Opto Engine LLC

MDL-III-845nm/1~30mW

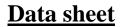
SPECIFICATIONS

INFRARED DIODE LASER AT 845nm

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



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%			
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			



Rev. 1505



MxL-III-845	PSU-III-LED	PSU-III-FDA	PSU-III-OEM
139(L)×73(W) ×46. 2(H) mm ³ , 0.6kg	153 (L) ×155(W) ×92 (H) mm ³ , 1.5kg	DPSSL DRIVER	100 (L) ×62(W) ×56 (H) mm ³ , 0.2kg

Opto Engine LLC 7397 Balboa Dr. Midvale, Utah 84047 USA Tel: (801) 553-2253 Email: info@OptoEngine.com Website: www.OptoEngine.com