# **Opto Engine LLC**

### MLL-III-914/1~400mW



## LOW NOISE INFRARED LASER AT 914 nm

All solid state low noise infrared laser at 914 nm 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.



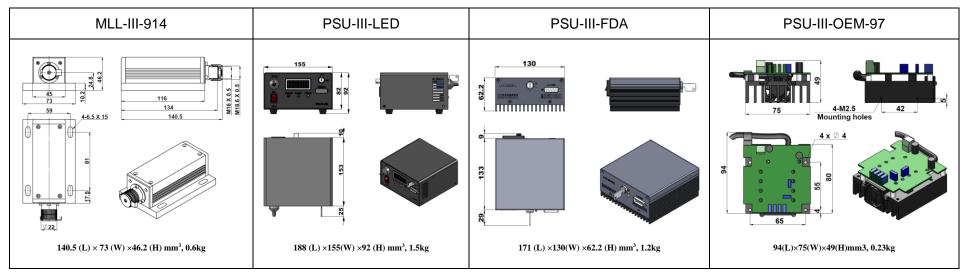
#### SPECIFICATIONS

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		
Noise of amplitude (rms, 20Hz~20MHz)	<1%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<1.2		AVOIDE
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at 1/e <sup>2</sup> (mm)	~1.5		
Beam height from base plate (mm)	24. 8		
Pointing stability after warm-up (mrad)	<0.05		с
Operating temperature (°C)	10~35		This devia Changebra
Power supply (90-264VAC or 5VDC)	PSU-III-LED/PSU-III-FDA/PSU-III-OEM-97		888 JinH
Expected lifetime (hours)	10000		
Warranty	1 year		





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# **Data sheet**

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