

MLL-N-515/1~100mW



LOW NOISE GREEN LASER AT 515NM

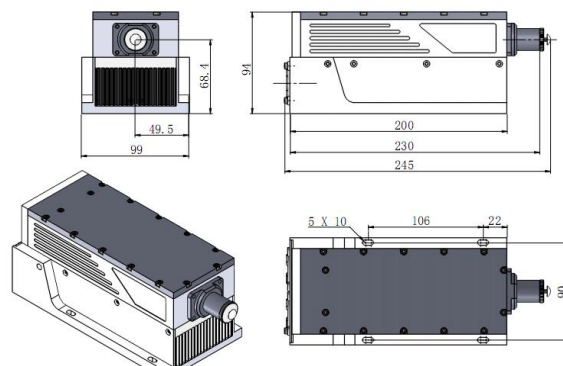


Low noise 515nm green laser is made features of ultra compact, long lifetime and easy operating, which is widely used in laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Wavelength (nm)	515 ± 1	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ..., 100	
Power stability (rms, over 4 hours)	<5%, <3%, <2%, <1%	
Transverse mode	TEM <sub>00</sub>	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
M <sup>2</sup> factor	<1.2	
Beam divergence, full angle (mrad)	<1.2	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0	
Warm-up time (minutes)	<10	
Polarization ratio	>50:1(100:1 Optional) , Horizontal(Vertical Optional)	
Beam height from base plate (mm)	68.4	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MLL-N-515	PSU-H-LED	PSU-H-FDA
 <p>245 (L) × 99 (W) × 94 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>275.5 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.5 kg</p>	 <p>275.5 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.5 kg</p>