

MLL-N-473/400~1000mW



LD PUMPED ALL-SOLID-STATE
LOW NOISE BLUE LASER

All solid state 473nm low noise laser is made features of ultra compact, long lifetime and easy operating, which is used in fluorescence sensors, Raman spectrum, holography, physics experiments, etc.



SPECIFICATIONS

Model	MLL-N-473
Wavelength (nm)	473±1
Operating mode	CW
Output power (mW)	>400, 500, 600, ..., 1000
Power stability (rms, over 4 hours) at 25°C	<5%, <3%, <1%
Transverse mode	TEM ₀₀
Noise of amplitude (rms, 1~20MHz)	<1%
M ² factor	<1.5
Beam divergence, full angle (mrad)	<1.2
Beam diameter at the aperture (1/e ² , mm)	~2.0
Warm-up time (minutes)	<10
Polarization ratio	>50:1(>100:1 optional)
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	68.4
Operating temperature (°C)	20~30
Power supply (100-240VAC)	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	1 year



MLL-N-473	PSU-H-LED	PSU-H-FDA
<p>235 (L) × 99 (W) × 94 (H) mm³, 2.6 kg</p>	<p>275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg</p>	<p>275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg</p>