

## LD PUMPED ALL-SOLID-STATE BLUE LASER

RN-W-457/3~10W

### 产品描述

All solid state 457nm blue laser is made features of ultra compact, long lifetime and easy operating, which is used in fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.

### 产品参数

RN-W-457/3~10W		
Model	RN-W-457A (Good beam)	RN-W-457B (Normal Product)
Wavelength (nm)	457±1	
Operating mode	CW	
Output power (W)	~3	>3, 3.5, 4, ..., 10
Power stability (rms, over 4 hours)	<3%, <5%	
Transverse mode	Near TEM <sub>00</sub>	Near TEM <sub>01</sub>
Beam divergence, full angle (mrad)	<1.0	<2.0
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~2.0	~4.0
Warm-up time (minutes)	<10	
Polarization ratio	>100:1	
Beam height from base plate (mm)	93.5	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED/PSU-W-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 yea	