

# Opto Engine LLC

## Data sheet

Rev. 0912

MGL-W-593.5/400~800mW

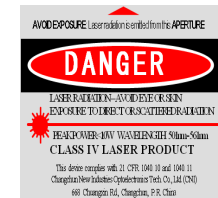
### LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 593.5nm

All solid state 593.5nm yellow 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, etc.



#### SPECIFICATIONS

Wavelength (nm)	593.5 ± 1	
Output power (mW)	>400, 450, 500, ..., 800	
Transverse mode	Near TEM <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<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	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-W-593.5	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>