

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

RN-SD-445/447/450/4W

### 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-SD-445/447/450/4W		
Central wavelength(nm)	445±5/ 447±5/ 450±5	
Operating mode	CW	
Output power(mW)	4000	
Power stability(rms, over 4 hours)	<1%, <2%, <3%	
Polarization direction	Horizontal/ Vertical	Horizontal+ Vertical
Beam diameter at the aperture(1/e <sup>2</sup> mm)	~4.7×2.7	~2.7×2.7
Beam divergence,full angle(mrad)	1.4×0.2	
Warm-up time(minutes)	<5	
Operating temperature(°C)	10~35	
Power supply (100-240VAC)	PSU-H-LED/ PSU-H-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional	
Expected lifetime(hours)	10000	
Warranty	1 year	