

## 新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MRL-FP-639/2500~4000mW

## **SPECIFICATIONS**

## **LD PUMPED ALL-SOLID-STATE RED LASER AT 639nm**

All solid state 639nm red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show etc.



Central wavelength (nm)	639±1	
Operating mode	CW	
Output power (mW)	>2500,4000	
Power stability (rms, over 4 hours)	<2%,<3%,<5%	
Transverse mode	Near TEM <sub>00</sub>	
M <sup>2</sup> factor	<2.0	- Multo
Beam diameter at the aperture $(1/e^2, mm)$	<1.5	
Beam divergence, full angle (mrad)	<1.5	AVOID EXPOSUBE: Laser reduction is ended from this APERTURE
Warm-up time (minutes)	<10	DANGER
Beam height from base plate (mm)	27.4	
Cooled method	Water Cooled	LASER RADIATION - AVOID EVE OR SKIN EXPOSURE TO DIRICT OR SCATTERED RADIATION PEAKPOWER-(16W WAVELENGTH 635-671nm
Operating temperature (°C)	10~35	CLASS IV LASER PRODUCT
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA	This device complies with 21 CFR1040.10 and 1040.11 Changehun New Industries Optoelectronics Tech. Co., Ltd. (CNI) 888 JinHu Road High-tech Zone Changehun, China
Expected lifetime (hours)	10000	ese Jinna Rosa rugi-tech Zone Unangenun, Unina
Warranty	1 year	

## Note: The laser head must be used on a water cooling system.

