

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

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.

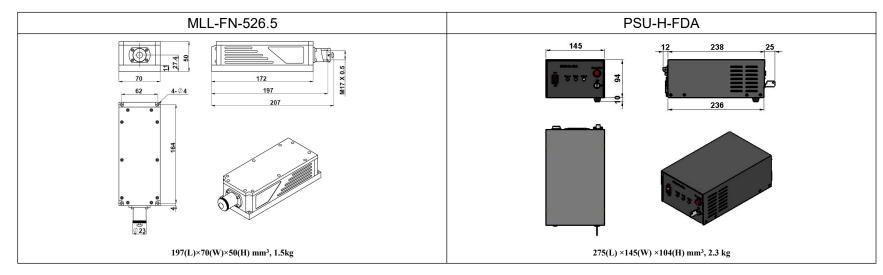


Central wavelength (nm) 526.5 ± 1 Operating mode CW >1, 10, 50, ..., 200 >200, ..., 400 Output power (mW) Power stability (rms, over 4 hours) <2%, <3%, <5% <3%, <5% Transverse mode Near TEM₀₀ Noise of amplitude (rms, 20Hz~20MHz) <1% M² factor <1.5 ~2.0 Beam diameter at the aperture $(1/e^2, mm)$ Beam divergence, full angle (mrad) <1.5 Polarization ratio >100:1 Horizontal±5 degree (Vertical Optional) <10 Warm-up time (minutes) Pointing stability after warm-up (mrad) < 0.05 Beam height from base plate (mm) 27.4 Operating temperature (°C) 10~35 Power supply (90-264VAC) PSU-H-FDA Expected lifetime (hours) 10000 Warranty 1 year





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



SPECIFICATIONS