

## LD PUMPED ALL-SOLID-STATE BLUE LASER

RN-F-473/100~500mW

### 产品描述

All solid state 473 nm blue laser is made features of ultra compact, long lifetime, cost-effectiveness low cost and easy operating, which is used in experiment, fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.

### 产品参数

RN-F-473/100~500mW		
Central wavelength (nm)	473±1	
Operating mode	CW	
Output power(mW)	>100,150,..., 300	>300,400,...,500
Power stability(rms, over 4 hours)	<2%, <3%, <5%	
Transverse mode	TEM <sub>00</sub>	Near TEM <sub>00</sub>
M <sup>2</sup> factor	<2.0	
Beam diameter at the aperture(1/e <sup>2</sup> mm)	~2.0	
Beam divergence,full angle(mrad)	<1.5	
Polarization ratio	>100:1	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate(mm)	45	
Operating temperature(°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime(hours)	10000	
Warranty	1 year	