

MLL-FN-594/1~50mW



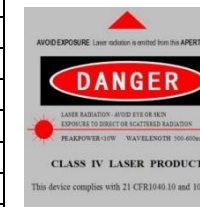
LD PUMPED ALL-SOLID-STATE LOW NOISE LASER AT 594nm

All solid state 594nm low noise laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, treatment, scientific experimental, medical instrument, etc

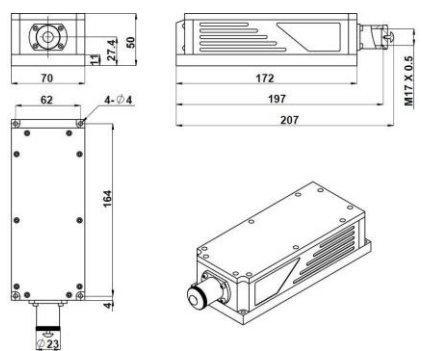
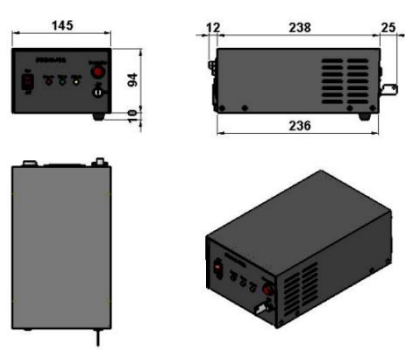
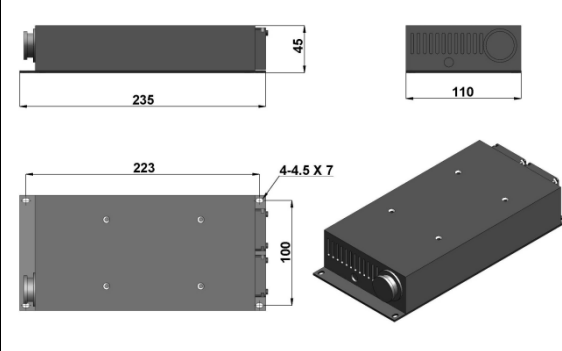


SPECIFICATIONS

Wavelength (nm)	594±1
Operating mode	CW
Output power (mW)	1~50
Power stability (rms, over 4 hours)	<3%, <2%
Spectral linewidth (nm)	<0.1
Transverse mode	TEM ₀₀
Noise of amplitude (rms, 1Hz~20MHz)	<1%
M ² factor	<1.5
Beam diameter at the aperture (1/e ² , mm)	<1.5
Beam divergence, full angle (mrad)	<2.0
Beam height from base plate (mm)	27.4
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Max. laser head base plate temp. (°C)	50
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-OEM/PSU-H-FDA
Expected lifetime (hours)	10000
Warranty	1 year



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MLL-FN-594	PSU-H-FDA	PSU-H-OEM
 <p>197(L)×70(W)×50(H) mm³, 1.5kg</p>	 <p>275(L) ×145(W) ×104(H) mm³, 2.3kg</p>	 <p>235(L)×110(W) ×45(H) mm³, 1.1kg</p>