

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

CFR1040.10 and 1040

ectionics Tech. Co., Ltd. (C) Zone Chanschun, Chi

MLL-FN-526.5/1~400mW



LD PUMPED ALL-SOLID-STATE LOW NOISE GREEN LASER

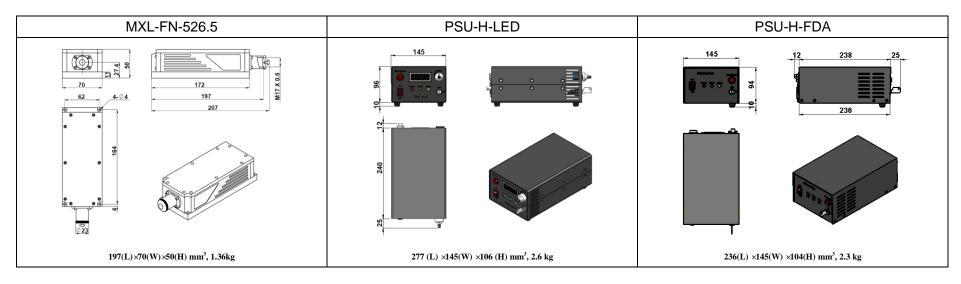
All solid state 526.5nm green laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is widely used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiment, etc.



SPECIFICATIONS

Central wavelength (nm)	526.5±1		
Operating mode	CW		
Output power (mW)	>1, 10, 50,,400		
Power stability (rms, over 4 hours)	<3%, <5%, <10%		
Transverse mode	Near TEM ₀₀		
Noise of amplitude (rms, 20Hz~20MHz)	<1%		
M ² factor	<1.5		
Beam diameter at the aperture $(1/e^2, mm)$	~2.0		
Beam divergence, full angle (mrad)	<1.5		AVOID EXPOSUS
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)		
Warm-up time (minutes)	<10		
Pointing stability after warm-up (mrad)	<0.05		
Beam height from base plate (mm)	27.4		CLASS
Operating temperature (°C)	10~35		This device com
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	Changchun New In 888 JinHu Roa
Expected lifetime (hours)	10000		
Warranty	1 year		

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



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