

BLUE DIODE LASER AT 445/447/450nm

RN-445/447/450-HS/1-3500mW

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-445/447/450/1~3500mW		
Central wavelength(nm)	445±5/ 447±5/ 450±5	
Operating mode	CW	
Output power(mW)	>1, 100, 1000, ..., 2000	>2000, 2500, ..., 3500
Power stability(rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)	
Transverse mode	Multimode	
Beam diameter at the aperture(1/e ² mm)	~2.7×2.7	~3.5×3.5
Beam divergence,full angle(mrad)	1.4×0.2	
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	