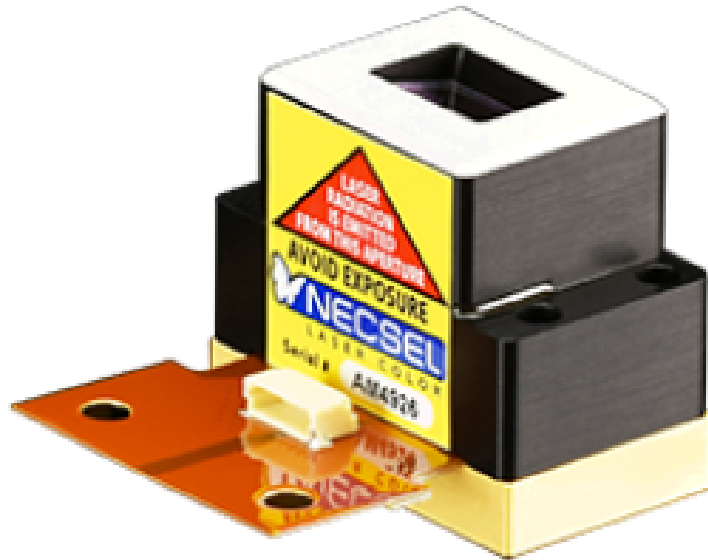


## Products

# NECSEL SHG GREEN

Green 52x 3W

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





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## Optional Accessories



Green Developer's Kit (GDK)



Transport Fiber (400 μm)





Thermal Platform Device

## Features

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- 3W of Power
- 20,000 hours of Lifetime
- Patented Technology
- Multiple Wavelengths
- Small Footprint
- Optional Fiber Coupling with lower power
- Optional Developer's Kit

## Applications

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

## Specification Summary

Parameter	Units	Min	Typical	Max
Operating Power	W	-	3.0	-
Temperature	°C	-	30	40
Wavelength Range	nm	521	-	529

## Driver Requirements

Operating Voltage	V	-	2.4	3.0
Operating Current	A	-	20	25

## Array Specifications

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

## Fiber-Coupling Options

Operating Power	W		2.5	
Connector		-	SMA-905	-
Fiber Core Diameter	μm	-	400	-
Fiber NA		-	0.22	-



## **Stay in Touch**

## **Contact Us**

801 Ames Avenue

Milpitas, CA 95035

+1 (408) 940-0751

Tel: +1 (408) 940-0751

Fax: +1 (408) 404-0817

Careers: [jobs@necsel.com](mailto:jobs@necsel.com) (<mailto:jobs@necsel.com>)

Sales: [sales@necsel.com](mailto:sales@necsel.com) (<mailto:sales@necsel.com>)

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