

Products

NECSEL BLUE

Blue 445 4W

The Necsel Blue Laser contains direct emitting diodes and produces 4W of power. This laser has excellent power conversion efficiency and comes standard in a fiber-coupled package. For users who want to get started right away, combine this laser with the Necsel Blue Developer's Kit.



Optional Accessories





Transport Fiber (400 μm)



Thermal Platform Device



Features

- 4 W of Power
- 30,000 hrs of Lifetime*
- Direct Emitting Diode
- Easily Modulated
- Low Energy Consumption
- Optional Free Space Design
- Optional Developer's Kit

Applications

- Digital Projection
- Remote Source Lighting
- Hazardous Lighting
- Phosphor Illumination
- Laser Light Shows

Medical
Forensics

Specifications Summary

Parameter	Units	Min	Typical	Max
Operating Power	W	-	4.0	-
Temperature	°C	-	30	-
Wavelength	nm	440	445	449

Recommended Drive Conditions

Laser Diode Voltage	V	6.0	9.4	10.4
Operating Current	A	-	1.5	1.7

Fiber-Coupling Options

Connector		-	SMA-905	-
			400(standard)	
Fiber Core Diameter	μm	-	200 (optional, consult factory)	-
Fiber NA		-	0.22	-



Stay in Touch

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