

DPSS LASER AT 594nm

RN-U-594/1~100mW

产品描述

All solid state laser at 594nm is made features of ultra compact, long lifetime, high stability and reliability, which is used in scientific experiment, medical measurement, instrument, spectrum analysis, etc.

产品参数

RB-U-594/1~100mW	
Central wavelength (nm)	594±1
Operating mode	CW
Output power (mW)	>1, 5, 10, 20, ... , 100
Power stability (rms, over 4 hours)	<3% , <5% , <10%
Transverse mode	TEM ₀₀
M ² factor	<1.2
Beam diameter at the aperture (1/e ² ,mm)	~0.7±0.05
Beam divergence, full angle (mrad)	<1.5
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
Laser head consumption(W)	15 (typical) , <25 (40°C)
Max. Laser Head Base plate Temp (°C)	50
Operating Temperature (°C)	10-40
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR
Modulation optio	TTL on/off, 1Hz-1KHz, 1KHz-10KHz; and Analog modulation optional
Expected lifetime (hours)	10000
Warranty	1 year