

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

MIL-III-1122/1~300mW

## SPECIFICATIONS

## LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1122nm

All solid state infrared laser at 1122nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, measurement, optical instrument, optical sensor, communication, spectrum analysis, etc.



Wavelength (nm)	1122 ± 3			
Output power (mW)	>1, 5, 10300			
Transverse mode	TEM <sub>00</sub>			
Operating mode	CW			A A A A A A A A A A A A A A A A A A A
Power stability (rms, over 4 hours)	<3%, <5% , <10%			
Warm-up time (minutes)	<10			- And
M <sup>2</sup> factor	<1.5			
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			
Operating temperature (°C)	10~35			DANGER
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM	LARRADIATION-AVOID DRECTENPORT
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			CLASS HID LASER PRODUC
Expected lifetime (hours)	10000			This device complex with 21 CFR 1040 10 and 1040 11 Changchan New Judation Optotectories Tech. Co., Lid (Ch 601 Changchi Fid., Changchia, F.R. Chan
Warranty	1 year			

MxL-III-1122	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
140. 8(L)×73(W) ×46. 2(H) mm <sup>3</sup> , 0.6kg	153 (L) ×155(W) ×92 (H) mm <sup>3</sup> , 1.5kg	DP55L DRIVER	100 (L) ×62(W) ×56 (H) mm <sup>3</sup> , 0.2kg