



MRL-III-656.5/1~50mW



**LD PUMPED ALL-SOLID-STATE
RED LASER AT 656.5 nm**

All solid state 656.5 nm red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and medical, etc.



SPECIFICATIONS

Wavelength (nm)	656.5 ± 1
Output power (mW)	>1, 5, 10, 20, ... , 50
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
Beam diameter at 1/e ² (mm)	~1.2
Beam height from base plate (mm)	24.8
Polarization ratio	>50:1 (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-LED/PSU-III-FDA/PSU-III-OEM
Expected lifetime (hours)	10000
Warranty	1 year



MxL-III-656.5	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
<p>140.8(L) × 73(W) × 46.2(H) mm³, 0.6 kg</p>	<p>188 (L) × 155(W) × 92 (H) mm³, 1.5kg</p>	<p>171 (L) × 130(W) × 62.2 (H) mm³, 1.2 kg</p>	<p>94 (L) × 75(W) × 49 (H) mm³, 0.23 kg</p>