



MIL-III-914/1~400mW

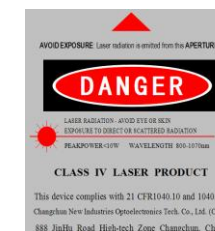
## LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 914nm

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

Wavelength (nm)	914±1		
Operating mode	CW		
Output power (mW)	>1, 10, 20, 30, ..., 400		
Power stability (rms, over 4 hours)	<5%, <10%		
Transverse mode	TEM <sub>00</sub>		
M <sup>2</sup> factor	<1.2		
Beam diameter at the aperture 1/e <sup>2</sup> (mm)	~1.5		
Beam divergence, full angle (mrad)	<1.5		
Polarization ratio	>100:1, Horizontal±5 degree (Vertical Optional)		
Warm-up time (minutes)	<10		
Pointing stability after warm-up (mrad)	<0.05		
Beam height from base plate (mm)	24.8		
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		



MxL-III-914	PSU-III-LED	PSU-III-FDA	PSU-III-OEM-97
<p>140.5 (L) × 73 (W) × 46.2 (H) mm<sup>3</sup>, 0.6kg</p>	<p>153 (L) × 155(W) × 92 (H) mm<sup>3</sup>, 1.5kg</p>	<p>133 (L) × 130(W) × 62.2 (H) mm<sup>3</sup>, 1.2kg</p>	<p>94(L) × 75(W) × 49(H) mm<sup>3</sup>, 0.23kg</p>