

360 nm Single Longitudinal Mode UV Laser MSL-FN-360

Model #: MSL-FN-360

Description: All solid state single longitudinal mode laser at 360nm features ultra compact, long lifetime, low cost and easy operating.

Application: DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.


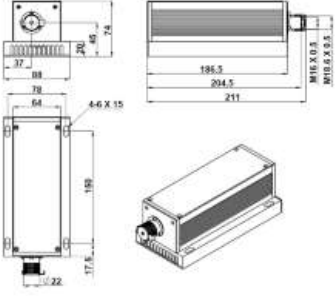
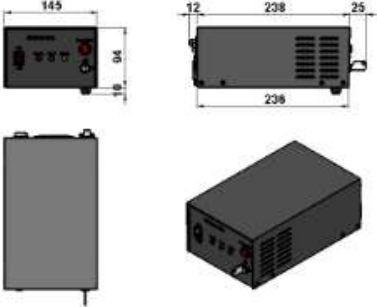
Specifications

Wavelength (nm)	360 ± 1
Operating Mode	CW
Output Power (mW)	>1, 2, 3,....., 50
Transverse Mode	TEM ₀₀
Spectral Linewidth (nm)	<0.00001
Longitudinal Mode	Single
Power Stability (rms, over 4 hours)	<3%, 5%
M ² Factor	<1.5
Noise of Amplitude (rms, 20Hz – 20 MHz)	<1%, typical <0.5%
Warm-up Time (minutes)	<10
Beam Divergence, Full Angle (mrad)	<1.2
Beam Diameter at aperture (1/e ² , mm)	<1.5
Beam Height from Base Plate (mm)	27.4
Pointing Stability after Warm-up (mrad)	<0.05
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: MSL-FN-360-A-B

A: maximum output power	B: power stability
5 - 5 mW	3 – 3%
10 - 10 mW	5 – 5%
20 - 20 mW	
30 – 30 mW	
40 – 40 mW	
50 - 100 mW	
X - other	

<p style="text-align: center;">MSL-FN-360 Head</p> 	<p style="text-align: center;">MSL-FN-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>	

