

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	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz)	
	100-240VAC	PSU-A-D (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		