

MGL-F-577/1-800mW



### LD PUMPED ALL-SOLID-STATE YELLOW LASER

All solid state 577nm yellow laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



#### SPECIFICATIONS

Central wavelength (nm)	577 ± 2	
Operating mode	CW	
Output power (mW)	>10, 20, 50, ..., 500mW	>500, ..., 800mW
Power stability (rms, over 4 hours)	<3%, <5%, <10%	
Transverse mode	TEM <sub>00</sub>	Near TEM <sub>00</sub>
M <sup>2</sup> factor	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~2.5	
Beam divergence, full angle (mrad)	<1.5	
Beam height from base plate (mm)	45	
Polarization ratio	>100:1 Horizontal ±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Modulation option	TTL on/off, 1Hz-1KHz	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MXL-F-577	PSU-H-LED	PSU-H-FDA
<p>211 (L) x 88 (W) x 74 (H) mm<sup>3</sup>, 1.6 kg</p>	<p>277 (L) x 145 (W) x 106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>236 (L) x 145 (W) x 104 (H) mm<sup>3</sup>, 2.3 kg</p>