

MLL-III-505L/1~80mW



LOW NOISE GREEN LASER  
MODULE AT 505nm

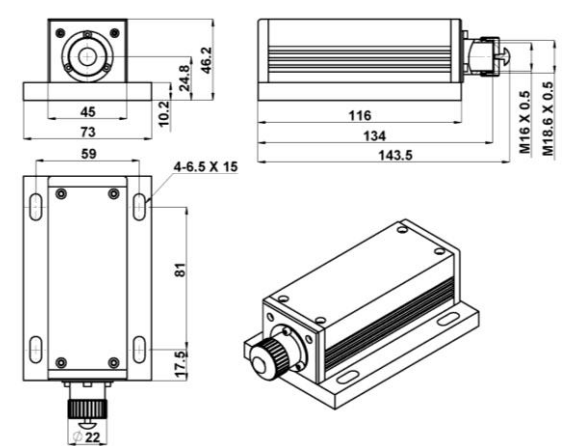
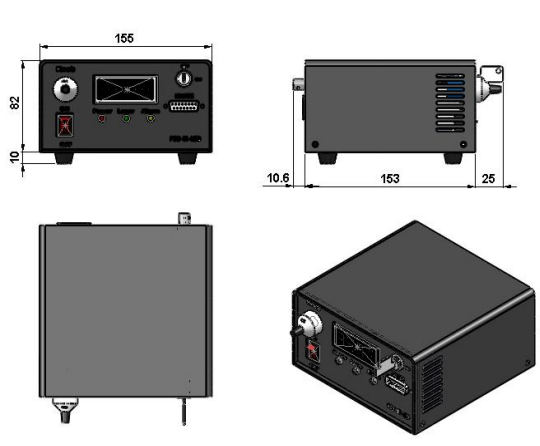
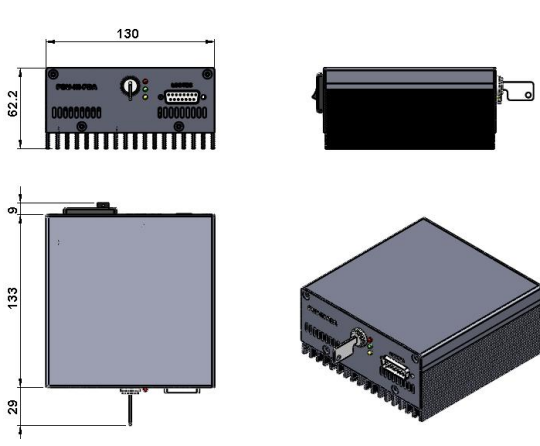
Low noise green laser module at 505nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which can be widely used in biological, medical, laser pumping, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	505 ±5	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ..., 80	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Near TEM <sub>00</sub>	
Noise of amplitude(rms,20Hz~20MHz)	<1%	
M <sup>2</sup> factor	<1.5 (<1.2, optional)	
Beam diameter at the aperture ((1/e <sup>2</sup> ,mm)	~2.5 (~1.2, optional)	
Beam divergence, full angle (mrad)	0.5	
Polarization ratio	>50:1 (>100:1, optional) Horizontal ±5 degree (Vertical Optional)	
Warm-up time (minutes)	<5	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (85-264VAC)	PSU-III-LED	PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-505L	PSU-III-LED	PSU-III-FDA
 <p>143.5(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.7kg</p>	 <p>188.6 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	 <p>171(L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</p>