

MLL-III-488/50~150mW

### LOW NOISE BLUE LASER AT 488 nm

Low noise blue laser module at 488 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in medical imaging, flow cytometry, DNA sequencing, etc.



### SPECIFICATIONS

Wavelength (nm)	488±5	
Operating mode	CW	
Output power (mW)	>50, 60, ..., 150	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Near TEM <sub>00</sub>	
Noise of amplitude(rms,20Hz~20MHz)	<1%	
M <sup>2</sup> factor	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3.0	
Beam divergence, full angle (mrad)	~1.0	
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (85-264VAC)	PSU-III-LED	PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	

