

MLL-III-520/1~800mW

SPECIFICATIONS

LOW NOISE GREEN LASER
MODULE AT 520 nm

Green laser module at 520 nm is made features of ultra compact, long lifetime, and easy operating, which is widely used in laser projection, laser shows, biomedical applications, holography, metrology, etc.



Wavelength (nm)	520±5	
Output power (mW)	>1, 100, 200, ..., 800	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Spectral linewidth (nm)	~0.5	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Coherent length (cm)	>20	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	1.5	
Beam diameter at 1/e ² (mm)	~2.7×2.7 (1/e ²)	
Beam height from base plate (mm)	24.8	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-III-LED	PSU-III-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-III-520	PSU-III-LED	PSU-III-FDA
<p>139(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) ×65 (H) mm³, 1.2kg</p>