

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 used in scientific research, laser pointing, measurement, communication, spectrum analysis, etc

产品参数

RN-F-445/447/450/1000~3500mW			
Model	RN-III-445	RN-III-447	RN-III-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 baseplate (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		