

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

## UV-FN-360 /1~100mW



## LD PUMPED ALL-SOLID-STATE UV LASER AT 360nm

All solid state 360nm UV laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, measurement, physics experiment, laser rapid modeling, Raman spectroscopy and fluorescence analysis etc.



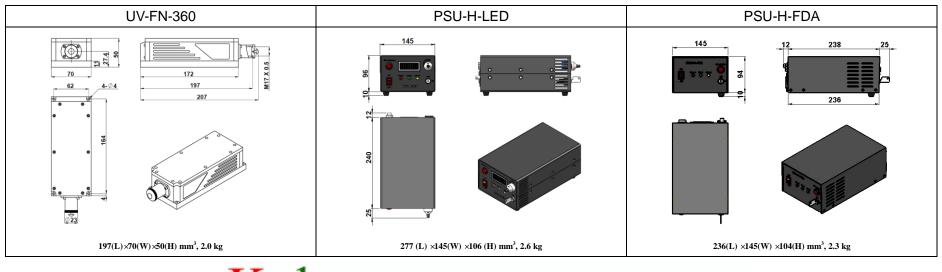
## SPECIFICATIONS

Central wavelength (nm)	360±1	
Operating mode	CW	
Output power (mW)	>1,10,20,,100	
Power stability (rms, over 4 hours)	<5%, <10%	
Transverse mode	Near TEM <sub>00</sub>	
M <sup>2</sup> factor	<2.0	
Beam diameter at the aperture $(1/e^2, mm)$	~1.5	
Beam divergence, full angle (mrad)	<1.0	
Polarization ratio	>50:1 Horizontal ±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	27.4	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	5000	
Warranty	1 year	





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



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