

BLUE DIODE LASER AT 445/447/450nm

RN-F-445/447/450/1000~3500mW

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-III-445/447/450/1000~3500mW			
Model	RN-F-445	RN-F-447	RN-F-450
Central wavelength(nm)	445±5	447±5	450±5
Operating mode	CW		
Output power(mW)	>100, 500, 1000, ...,2000	>2000, 2500, ...,3500	
Power stability(rms, over 4 hours)	<1%,<3%,<5%		
Transverse mode	Multimode		
Beam diameter at the aperture(1/e ² mm)	~2.7×2.7		~3.5×3.5
Beam divergence,full angle(mrad)	1.4×0.2		
Polarization ratio	>50:1(>100:1,optional) Horizontal±5 degree(Vertical Optional)		
Warm-up time(minutes)	<5		
Beam height from base plate(mm)	45		
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		