Opto Engine LLC

MLL-F-1030/1~100mW



LOW NOISE INFRARED LASER AT 1030 nm

All solid state low noise infrared laser at 1030 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in scientific experiment, laser fluorescence, etc.



SPECIFICATIONS

Wavelength (nm)	1030±1	
Output power (mW)	>1, 5, 10,, 50	>50,, 100
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<2%, <3%, <5%
Transverse mode	TEM_{00}	
Operating mode	CW	
Noise of amplitude(rms, 20Hz~20MHz)	<1%	
Warm-up time (minutes)	<10	
M ² factor	<1.5	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (mm)	~3.0	
Beam height from base plate (mm)	45	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (80-264VAC)	PSU-H-FDA	
Expected lifetime (hours)	10000	
Warranty period	1 year	

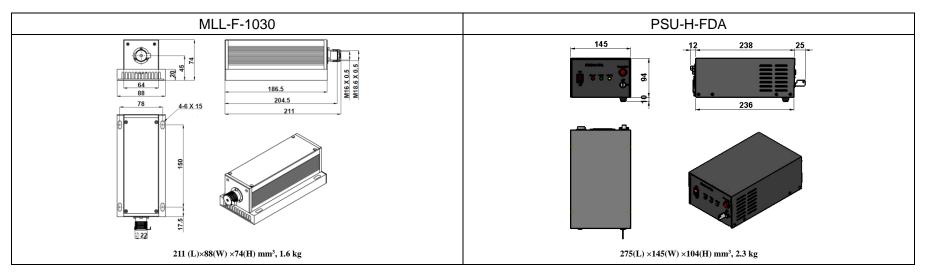


Rev. 2102





CLASS IIIb LASER PRODUCT s device complies with 21 CFR1040.10 and 1040.11 agehun New Industries Optoelectronics Tech. Cs., Ltd. (CNI) 8 JinHu Road High-tech Zone Changchun, China



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