

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

RN-XD-445/447/450/9-20W

### 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-XD-445/447/450/9-20W		
Central wavelength(nm)	445±5/ 447±5/ 450±5	
Operating mode	CW	
Output power(mW)	>9000 ,10000,..., 16000	>17000 ,18000,..., 20000
Power stability(rms, over 4 hours)at 25°C	<1%, <2%, <3%	
Polarization direction	Horizontal+ Vertical	
Beam diameter at the aperture(mm)	~5×5	~7.5×5
Beam divergence,full angle(mrad)	<2.4×2.0	<2×4
Warm-up time(minutes)	<5	
Beam height from base plate (mm)	35	
Operating temperature(°C)	10~35	
Driver (12VDC 15A)	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	