

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

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 baseplate (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		