



NECSEL™ GREEN

GREEN LASER ARRAY - 532 NM

Version 1.1



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	-	534 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 μ m	

FIBER-COUPLING OPTIONS

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

OPTIONAL ACCESSORIES



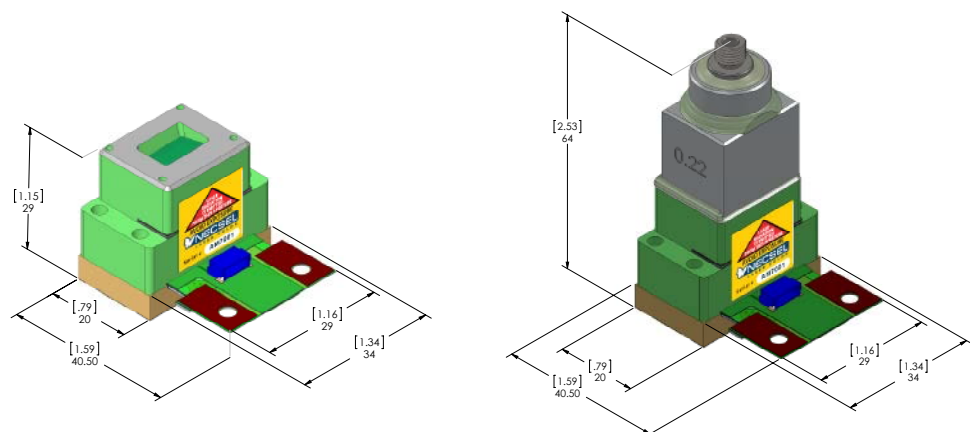
TRANSPORT FIBER



DEVELOPER'S KIT



FIBER-COUPLED



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*Specifications of lifetime, power, and operating current varies depending on product usage.