

## 长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MRL-F-671/1000~1500mW

## SPECIFICATIONS

## LD PUMPED ALL-SOLID-STATE RED LASER AT 671nm

All solid state 671nm Red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



Wavelength (nm)	671±1				
Output power (mW)	>1000, 1100, 1200,, 1500				
Transverse mode	$TEM_{00}$				
Operating mode	CW				
Power stability (rms, over 4 hours)	<3%, <5%, <10%				
Warm-up time (minutes)	<10	The second second			
M <sup>2</sup> factor	<1.2				
Beam divergence, full angle (mrad)	<2.0				
Beam diameter at the aperture (mm)	~3.0				
Beam height from base plate (mm)	45				
Polarization ratio	>100:1				
Pointing stability after warm-up (mrad)	<0.05			AVODEPOSUPE Laboradadon seminal territor APERTUPE	
Operating temperature (°C)	10~35			DANGER	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM	LABERADODN-AND ELECESIN	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option			EPOSINE TO DRET OR CONTRIBUTION	
Expected lifetime (hours)	10000			This device complex with 11 CPR 1040 10 and 1040 11 Chargebackery industries Optimiestration Tech Co., Ltd (DNI)	
Warranty period	1 year			661 Chungto Rd, Cherghan, P.R. Chen	

MxL-F-671	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
		DPSSL DRIVER	DPSSL DRIVER
209(L)×88(W) ×74(H) mm <sup>3</sup> , 1.6 kg	268 (L) ×145(W) ×106 (H) mm <sup>3</sup> , 2.6 kg	238 (L) ×146(W) ×102 (H) mm <sup>3</sup> , 2.3 kg	238 (L) ×146(W) ×94 (H) mm <sup>3</sup> , 2.2 kg