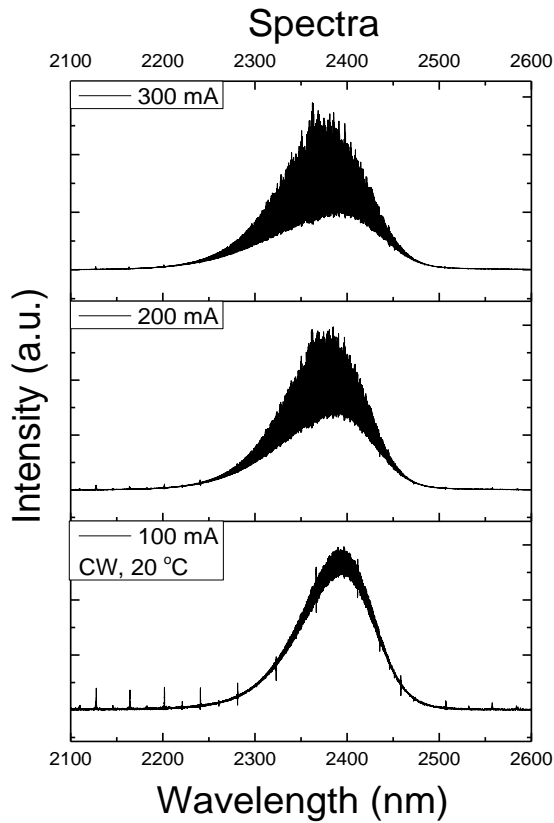
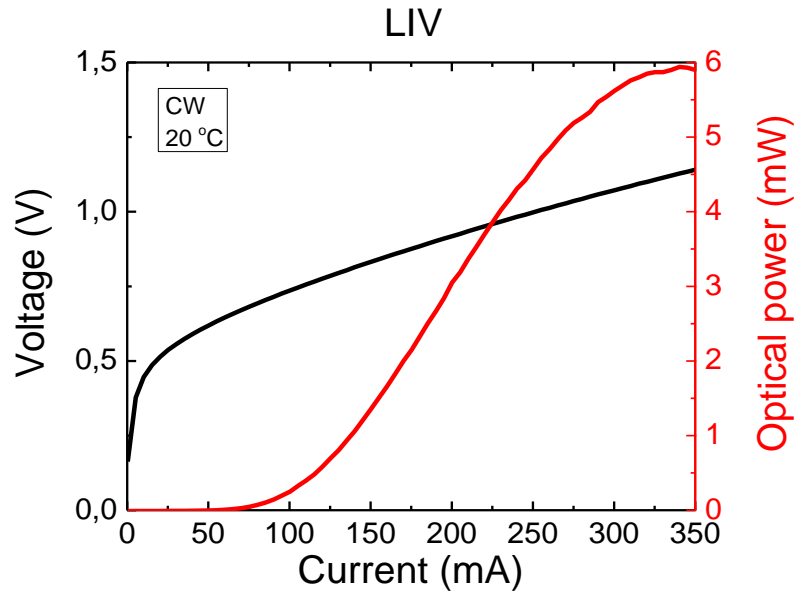
Peak output power	mW	5,95
Center wavelength	nm	2380
Mode		TE ₀₀
Peak output power Littrow	mW	18
Tuning range	nm	116

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

