



Your source for high quality, affordable lasers

DATA SHEET

LOW NOISE LD PUMPED ALL- SOLID-STATE GREEN LASER AT 532nm

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



Model: **MLL-III-532/1~300mW**

Wavelength (nm)	532 ± 1	
Output power (mW)	>1,5,10, 20,..., 300	
Transverse mode	TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Noise of amplitude (rms, 20Hz~20MHz)	<1%, <0.5%	
Warm-up time (minutes)	<10	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at 1/e ² (mm)	~1.2	
Beam height from base plate (mm)	24.8	
Polarization ratio	>100:1 (0 or 90 degree)	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-FDA	PSU-III-OEM
Expected lifetime (hours)	10,000	
Warranty period	1 year	

MxL-III-532	Dimensions	PSU-III-FDA	PSU-III-OEM
	<p>140.5(L) × 73(W) × 46.2(H) mm³, 0.6kg</p>	<p>171 (L) × 130(W) × 62.2(H) mm³, 1.2kg</p>	<p>100 (L) × 62(W) × 55 (H) mm³, 0.2 kg</p>