Opto Engine LLC

UV-F-355/1~10mW



LD PUMPED ALL-SOLID-STATE CW UV LASER

All solid state 355nm UV laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.



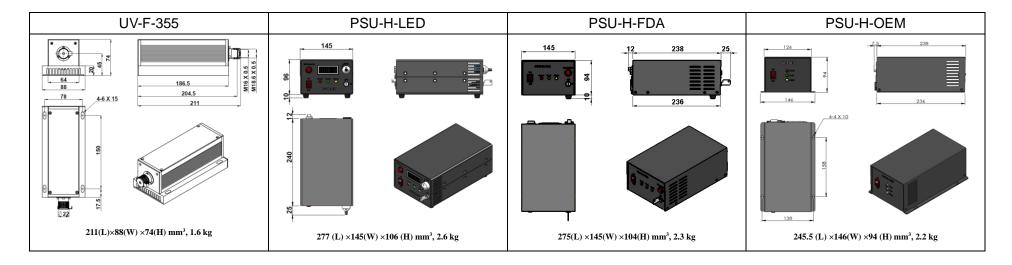
SPECIFICATIONS

Wavelength (nm)	355 ± 1	
Operating mode	CW	
Output power (mW)	>1, 2, 3,, 10	
Power stability (rms, over 4 hours)	<10%	
Transverse mode	Near TEM ₀₀	
M ² factor	<2.0	
Beam diameter at the aperture (mm)	<2.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>50:1	
Spectral purity	>99%	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	45	
Operating temperature ($^{\circ}$ C)	10~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-H-OEM	
Expected lifetime (hours)	5000	
Warranty period	1 year	





This device complies with 21 CFR1040.10 and 1040.11 Changchan New Industries Optovlectronics Tech. Co., Ltd. (CNI) 888 JinHu Road High-tech Zone Changchun, China



Data sheet

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