

## LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 589nm

RN-III-589/1~50mW

### 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-589/1~50mW	
Wavelength (nm)	589±1
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)	<1.2
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