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DATA SHEET

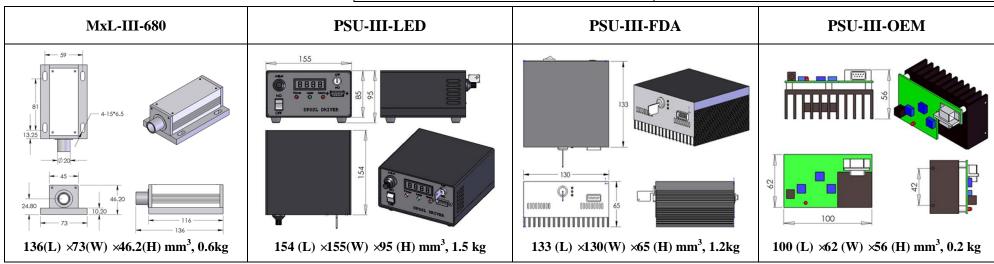
LOW NOISE RED DIODE LASER AT 680nm

Diode low noise red laser 680nm 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.



Model: MLL-III-680/1~1000mW

Wavelength (nm)	680 ±5nm			
Output Power (mW)	>10, 20, 50, 1000			
Transverse Mode	Near TEM ₀₀			
Operating Mode	CW			
Power stability (rms, over 4 hours)	<1%, <3%, <5%			
Noise of amplitude (rms, 1~20MHz)	<1%			
Warm-up time (minutes)	<5			
M ² factor	<20			
Beam divergence, full angle (mrad)	<3.0			
Dimensions of beam at the aperture (mm)	~5x8			
Beam height from base plate (mm)	24.8	24.8		
Polarization ratio	>50:1	>50:1		
Pointing stability after warm-up (mrad)	<0.05	<0.05		
Operating temperature (°C)	10~35	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM	
Expected lifetime (hours)	10,000	10,000		
Warranty period	1 year	1 year		



http://www.ultralasers.com