

## DATA SHEET

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

All solid state 589nm yellow lasers 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.



Model: MGL-W-589/1000~3000mW

Wavelength ( nm )	589 ±2nm	
Output Power ( mW )	>1000, 1500, 2000, 2500, 3000	
Transverse Mode	Near TEM <sub>00</sub>	
Operating Mode	CW	
Power stability (rms, over 4 hours)	10%	
Warm-up time (minutes)	<3%, <5%, <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	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10,000	
Warranty period	1 year	

MxL-W-589	Dimensions	PSU-W-LED	PSU-W-FDA
	<p>333(L) ×140(W) ×125(H) mm<sup>3</sup>, 6.1kg</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>, 5.1kg</p>