

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

ER PRODUCT FR1040.10 and 1040.11 ronics Tech. Co., Ltd. (CNI one Changchun, China

MLL-FN-721 /1~100mW

## SPECIFICATIONS

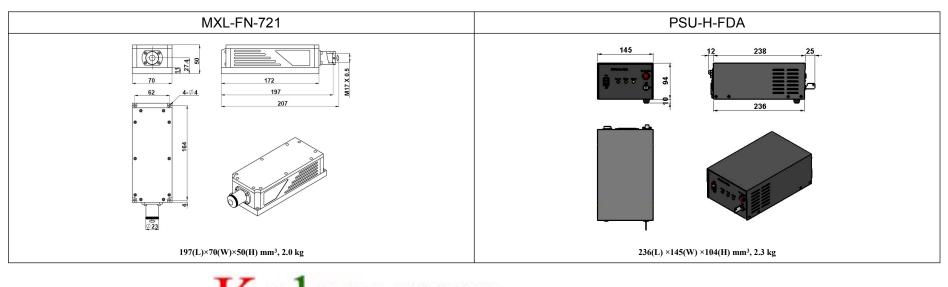
## LD PUMPED ALL-SOLID-STATE LOW NOISE RED LASER AT 721nm

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.



Wavelength (nm)	721±1	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ,100	
Power stability (rms, over 4 hours)	<5%, <10%	31111
Transverse mode	TEM <sub>00</sub>	700
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	AVOID EXPOSURE: Laser radiation is en
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)	DANG
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	27.4	PEAKPOWER<10W W
Operating temperature (°C)	10~35	CLASS IV LASE
Power supply (90-264VAC)	PSU-H-FDA	This device complies with 21 CF
Expected lifetime (hours)	10000	Changchun New Industries Optoelectre 888 JinHu Road High-tech Zor
Warranty	1 year	

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



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