

### MDL-III-488L/1~50mW

### BLUE LASER AT 488 nm

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	
Output power (mW)	>1, 2, 3, ...,50	
Transverse mode	Near TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.3	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, 3%	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	0.5	
Beam diameter at the aperture (mm)	~3.5	
Polarization ratio	>100:1	
Beam height from base plate (mm)	24.8	
Pointing stability after warm-up (μrad/°C)	<6	
Operating temperature (°C)	10~45	
Power supply (90-264VAC)	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-488	PSU-III-LED	PSU-III-FDA
 <p>139(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.6kg</p>	 <p>153 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	 <p>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</p>
		