

## BLUE DIODE LASER AT 442nm

RN-D-442/5-8W

### 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, measurement, communication, spectrum analysis, etc.

### 产品参数

RN-D-442/5-8W	
Central wavelength (nm)	442±5
Operating mode	CW
Output power (mW)	>5000, 6000, ..., 8000
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Polarization direction	Horizontal/ Vertical
Beam divergence, full angle (mrad)	~3.2×3.2
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~1.4×0.2
Warm-up time (minutes)	<5
Beam height from base plate (mm)	68.2
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 optional
Expected lifetime (hours)	10000
Warranty	1 year