

## 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.

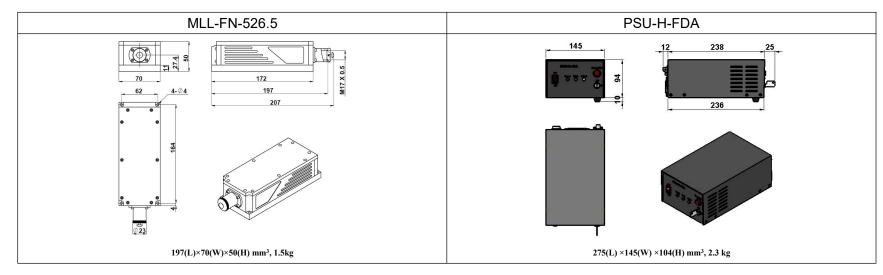


## Central wavelength (nm) $526.5 \pm 1$ Operating mode CW >1, 10, 50, ..., 200 >200, ..., 400 Output power (mW) Power stability (rms, over 4 hours) <2%, <3%, <5% <3%, <5% Transverse mode Near TEM<sub>00</sub> Noise of amplitude (rms, 20Hz~20MHz) <1% M<sup>2</sup> factor <1.5 ~2.0 Beam diameter at the 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