



MRL-III -690(Round spot) /1~100mW

RED DIODE LASER  
At 690nm





Diode red laser 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		
Output power (mW)	>1, 5, 10, ..., 100		
Energy distribution	Even		
Beam Spot	Round		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
Beam divergence, full angle (mrad)	<8.0		
Dimensions of beam at the aperture (mm)	~2.0		
Beam height from base plate (mm)	24.8		
Polarization ratio	>50:1		
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 -690	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
 140.8(L)×73(W)×46.2(H) mm <sup>3</sup> , 0.6kg	 154 (L) ×155(W) ×95 (H) mm <sup>3</sup> , 1.5kg	 133 (L) ×130(W) ×65 (H) mm <sup>3</sup> , 1.2kg	 100 (L) ×60(W) ×56 (H) mm <sup>3</sup> , 0.2kg
