

MLL-III-1112/1~100mW

LOW NOISE INFRARED LASER AT 1112nm

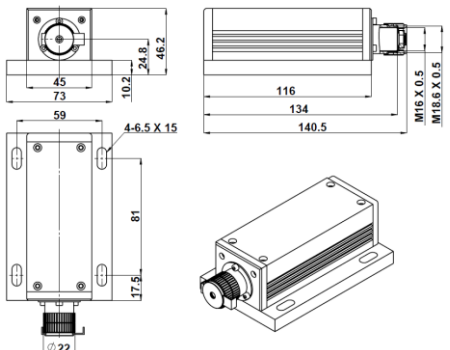
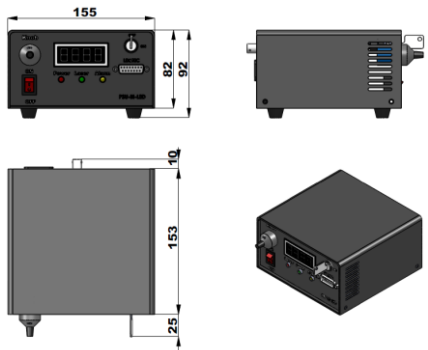
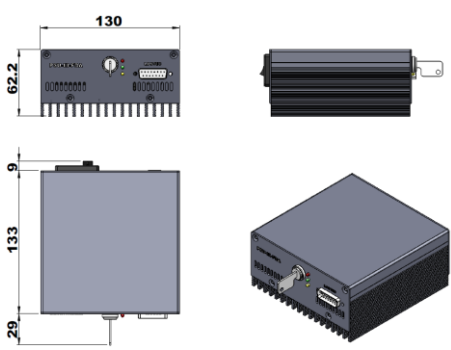
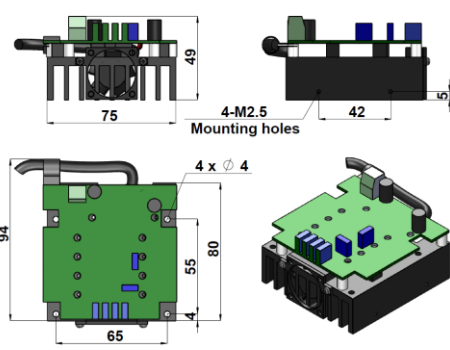
All solid state low noise infrared laser at 1112 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, measurement, optical instrument, optical sensor, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	1112 ± 3		
Operating mode	CW		
Output power (mW)	>1, 5, 10...100		
Power stability (rms, over 4 hours)	<3%, <5%		
Transverse mode	TEM ₀₀		
Noise of amplitude(rms, 20Hz~20MHz)	<1%		
M ² factor	<1.5		
Beam diameter at the aperture 1/e ² (mm)	~1.5		
Beam divergence, full angle (mrad)	<1.5		
Warm-up time (minutes)	<10		
Pointing stability after warm-up (mrad)	<0.05		
Beam height from base plate (mm)	24.8		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM-97
Expected lifetime (hours)	10000		
Warranty	1 year		



MxL-III-1112	PSU-III-LED	PSU-III-FDA	PSU-III-OEM-97
 <p>140.5 (L) × 73 (W) × 46.2 (H) mm³, 0.6kg</p>	 <p>153 (L) × 155(W) × 92 (H) mm³, 1.5kg</p>	 <p>133 (L) × 130(W) × 62.2 (H) mm³, 1.2kg</p>	 <p>94(L) × 75(W) × 49(H) mm³, 0.23kg</p>