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## **DATA SHEET**

## RED DIODE LASER AT 690nm

Diode red laser 690nm is made features of ultracompact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.





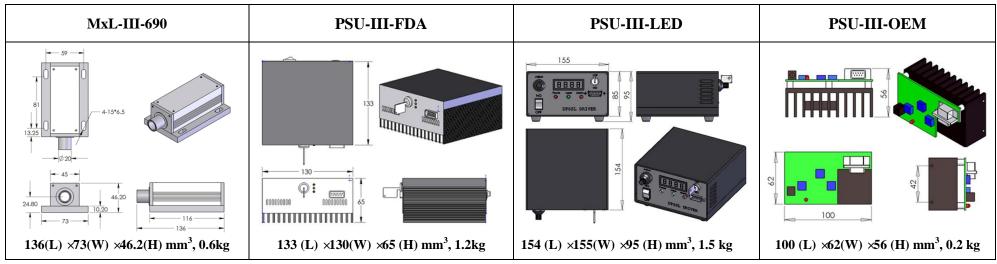






## **Model:** MRL-III-690/1~800mW

Wavelength ( nm )	690 ±5nm
Output Power ( mW )	>100, 200, 300,, 800
Transverse Mode	Near TE <sub>00</sub>
Operating Mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
M <sup>2</sup> factor	<20
Beam divergence, full angle (mrad)	<3.0
Dimensions of beam at aperture (mm)	~5 x 8
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-FDA PSU-III-LED PSU-III-OEM
Expected lifetime (hours)	10,000
Warranty period	1 year



http://www.ultralasers.com