

671nm RED LASER



Changchun New Industries, CNI design and manufacture DPSS laser modules. The MRL emits at 671nm and is suitable for OEM integration and allows the user to own an affordable laser system. It is available in a power range from 5-150mW. This cw unit has optional modulation up to 10 kHz.

FEATURES:

- Wavelength 671 nm
- TEM00 beam
- Power Output 5-150mW
- Value for money
- Reliable
- Excellent Beam Quality
- Low noise option available
- Single Frequency option available

The Red lasers from CNI offer outstanding value when compared to the units supplied by other companies. It is a true solution for OEM integration and the preferred laser of choice for many users around the world.

APPLICATIONS:

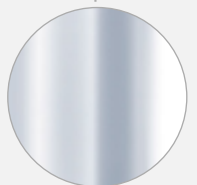
- Laser Display
- Holography
- Ranging



GAS SENSORS



ANALYTICAL INSTRUMENTS

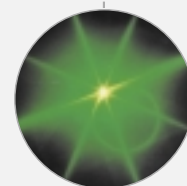


LASERS AND ELECTRO-OPTICS



QUANTUM DIVISION





SPECIFICATIONS

MODEL	MRL-III
Wavelength (nm)	671
Output power (mW)	150, 125, 100, 75, 50, 20, 10, 5
Operating mode	CW
Transverse mode	TEM ₀₀
Beam divergence, full angle (mrad)	<1.0
Beam diameter at the aperture (1/e ²) (mm)	~2.0
M2 factors	<1.2
Power stability (rms, over 4 hours)	<5%
Warm-up time (minutes)	<15
Operating temperature (°C)	15-35
Dimensions of laser head (LxWxH) (mm)	116 x 73 x 46.2
Expected lifetime (hours)	~ 1000
Power supply (VAC/*DC)	220, 110, 5*
Applications	Holography, Activating, Laser display etc.
TTL Modulation (kHz)	Optional, up to 1, 2, 5, 10
Remarks	<ol style="list-style-type: none"> 1. Low noise and single frequency 671nm red laser modules are available. 2. 660nm red laser modules are being developed.

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