Opto Engine LLC

MLL-FN -360 /1~50mW



LD PUMPED ALL-SOLID-STATE LOW NOISE UV LASER AT 360 nm

All solid state low noise UV laser at 360 nm is made features of TEM₀₀, long lifetime and easy operating, which is widely used in measurement, spectrum analysis as the substitute for He-Ne lasers.



SPECIFICATIONS

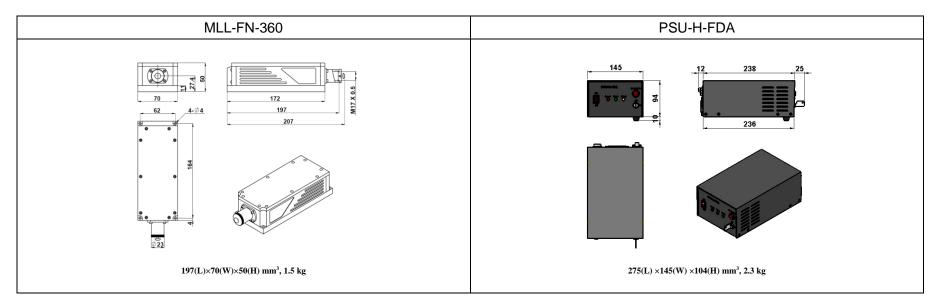
Wavelength (nm)	360±1	
Operating mode	CW	
Output power (mW)	>1, 10, 20, , 50	
Power stability (rms, over 4 hours)	<3%,<5%,<10%	
Transverse mode	TEM ₀₀	
M ² factor	<2.0	2 AVIN
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Beam diameter at the aperture (1/e ² , mm)	~1.5	
Beam divergence, full angle (mrad)	<1.0	AVOID EXPOSURE: Laster radiation is ensited from the
Polarization ratio	>50:1, >100:1, optional	
	Horizontal±5 degree (Vertical Optional)	DANGER
Warm-up time (minutes)	<10	LASER RADIATION - AVOID DIRECT EXPOSI
Beam height from base plate (mm)	27.4	CLASS HID LASER PRO
Operating temperature (°C)	10~35	This device complies with 21 CFR1040.10
Power supply (90-264VAC)	PSU-H-FDA	Changchun New Industries Optoelectronics Tech. 888 JinHu Road High-tech Zone Chang
Expected lifetime (hours)	5000	
Warranty	1 year	

200-400n m

and 1040.11 Co., Ltd. (CNI) ngchun, China

DUCT

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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