Opto Engine LLC

MIL-III-914/1~400mW



LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 914nm

All solid state infrared laser at 914nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.

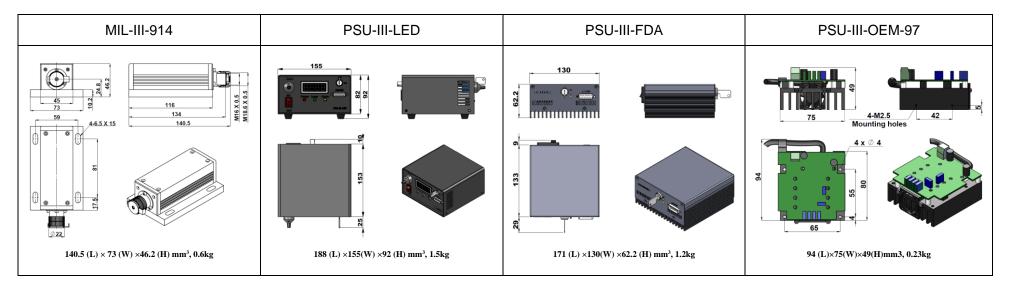


SPECIFICATIONS

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Wavelength (nm)	914±1		
Output power (mW)	>1, 10, 20, 30,, 200	>200,, 400	
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	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at 1/e ² (mm)	~1.5		
Beam height from base plate (mm)	24. 8		
Polarization ratio	>100:1 (0 or 90 degree)		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED/PSU-III-FDA/PSU-III-OEM-97		
Expected lifetime (hours)	10000		
Warranty	1 year		







Opto Engine LLC 7397 Balboa Dr. Midvale, Utah 84047 USA Tel: (801) 553-2253 Email: info@OptoEngine.com Website: www.OptoEngine.com

Data sheet

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