

MBL-F-473/100~500mW



LD PUMPED ALL-SOLID-STATE BLUE LASER

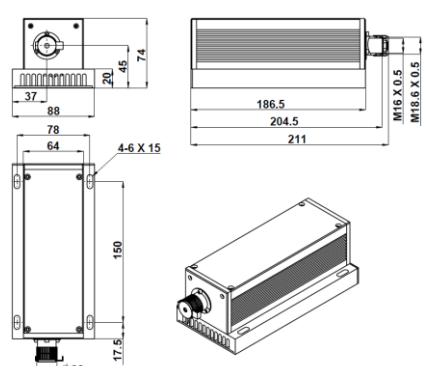

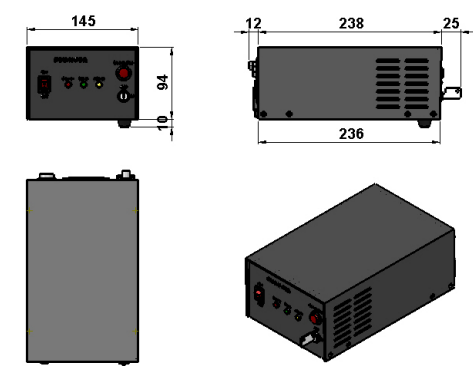
All solid state 473 nm blue laser is made features of ultra compact, long lifetime, cost -effectiveness low cost and easy operating, which is used in experiment, fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.



SPECIFICATIONS

Central wavelength (nm)	473 ± 1	
Operating mode	CW	
Output power (mW)	>100,150,..., 300	>300,400,...,500
Power stability (rms, over 4 hours)	<3%, <5%, <10%	
Transverse mode	TEM ₀₀	Near TEM ₀₀
Noise of amplitude (rms, 1~20MHz)	~30%	
M ² factor	<2. 0	
Beam diameter at the aperture (1/e ² , mm)	~3. 0	
Beam divergence, full angle (mrad)	<1. 5	
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 (90-264VAC)	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-473	PSU-H-LED	PSU-H-FDA
 <p>211(L)×88(W)×74(H) mm³, 1.6 kg</p>	 <p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	 <p>236(L) ×145(W) ×104(H) mm³, 2.3 kg</p>