

Opto Engine LLC

Data sheet

Rev. 0912

MLL-N-532/3000~5000mW

LOW NOISE GREEN LASER AT 532 nm

Low noise green laser at 532nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	532±1	
Output power (mW)	>3000, 3500, 4000, ..., 5000	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Noise of amplitude (rms, 1~20MHz)	<1%	
Warm-up time (minutes)	<10	
M ² factor	<3.0	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~3.0	
Beam height from base plate (mm)	68.2	
Polarization ratio	>100:1	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MXL-N-532	PSU-H-LED	PSU-H-FDA
<p>235(L)×99(W)×94(H) mm³, 2.6 kg</p>	<p>240 (L) ×146(W) ×108 (H) mm³, 2.6 kg</p>	<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>