

## BLUE DIODE LASER AT 442nm

RN-H-444/1~3000mW

### 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-H-444/1~3000mW		
Central wavelength (nm)	444±2	
Operating mode	CW	
Output power (mW)	>1,100,200...1500	>1,100,500...3000
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)	
Transverse mode	Multimode	
Beam divergence, full angle (mrad)	1.4×0.2	
Beam diameter at the aperture (mm)	~2.7×2.7	~3.5×3.5
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<5	
Beam height from baseplate (mm)	45	
Operating temperature (°C)	10~35	
Power supply (100-240VAC)	PSU-III-LED/ PSU-III-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, optional	
Expected lifetime (hours)	10000	
Warranty	1 year	