

Opto Engine LLC

Data sheet

Rev. 0912

MLL-H-532/500~1400mW

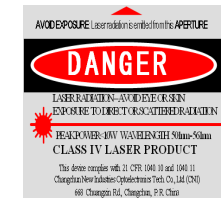
LD PUMPED ALL-SOLID-STATE LOW NOISE GREEN LASER

All solid state 532nm green laser is made features of ultra compact, 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.



SPECIFICATIONS

Wavelength (nm)	532±1	
Output power (mW)	>500, 550, 600, ..., 1400	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<15	
M ² factor	<2.0	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (mm)	~3.0	
Beam height from base plate (mm)	29	
Polarization ratio	>100:1	
Noise of amplitude (rms, 1~20MHz)	<1%	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-H-532	PSU-H-FDA	PSU-H-OEM
<p>155(L)×77(W)×60(H) mm³, 0.9 kg</p>	<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	<p>238 (L) ×146(W) ×94 (H) mm³, 2.2 kg</p>