

Products

NECSEL RED

Red 65x 7W

The Necsel Red Laser produces an impressive 7W of power with standard lifetimes of 20,000 hours in a package less than a few cubic inches. This industry standard package has high wall plug efficiency and includes both FAC and SAC lensing. For users who want to get started right away, combine this laser with the Necsel Red Developer's Kit.





Optional Accessories



Red Developer's Kit (RL)



Thermal Platform Device



Transport Fiber (400 μm)





Features

- 7W of Power
- 20,000 hours of Lifetime
- FAC/SAC Lensing Included
- Thermistor Included
- Industry Standard Package
- Optional Fiber Coupling with lower power
- Optional specifications up to 8W
- Optional Developer's Kit

Applications

- Digital Projection
- Remote Source Lighting
- Hazardous Lighting
- Theme Park Attractions

Forensics
Medical
Therapeutics

Specifications Summary

Parameter	Units	Min	Typical	Max
Operating Power	W			7
Temperature	°C		25	
Wavelength Range	nm	654	657	660

Driver Requirements

Laser Diode Voltage	V		2.4	3.0
Operating Current (CW)	A		10	12

Lensing Options

Fast-Axis Collimation	mrad		3	4
Slow-Axis Collimation	mrad		33	40



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>)

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

©2014 Necsel IP, Inc. All rights reserved.