

Opto Engine LLC

Data sheet

Rev. 0912

MLL-W-532/3000~15000mW

LD PUMPED ALL-SOLID-STATE LOW NOISE GREEN LASER

All solid state 532nm low noise laser is made features of ultra compact, long lifetime, low cost 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)	532±1
Output power (mW)	>3000, 3500, 4000, ..., 15000
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	3.0~6.0
Beam divergence, full angle (mrad)	<2. 0
Beam diameter at the aperture (mm)	~4. 0
Beam height from base plate (mm)	93.5
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-W-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



<p>MxL-W-532</p> <p>333(L)×140(W)×125(H) mm³, 6.1 kg</p>	<p>Dimensions</p> <p>140, 150, 21.50, 125, 4-5*15, 93.5, 125, 33, 300</p>	<p>PSU-W-FDA</p> <p>307 (L) ×168(W) ×123(H) mm³, 5.1 kg</p>	<p>Dimensions</p> <p>168, 123, 307, 116, 4.5, 8</p>
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