

DATA SHEET

LOW NOISE DIODE LASER AT 750nm



Low noise red laser module at 750nm is made features of ultra-compact, long lifetime, cost effective and easy operating, which is used in measurement, optogenetics research, communication, spectrum analysis, etc.



Model: MLL-III-750/1~2000mW

Wavelength (nm)		750 ± 5
Output power (mW)		>1, 100, 200, ... 2000
Transverse mode		Multimode
Operating mode		CW
Power stability (rms, over 4 hours)		<1%, <2%, <3%, optional
Noise of amplitude (rms, 20~20MHz)		<1%
Warm-up time (minutes)		<5
Beam divergence, full angle (mrad)		<3
Beam dimensions at the aperture (mm)		~5 x 8
Beam height from base plate (mm)		24.8
Operating temperature (°C)		10~35
Power supply	85-264VAC	PSU-III-LED/PSU-III-FDA (frequency 1Hz-100kHz)
	100-240VAC	PSU-A-D (frequency 30kHz-100kHz)
Modulation		TTL or Analog (from 1Hz to 100kHz, optional)
Expected lifetime (hours)		10,000
Warranty period		1 year

MLL-III-750	PSU-III-LED	PSU-III-FDA	PSU-A-D
<p>146(L) × 73(W) × 46.2(H) mm³, 0.7kg</p>	<p>188.6(L) × 155(W) × 92(H) mm³, 1.5kg</p>	<p>171(L) × 130(W) × 62.2(H) mm³, 1.2kg</p>	<p>162(L) × 144(W) × 70(H) mm³, 1.0kg</p>