## **Opto Engine LLC**

## MGL-N-589/300~800mW



LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 589nm

All solid state laser at 589nm is made features of ultra compact, long lifetime and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.

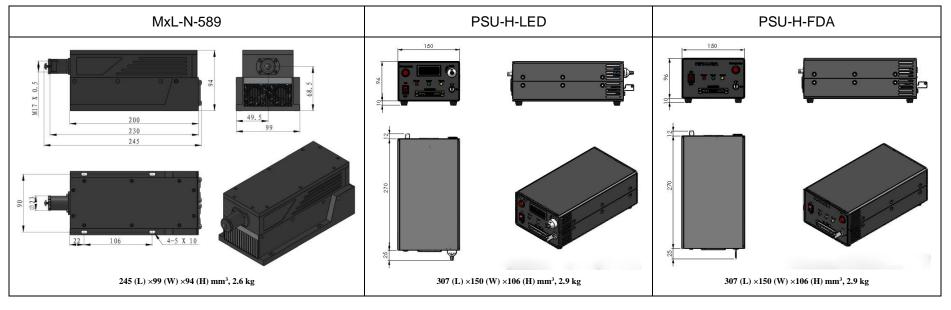


## SPECIFICATIONS

Wavelength (nm)	589±2		
Operating mode	CW		
Output power (mW)	>300, 400, 500,,800		
Power stability (rms, over 4 hours)	<3%, <5%		
Transverse mode	Near TEM <sub>00</sub>		
M <sup>2</sup> factor	<3.0		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3.0		
Warm-up time (minutes)	<10		
Polarization ratio	>100:1		
Beam height from base plate (mm)	68.5		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional		
Expected lifetime (hours)	10000	10000	
Warranty period	1 year		







Opto Engine LLC 7397 Balboa Dr. Midvale, Utah 84047 USA Tel: (801) 553-2253 Email: info@OptoEngine.com Website: www.OptoEngine.com

## **Data sheet**

Rev. 2102