

## BLUE DIODE LASER AT 445/447/450nm

RN-445/447/450-HS/1-3500mW

### 产品描述

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

They are widely used in scientific research, laser pointing, show and RGB mixed laser systems applications.

### 产品参数

RN-445/447/450-HS/1-3500mW	
Central wavelength (nm)	445±5/ 447±5/ 450±5
Operating mode	CW
Output power (mW)	>1, 100, 1000, ...,2000      >2000, 2500, ...,3500
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)
Transverse mode	Multimode
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~2.7×2.7      ~3.5×3.5
Beam divergence, full angle (mrad)	1.4×0.2
Warm-up time (minutes)	<5
Beam height from baseplate (mm)	45
Operating temperature (°C)	10~35
Power supply (85-264VAC)	PSU-III-LED/ PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional
Expected lifetime (hours)	10000
Warranty	1 year