

PDF DATA SHEET EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

MLL-FN-473/1-500mW

LD PUMPED ALL-SOLID-STATE LOW NOISE BLUE LASER

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



SPECIFICATIONS

Wavelength (nm)	473±1		
Output power (mW)	>1, 50, 100,, 300	>300, 350, 400, ,500	
Transverse mode	TEM ₀₀	Near TEM ₀₀	
Noise of amplitude (rms, 20Hz~20MHz)	<1%		Ndv .
Operating mode	CW		
Power stability (rms, over 4 hours) at 25° C	<1%, <3%, <5%		
Warm-up time (minutes)	<10		
M ² factor	<1.2	<1.5	
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~2.0	~3.0	
Beam height from base plate (mm)	27.4		AVOD EXPOSUPE Lasermaktion is embed from the APERTUPE
Polarization ratio	>100:1 (0 or 90 degree)		DANGER
Pointing stability after warm-up (mrad)	<0.05		LARRADADN-AUDDEE(R.R.N
Operating temperature (°C)	10~35		ENGINE TO DEEL TORSCATERED RADATION
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	CLASS IV LASER PRODUCT
Expected lifetime (hours)	10000		This down complex with 21 CFR 1040 10 and 1040 11 Changchan New Judates Optiolecturum Tech. Oc., Ltd (200)
Warranty	1 year		660 Changtin Rd, Changhar, P.R. Chan

Note: The laser head needs to be used on a heat sink with good heat dissipation.

MLL-FN-473	PSU-H-LED	PSU-H-FDA
	DPSSL DRIVER	DPSSL DRIVER TRUE LILL BLANS BY BY
197(L)×70(W) ×50(H), 2.0 kg	268(L) ×145(W) ×106 (H) mm ³ , 2.6 kg	238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg