

## INFRARED DIODE LASER AT 830nm

RN-III-830L/1~120mW

## 产品描述

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, spectrum analysis, etc.

## 产品参数

RN-III-830L/1~120mW		
Central wavelength (nm)		830±10
Operating mode		CW
ASE Output power (mW)		>1, 5, 10, ..., 120
Power stability (rms, over 4 hours)		<1%, <2%, <3% (<0.5%, optional)
Transverse mode		Near TEM <sub>00</sub>
Dimensions of beam at the aperture (1/e <sup>2</sup> ,mm)		3.0
Beam divergence, full angle (mrad)		<1.0
Warm-up time (minutes)		<5
Pointing stability after warm-up (mrad)		<0.05
Beam height from base plate (mm)		24. 8
Operating temperature (℃)		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