

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

RN-FN-589/1~500mW

产品描述

All solid yellow laser at 589nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and scientific research etc.

产品参数

RN-FN-589/1~500mW		
Wavelength (nm)	589±1	
Operating mode	CW	
Output power (mW)	>50, 100, ..., 200	>200, ..., 300
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<3%, <5%
Transverse mode	TEM ₀₀	
M ² factor	<2.0	
Beam diameter at the aperture (1/e ² ,mm)	~3.0	
Beam divergence, full angle (mrad)	<2.0	
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	
Expected lifetime (hours)	10000	
Warranty	1 year	