

## BLUE DIODE LASER AT 460nm

RN-III-460L/1~80mW

### 产品描述

It features ultra compact design, long lifetime, cost-effectiveness and easy operation.

They are widely used in laser projection, stage lighting, biomedical applications, metrology, etc

### 产品参数

RN-N-460/1~80mW	
Central wavelength (nm)	460±10
Operating mode	CW
Output power(mW)	>1, 10, 20, ..., 80
Power stability(rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)
Transverse mode	Near TEM <sub>00</sub>
M <sup>2</sup> factor	<1.5
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3.5
Beam divergence,full angle(mrad)	<1
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate(mm)	24.8
Operating temperature(°C)	10~35
Power supply	85-264VAC PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz)
	100-240VAC PSU-A-D (Frequency for 30kHz -100kHz)
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime(hours)	10000
Warranty	1 year