

MLL-III-462/1~800mW

### LOW NOISE BLUE DIODE LASER AT 462 nm

Low noise blue diode laser module at 462 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used industry and scientific research.



#### SPECIFICATIONS

Wavelength (nm)	462±3	
Output power (mW)	>1,,100, 200,,.,800	
Transverse mode	Multimode	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	<2.5×0.2	
Dimensions of beam at the aperture (mm)	~2×5	
Beam height from base plate (mm)	24.8	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply	PSU-III-LED	PSU-III-FDA
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-III-462	PSU-III-LED	PSU-III-FDA
 <p>143.5(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.7kg</p>	 <p>188 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	 <p>171 (L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</p>
		