



MLL-F-532/1.5-2.5W



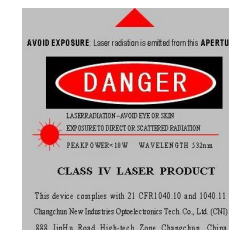
LD PUMPED ALL-SOLID-STATE LOW NOISE GREEN LASER

All solid state 532nm low noise green laser is made features of ultra compact, long lifetime, and easy operating, which is widely used in DNA sequencing, flow cytometry, cell sorting, instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiments etc.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	CW	
Output power (W)	1.5- 2.5	1.5
Power Stability (rms, 4 hours ± 3°C)	<3%, <2%, (<1% optional)	
Transverse mode	TEM ₀₀	
Spectral linewidth (nm)	<0.1	<0.003
Noise of amplitude (rms, 20Hz-20MHz)	<1%	
M ²	<1.1	
Beam divergence, full angle (mrad)	<1.2	
Beam diameter at the aperture (1/e ² , mm)	~1.2	
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	>100:1, Horizontal(Vertical optional)	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10-35	
Power supply (100-240VAC)	PSU-H-FDA/PSU-H-LED/PSU-H-OEM	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional	
Expected lifetime (hours)	>10000	



LASER HEAD	POWER SUPPLY (PSU-H-FDA) ²	POWER SUPPLY (PSU-H-LED) ³	POWERSUPPLY (PSU-H-OEM)
204.5 (L) × 88 (W) × 74 (H) mm³, 2.3 kg	275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg	275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg	182 (L) × 140.5 (W) × 52 (H) mm³, 0.85 kg

1 Any power level can be selected in this range.

2 Fixed output power.

3 Output power adjustable 10-100%.

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