Opto Engine LLC

MGL-F-515/1~100mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 515 nm green laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is widely used in scientific experiment, laser fluorescence, etc.

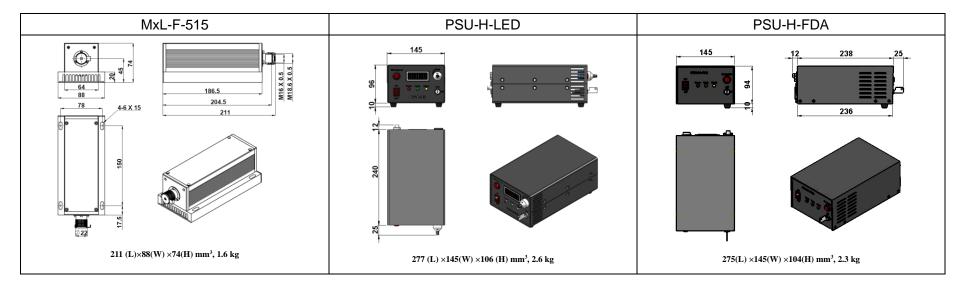


SPECIFICATIONS

Central wavelength (nm)	515±1	
Operating mode	CW	
Output power (mW)	>1, 3, 5,, 100	
Power stability (rms, over 4 hours)	<10%	
Transverse mode	Near TEM ₀₀	
M ² factor	<2.0	
Beam diameter at the aperture $1/e^2$ (mm)	~3.0	
Beam divergence, full angle (mrad)	<2.0	
Polarization ratio	>100:1	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA	
Expected lifetime (hours)	10000	
Warranty period	1 year	







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Data sheet

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