

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

RN-F-589/50~300mW

产品描述

All solid state 589nm 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, etc.

产品参数

RN-F-589/50~300mW		
Central 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	
Central wavelength (nm)	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	