



MLL-III-690 /1~800mW

**LOW NOISE RED DIODE LASER  
At 690nm**

Low noise red diode laser module at 690nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	690±5	
Operating mode	CW	
Output power (mW)	>1, 100, 200, ... , 800	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Multimode	
Noise of amplitude(rms,20Hz~20MHz)	<1%	
Beam diameter at the aperture (mm)	~5×8	
Beam divergence, full angle (mrad)	<3.0	
Warm-up time (minutes)	<5	
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-690	PSU-III-LED	PSU-III-FDA
<p>146 (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>