Opto Engine LLC

MLL-III-845 nm/1~30mW

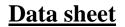
LOW NOISE INFRARED DIODE LASER AT 845 nm

The diode low noise laser module at 845 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	845±10		
Output power (mW)	>1, 2, 3,,30		
Transverse mode	Near TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Noise of amplitude(rms,1~20MHz)	<1%		
Warm-up time (minutes)	<5		
Beam divergence, full angle (mrad)	0.5		
Beam diameter at the aperture (mm)	~4.0		
Beam height from base plate (mm)	24.8		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
Expected lifetime (hours)	10000		
Warranty period	1 year		



AVOD EXPOSURE Laserradation is emitted from this APERTURE

DANGER

LASER RADIATION-AVOID DRECTEMOSURETOREA HEAKPOWER:30nW WAVELENGTH 405nm-473nm CLASS HID LASER PRODUCT

This device complies with 21 CFR 1040.10 and 1040.11 Changehan New Industries Optielectronics Tech. Co., Ltd (CNI) 668 Changein Rd, Changehan, P.R. Chino

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