



MLL-III-705L /1~25mW

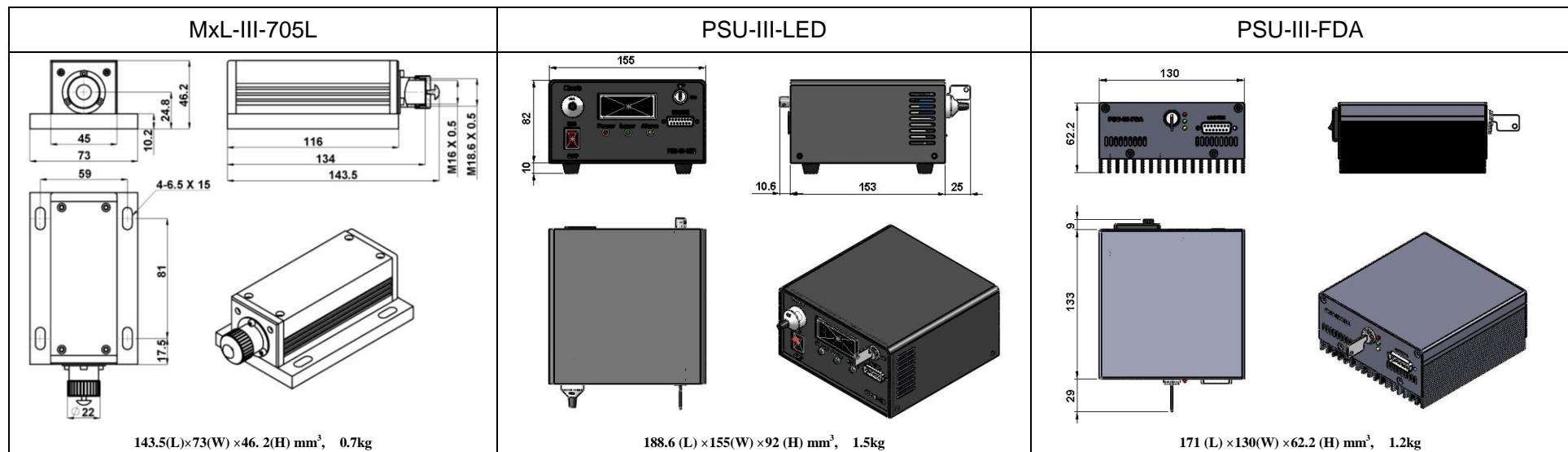
LOW NOISE RED DIODE LASER AT 705nm

Low noise red diode laser at 705nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	705±10
Operating mode	CW
Output power (mW)	>1, 5, 10,..., 25
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Transverse mode	Near TEM ₀₀
Noise of amplitude(rms,20Hz~20MHz)	<1%
Dimensions of beam at the aperture (1/e ² ,mm)	~3.0
Beam divergence, full angle (mrad)	<1.0
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	24.8
Operating temperature (°C)	10~35
Power supply (85-264VAC)	PSU-III-LED
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional
Expected lifetime (hours)	10000
Warranty	1 year



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