

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MLL-FN-671/1~1000mW



LD PUMPED ALL-SOLID-STATE LOW NOISE RED LASER AT 671nm

Low noise red laser at 671nm 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.



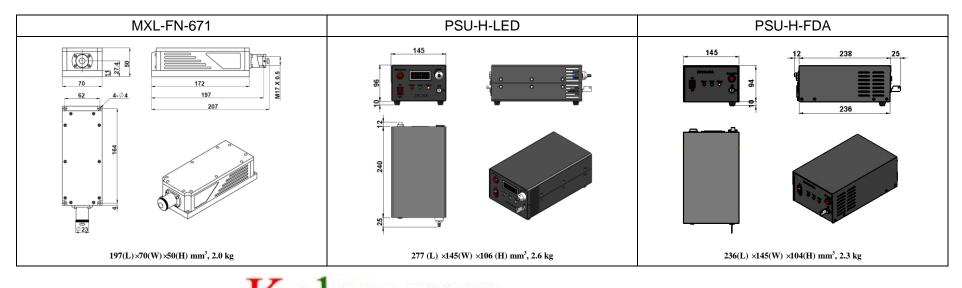
SPECIFICATIONS

Wavelength (nm)	671±1	
Operating mode	CW	
Output power (mW)	>1, 10, 100, , 1000	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Near TEM ₀₀	
M ² factor	<1.2	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Beam diameter at the aperture $(1/e^2, mm)$	~2.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
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)	10000	
Warranty	1 year	





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



▲OKYO 株式会社光響 http://www.symphotony.com/ メール:info@symphotony.com