

PDF DATA SHEET EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

MIL-III-1112/1~100mW

SPECIFICATIONS

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 is used in scientific experiment, measurement, optical instrument, optical sensor, communication, spectrum analysis, etc.



Wavelength (nm)	1112 ± 3			
Output power (mW)	>1, 5, 10100			
Transverse mode	TEM ₀₀			
Operating mode	CW			
Power stability (rms, over 4 hours)	<3%, <5%, <10%			
Warm-up time (minutes)	<10			
M ² factor	<1.5			
Beam divergence, full angle (mrad)	<1.5			
Beam diameter at 1/e ² (mm)	~1.5			
Beam height from base plate (mm)	24. 8	<u> </u>		
Pointing stability after warm-up (mrad)	<0.05			AVOD EXPOSURE Laser moldon is embed from the APERTURE
Operating temperature (°C)	10~35			
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM	LANRRADOD AVOID RETORA
Modulation option	TTL on/off, 1Hz-1KHz, 1KH	HAJOMER STELL WANDERSTELL 1085mm 1122mm CLASS HID LASER PRODUCT		
Expected lifetime (hours)	10000			The desire complex with 21 CFR 1041 10 and 1040 11
Warranty	1 year	Changchan New Industries Optiolectroses Tech. Co., Lid. (CNI) 668: Changchin Hid., Changchini, P.R. Chan		

MxL-III-1112	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
140. 8(L)×73(W) ×46. 2(H) mm ³ , 0.6kg	153 (L) ×155(W) ×92 (H) mm ³ , 1.5kg	DPSSL DRIVER	100 (L) ×62(W) ×56 (H) mm ³ , 0.2kg
0 415'6.5			