

# Opto Engine LLC

## Data sheet

Rev. 0912

MGL-W-532/5000~15000mW

### LD PUMPED ALL-SOLID-STATE 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 collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



#### SPECIFICATIONS

Wavelength (nm)	532±1	
Output power (mW)	>5000, 5500, 6000, ..., 15000	
Transverse mode	Near TEM <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<10	
M <sup>2</sup> 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	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA
TTL modulation/ Analog modulation	Optional, 2kHz or higher (others on request, up to 30kHz)	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-W-532	PSU-W-LED	PSU-W-FDA
 <p>333(L)×140(W) ×125(H) mm<sup>3</sup>, 6.1 kg</p>	 <p>300 (L) ×162(W) ×134(H) mm<sup>3</sup>, 5.2 kg</p>	 <p>307 (L) ×168(W) ×123(H) mm<sup>3</sup>, 5.1 kg</p>
