

LD PUMPED ALL-SOLID-STATE YELLOW LASER

RN-U-577/1-500mW

产品描述

All solid state 577nm yellow laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.

产品参数

RN-U-577/1~500mW		
Central wavelength (nm)	577±2	
Operating mode	CW	
Output power (mW)	>10, 20, 50, ..., 100mW	>100, ..., 500mW
Power stability (rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%, <5%
Transverse mode	TEM ₀₀	
M ² factor	<1.2	<1.5
Beam diameter at the aperture(1/e ² mm)	~1.0	
Beam divergence,full angle(mrad)	<1.5	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR	
Modulation option	TTL on/off, 1Hz-1KHz	
Expected lifetime (hours)	10000	
Warranty period	1 year	