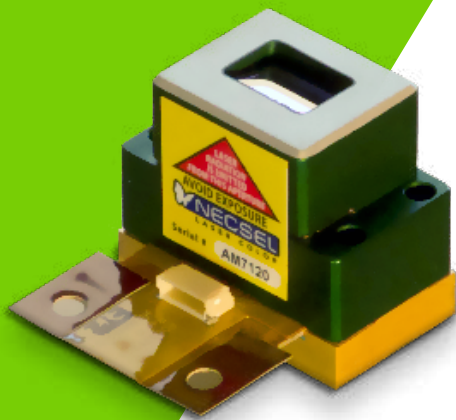




# NECSEL™ GREEN

GREEN LASER ARRAY - 532 NM

Version 1.2



## ENABLING & AFFORDABLE

The Necsel Green Laser uses patented technology to produce wavelengths previously unavailable in the industry. This package produces 3 W of power and is less than one cubic inch. For users who want to get started right away, combine this laser with the Necsel Green Developer's Kit.

### FEATURES

- 3 W of Power\*
- 30,000 hrs of Lifetime\*
- Patented Technology
- Multiple Wavelengths
- Small Footprint
- Optional Fiber-Coupling
- Optional Developer's Kit

### APPLICATIONS

- Digital Projection
- Remote Source Lighting
- Hazardous Lighting
- Forensics
- Scientific
- Medical
- Therapeutic

# SPECIFICATIONS SUMMARY

Parameter	Min	Limits Typ	Max
Operating Power*	3.0 W		
Temperature	35°C		
Wavelength Range	529 nm	-	539 nm

# RECOMMENDED DRIVE CONDITIONS

Operating Voltage	-	2.4 V	3.0 V
Operating Current*	22 A		

# ARRAY SPECIFICATIONS

Number of Rows	2		
Number of Output Beams Per Row	20	-	24
Emitter Pitch Spacing	328 μm		

# FIBER-COUPLING OPTIONS

Connector	SMA-905
Fiber Core Diameter	400 μm
Fiber NA	0.22 or 0.39

# OPTIONAL ACCESSORIES



TRANSPORT FIBER



DEVELOPER'S KIT



FIBER-COUPLED

