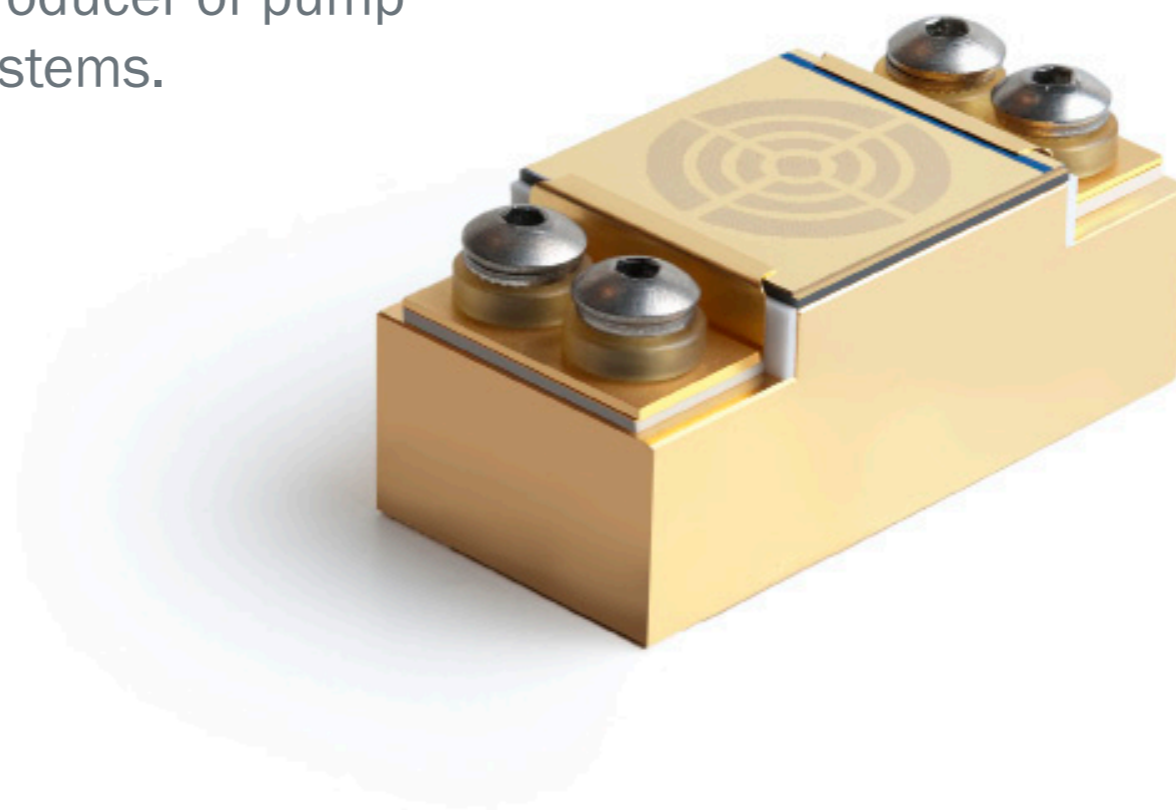


# V1 VCSEL

Lasertel's new 1kW VCSEL array is a new generation of laser diodes from the world's leading producer of pump sources for advanced laser targeting systems.

## WAVELENGTHS:

✦ 808



# V1 QCW

**WAVELENGTH: 808**

TYPICAL OPTICAL PARAMETERS (@25°C)	UNITS	VALUE	
Output Power per Bar	W	500	1000
Operation Mode		QCW	QCW
Emission Area	mm x mm	50	100
Beam Divergence			
Fast Axis (FWHM)	°	10	10
Slow Axis (FWHM)	°	10	10
TYPICAL ELECTRICAL PARAMETERS (@25°C)			
Power Conversion Efficiency	%	40	40
Operating Current	A	110	110
Operating Voltage per Bar	V	11	22
THERMAL PARAMETERS			
Operating Temperature	°C	-40 to 70	-40 to 70
Storage Temperature	°C	-40 to 85	-40 to 85

