



Your source for high quality, affordable lasers

Model: **MRL-III-660/1~100mW**

DATA SHEET

LD PUMPED ALL-SOLID-STATE RED DIODE LASER AT 660nm

All solid state 660nm red lasers is made features of ultra-compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show, etc.

Wavelength (nm)	660 ± 1nm		
Output Power (mW)	>10, 20, 50, ..., 100		
Transverse Mode	Near TEM ₀₀		
Operating Mode	CW		
Power stability (rms, over 4 hours)	<5%, <10%		
Warm-up time (minutes)	<10		
M ² factor	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Dimensions of beam at 1/e ² (mm)	~1.2		
Beam height from base plate (mm)	24.8		
Polarization ratio	>100:1 (0 or 90 degree)		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-FDA	PSU-III-LED	PSU-III-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, and TTL on/off		
Expected lifetime (hours)	10,000		
Warranty period	1 year		



MxL-III-660	PSU-III-FDA	PSU-III-LED	PSU-III-OEM
<p>140.8(L) × 73(W) × 46.2(H) mm³, 0.6kg</p>	<p>133 (L) × 130(W) × 65 (H) mm³, 1.2kg</p>	<p>154 (L) × 155(W) × 95 (H) mm³, 1.5 kg</p>	<p>100 (L) × 62(W) × 56 (H) mm³, 0.2 kg</p>