

# 442nm低噪声激光器

产品名称	442nm低噪声激光器
公司名称	长春市亮丽光电有限公司
价格	111.00/件
规格参数	亮丽光电:台
公司地址	长春市绿园区西环城路以东小房身棚户区大禹华邦第C-06幢1单元1403号房
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## 产品详情

442nm低噪声激光器LLDZ442-50mw

LOW NOISE BLUE DIODE LASER AT 442nmIt features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, communication, spectrum analysis, etc.

Central wavelength (nm)波长	442 ± 10
Operating mode输出模式	CW
Output power (mW)功率	>80
Power stability (rms, over 4 hours)功率稳定性	<1%, <2%, <3% (<0.5%, optional)
Transverse mode光斑模式	Near TEM00
Noise of amplitude(rms,20Hz~20MHz)噪声	<1%
M2 factor光束质量	<1.5 (<1.2, optional)
Beam diameter at the aperture (1/e2,mm)光斑	~3.5 (~1.2, optional)
Beam divergence, full angle (mrad)发散角	<1
Polarization ratio偏振比	>50:1 (>100:1, optional)Horizontal ± 5 degree (Vertical Optional)
Warm-up time (minutes)上升时间	<5
Pointing stability after warm-up (mrad)光斑指向稳定性	<0.05
Beam height from base plate (mm)中心高	24.8
Operating temperature ( )	10~35
Power supply	100-240VAC
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz

optional

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Expected lifetime (hours)

10000

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Warranty

1 year