



MLL-V-671/1.5-5W



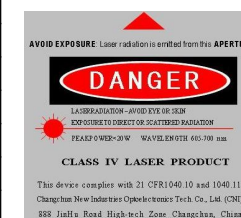
LD PUMPED ALL-SOLID-STATE
LOW NOISE RED LASER

All solid state 671nm low noise laser is made features of ultra compact, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiment, etc.

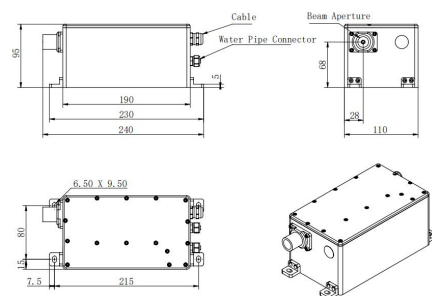


SPECIFICATIONS

Wavelength (nm)	671±1
Operating mode	CW
Output power (W) ¹	1.5-5
Power Stability (rms, 4 hours ± 3°C)	<3%, <2%, (<1% optional)
Transverse mode	TEM ₀₀
Noise of amplitude (rms, 20Hz-20MHz)	<1%
M ²	<1.3
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² , mm)	~2.0
Warm-up time (minutes)	<10
Pointing Stability(urad) (over 2 hours after warm-up and ±3°C)	<50
Pointing Stability Over Temperature (urad/°C)	<20
Polarization ratio	>50:1(>100:1 optional), Vertical(Horizontal optional)
Beam height from base plate (mm)	68
Cooled method	Water Cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-W-LED
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000

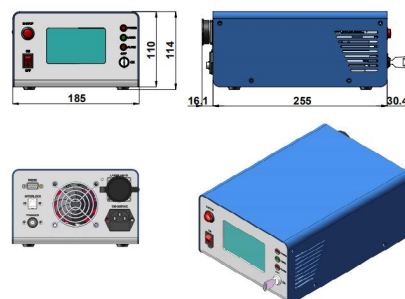


LASER HEAD



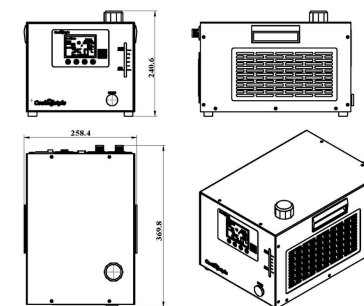
240 (L) × 110 (W) × 95 (H) mm³, 3.8 kg

POWER SUPPLY



301.5 (L) × 185 (W) × 114 (H) mm³, 3.0 kg

WATER CHILLER (WCH-580)



369.8 (L) × 258.4 (W) × 240.6 (H) mm³, 10.5 kg

1 Any power level can be selected in this range.

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068