

DATA SHEET

GREEN LASER MODULE AT 510NM

Green laser module at 510nm is made features of ultra-compact, long lifetime, and easy operating, which can be widely used in biological, medical, laser pumping, scientific research, etc.



Model: MDL-III-510/1~30mW

Wavelength (nm)	510 ±5nm		
Output Power (mW)	>5, 10, 20, 30		
Transverse Mode	Near TEM ₀₀		
Operating Mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
Beam divergence, full angle (mrad)	<1.0		
Beam diameter at the aperture (mm)	~3.0		
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	PSU-III-OEM
Expected lifetime (hours)	10,000		
Warranty period	1 year		

MxL-III-510	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
<p>139(L) ×73(W) ×46.2(H) mm³, 0.6kg</p>	<p>154 (L) ×155(W) ×95 (H) mm³, 1.5 kg</p>	<p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>	<p>100 (L) ×62 (W) ×56 (H) mm³, 0.2 kg</p>