

## 360 nm LD Pumped All-Solid-State Low Noise UV Laser MLL -FN-360

**Model #:** MLL-FN-360

**Description:** Diode pumped all-solid-state low noise UV laser at 360 nm MLL-FN-360 features TM<sub>00</sub> mode, low noise, ultra-compact, long lifetime, cost-effective and easy operation.

**Application:** DNA sequencing, flow cytometry, cell **sorting**, test and measurement, scientific experiments, laser rapid modeling, optical instrument, Raman spectroscopy and fluorescence analysis, etc.


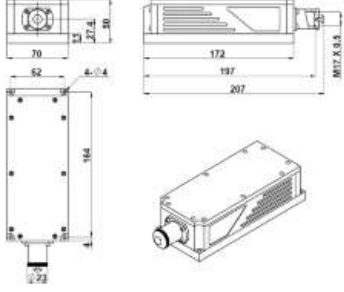
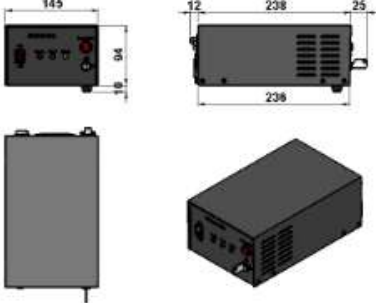
### Specifications

Wavelength (nm)	360 ± 1
Operating Mode	CW
Output Power (mW)	>1, 10, 20,....., 50
Transverse Mode	Near TEM <sub>00</sub>
Power Stability (rms, over 4 hours)	<3%, 5%
M <sup>2</sup> Factor	<2.0
Noise of Amplitude (rms, 20Hz – 20 MHz)	<1%
Warm-up Time (minutes)	<10
Beam Divergence, Full Angle (mrad)	<1.0
Beam Diameter at aperture (1/e <sup>2</sup> , mm)	~1.5
Beam Height from Base Plate (mm)	27.4
Polarization Extinction Ratio	>50:1, <100:1 (optional) horizontal ± 5° (vertical optional)
Beam Operating Temperature (C°)	10 ~ 35
Power Supply (90-264VAC or 5V DC)	PSU-H-FDA
Expected Lifetime (hours)	10000
Warranty Period	1 year

Note: the laser needs to be placed on a heat sink with good heat dissipation

### Ordering Information: MLL-FN-360-A-B-C

A: maximum output power	B: power stability	C: power driver
1 - 1 mW	3 – 3%	1 - PSU-H-FDA
10 - 10 mW	5 – 5%	
20 - 20 mW		
50 - 100 mW		
X - other		

<p style="text-align: center;"><b>MLL-FN-360 Head</b></p> 	<p style="text-align: center;"><b>MLL-FN-360</b></p>  <p style="text-align: center;">197(L) × 70(W) × 50(H) mm<sup>3</sup>, 2.0 kg</p>
 <p style="text-align: center;">236(L) × 145(W) × 104(H) mm<sup>3</sup>, 2.3 kg</p>	
<p style="text-align: center;"><b>PSU-H-FDA</b></p>	

