

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 ₀₀	
M ² factor	<2.0	- Marke
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	DANGER
Cooled method	Water Cooled	EXPOSITE TO DIRECT OR SCATTERED RADIATION PEAKPOWER-(10W WAVELENOTH 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)
Expected lifetime (hours)	10000	888 JinHu Road High-tech Zone Changchun, China
Warranty	1 year	

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



