**Opto Engine LLC** 

## MLL-FN-721 /1~100mW



## LD PUMPED ALL-SOLID-STATE LOW NOISE RED LASER AT 721nm

Low noise red laser at 721nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and scientific research etc.



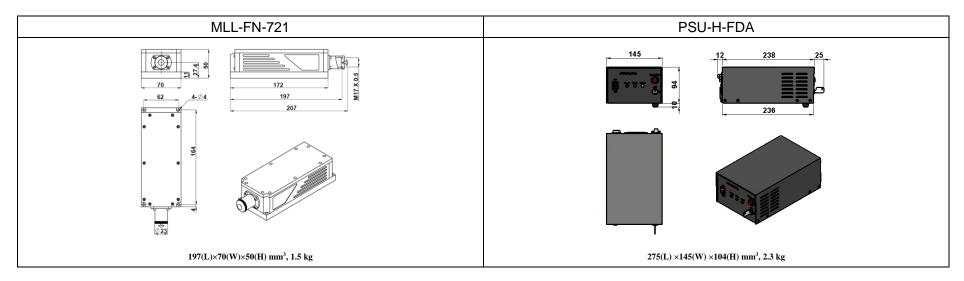
## SPECIFICATIONS

Wavelength (nm)	721±1		
Operating mode	CW		
Output power (mW)	>1, 10, 20, ,50	>50, , 100	
Power stability (rms, over 4 hours)	<3%, <5%	<3%, <5%, <10%	
Transverse mode	TEM <sub>00</sub>		
M <sup>2</sup> factor	<1.2		
Noise of amplitude (rms, 20Hz~20MHz)	<1%		
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0		
Beam divergence, full angle (mrad)	<1.5		
Polarization ratio	>100:1 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-FDA		
Expected lifetime (hours)	10000		
Warranty	1 year		





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



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## **Data sheet**

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