

MGL-F-588/1~300mW



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

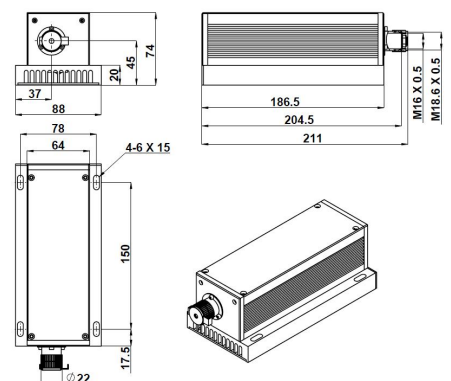

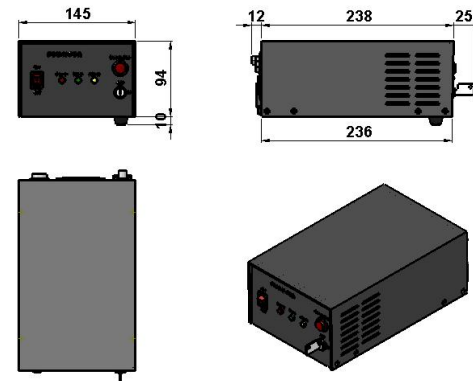
All solid state 588nm yellow laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Central wavelength (nm)	588±2
Operating mode	CW
Output power (mW)	>1, 10, 20, ..., 300
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Transverse mode	TEM <sub>00</sub>
M <sup>2</sup> factor	<2.0
Beam diameter at the aperture 1/e <sup>2</sup> (mm)	~3.0
Beam divergence, full angle (mrad)	<2.0
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	45
Operating temperature (°C)	10~35
Power supply (100-240VAC)	PSU-H-LED/PSU-H-FDA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty period	1 year



MxL-F-588	PSU-H-LED	PSU-H-FDA
 <p>211 (L) × 88 (W) × 74 (H) mm<sup>3</sup>, 1.6 kg</p>	 <p>277 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>275 (L) × 145 (W) × 104 (H) mm<sup>3</sup>, 2.3 kg</p>