

MSL-F-589/1~150mW

**SINGLE LONGITUDINAL MODE
YELLOW LASER AT 589 nm**


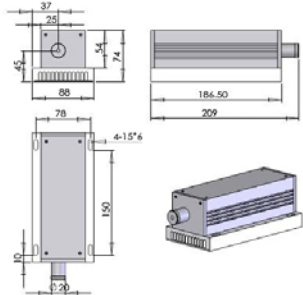

All solid state single longitudinal mode yellow laser at 589 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	589±1
Output power (mW)	1,10,20,30,.....,150
Transverse mode	Near TEM ₀₀
Longitude mode	Single
Operating mode	CW
Power Stability (rms,over 4 hours)	<3%,<5%,<10%
Warm-up Time (minutes)	<10
M ² factor	<2.0
Beam divergence,full angle (mrad)	<2.0
Beam Diameter at the aperture (mm)	~3.0
Beam height from base plate (mm)	45
Spectral linewidth (nm)	< 0.00001
Pointing stability after warm-up (mrad)	<0.05
Noise of amplitude (rms,1~20MHz)	<0.5%
Coherence length (m)	>50
Polarization ratio	> 100:1
Operating temperature(°C)	15~35
Power supply (100-240VAC)	PSU-H-FDA
Modulation	Modulation isn't available.
Expected lifetime (hours)	10000
Warranty	1 year



MxL-F-589	Dimension	PSU-H-FDA	Dimension
 <p>209(L)×88(W)×74(H) mm³, 1.6 kg</p>		 <p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	