

BLUE DIODE LASER AT 445/447/450nm

RN-III-445/447/450/80~1000mW

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-445/447/450/80~1000mW			
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)	>80,90,...,500		>500,600,...,1000
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)		
Transverse mode	Multimode		
Beam diameter at the aperture ((1/e ² ,mm)	<2.5×5.2		<2×5
Beam divergence, full angle (mrad)	<2.1×1.6		<2.5×0.2
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)		
Warm-up time (minutes)	<5		
Beam height from base plate (mm)	24.8		
Operating temperature (°C)	10~35		
Power supply	85-264VAC	Frequency for 1Hz-30kHz	
	100-240VAC	Frequency for 30kHz -100kHz	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional		
Expected lifetime (hours)	10000		
Warranty	1 year		