

**MLL-FN-589/200~300mW**



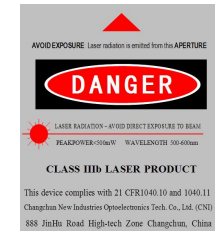
**LD PUMPED ALL-SOLID-STATE  
LOW NOISE YELLOW LASER  
AT 589nm**

Low noise yellow laser at 589nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and scientific research etc.



**SPECIFICATIONS**

Wavelength (nm)	589±1
Operating mode	CW
Output power (mW)	>200, ... , 300
Power stability (rms, over 4 hours)	<0.5%(可选), <1%<2%, <3%
Transverse mode	TEM <sub>00</sub>
Spectral linewidth (nm)	<0.2
Noise of amplitude (rms, 1Hz~20MHz)	<0.5%, <1%
M <sup>2</sup> factor	<1.2
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<1.5
Beam divergence, full angle (mrad)	<1.2
Polarization ratio	>100:1, Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	27.4
Operating temperature (°C)	15~35
Power supply (90-264VAC)	PSU-H-FDA
Expected lifetime (hours)	10000
Warranty	1 year



**Note: The laser head needs to be used on a heat sink with good heat dissipation.**

