Opto Engine LLC

MIL-H-1112/100~500mW



LD PUMPED ALL-SOLID-STATE **INFRARED LASER AT 1112nm**

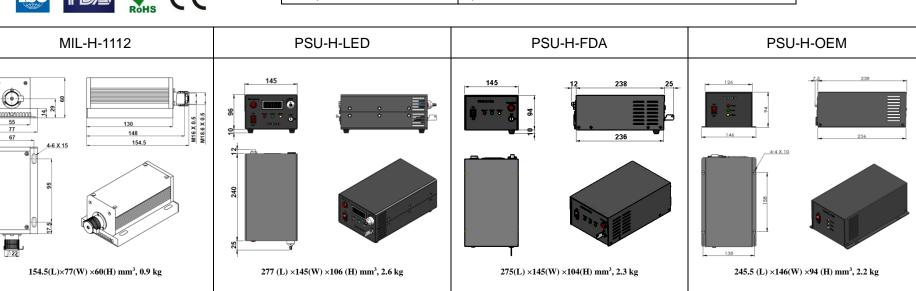
All solid state infrared laser at 1112nm is made features of ultra compact, long lifetime, low cost and easy operating, which used in scientific experiment, is measurement, optical instrument, optical sensor, communication, spectrum analysis, etc.



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SPECIFICATIONS

Wavelength (nm)	1112±3	
Output power (mW)	>100, 150, 200,, 300	>300,, 500
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<2%, <3%, <5%
Transverse mode	TEM ₀₀	
Operating mode	CW	
Warm-up time (minutes)	<10	
M ² factor	<2.0	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at 1/e ² (mm)	~3.0	
Beam height from base plate (mm)	29	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-H-LED/PSU-H-FDA/PSU-H-OEM	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty	1 year	



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Data sheet

PRODUCT

1040.10 and 1040.1

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