

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

Model #: MLL-F-360

Description: Diode pumped all-solid-state low noise UV laser at 360 nm MLL-F-360 features TM_{00} mode, low noise, ultra-compact, long lifetime, cost-effective and easy operation. A fan is installed in the laser head.

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


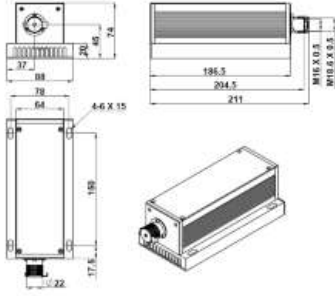
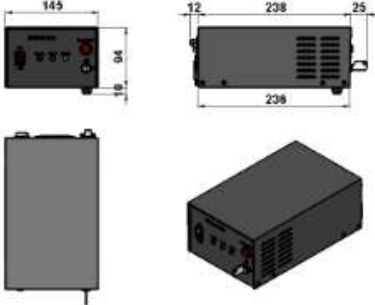
Specifications

Wavelength (nm)	360 ± 1
Operating Mode	CW
Output Power (mW)	>1, 10, 20,....., 50
Transverse Mode	Near TEM_{00}
Power Stability (rms, over 4 hours)	<3%, 5%
M^2 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 ($1/e^2$, mm)	~1.5
Beam Height from Base Plate (mm)	45 (Fan within laser head)
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-F-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;">MLL-F-360 Head</p> 	<p style="text-align: center;">MLL-F-360</p>  <p style="text-align: center;">211 (L) × 88 (W) × 74 (H) mm³, 1.6 kg</p>
 <p style="text-align: center;">236(L) × 145(W) × 104(H) mm³, 2.3 kg</p>	
<p>PSU-H-FDA</p>	



AVOID EYE EXPOSURE TO THE BEAM

DANGER

LASER RADIATION - AVOID DIRECT EYE EXPOSURE TO THE BEAM

BEAM POWER: 50mW WAVELENGTH: 635nm-670nm
CLASS IIIb LASER PRODUCT

This device complies with CE, FCC, IEC and RoHS II
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