

## LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 588nm

RN-III-588/1~50mW

## 产品描述

All solid state laser at 588nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.

## 产品参数

RN-III-588/1~50mW			
Central wavelength (nm)	588±2		
Operating mode	CW		
Output power (mW)	>1, 2, 10, ...,50		
Power stability (rms, over 4 hours)	<3% , <5%, <10%		
Transverse mode	TEM <sub>00</sub>		
M <sup>2</sup> factor	<1.5		
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~1.2		
Beam divergence, full angle (mrad)	<1.5		
Warm-up time (minutes)	<10		
Pointing stability after warm-up (mrad)	<0.05		
Beam height from base plate (mm)	24.8		
Polarization ratio	>100:1, Horizontal±5 degree (Vertical Optional)		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM-97
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
Expected lifetime (hours)	10000		
Warranty	1 year		