

MLL-III-635 /200~500mW

LOW NOISE RED LASER At 635nm




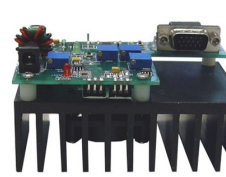
Low noise red diode laser 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	635 ± 10
Output power (mW)	>200, 300, ..., 500
Transverse mode	Multimode
Operating mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<10
M ² factor	<20
Beam divergence, full angle (mrad)	<2.5
Dimensions of beam at the aperture (mm)	~5×8
Beam height from base plate (mm)	24. 8
Polarization ratio	>50:1
Noise of amplitude (rms, 20Hz~20MHz)	<1%
Pointing stability after warm-up (mrad)	<0.05
Shock Tolerance (6ms)	7g laterally, 15g vertically
Operating temperature (°C)	10~35
Power supply (85-264VAC or 5VDC)	PSU-III-LED/ PSU-III-FDA/ PSU-III-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off
Expected lifetime (hours)	10000
Warranty	1 year



MxL-III-635	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
 <p>146(L)×73(W)×46. 2(H) mm³, 0.7kg</p>	 <p>188 (L) ×155(W) ×92 (H) mm³, 1.5kg</p>	 <p>171 (L) ×130(W) ×62.2 (H) mm³, 1.2kg</p>	 <p>100 (L) ×62(W) ×55 (H) mm³, 0.2kg</p>
