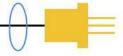


Lasermate Group, Inc.



The Friend of Lasers

EEDL532 Series 532nm Flat-Top Beam Laser System up to 5000mW

Overview

The EEDL532 series flat-top beam laser is ideal for applications that require a wavelength of 532nm and output power levels up to 5000mW. The non-gaussian laser features flat beam profile and even energy distribution spot. The laser is widely used in medical treatment, ultraviolet curing, fluorescence detection, criminal investigation, and scientific research.



Specifications

Model Number		EEDL532-XYZQ
Wavelength (nm)		532
Operating mode		CW
Power before fiber (W)		~1 (X=1W), ~3 (X=3W), ~5 (X=5W)
Beam distribution		Uniform speckle-free illumination
Dimension (mm)		207×281×110
Fiber collimator		Adjustable focus
Standard fiber		Armored 1.5m
Beam diameter at aperture (mm)		3 (D=3), 5 (D=5), 8 (D=8), 10 (X=10)
Beam size with collimator		20cm beam diameter at 50cm location
Output power		0-100%, adjustable by knob
LED display		Diode current
Input power		90-264VAC, 50 to 60Hz
Cooling method		Air cooled
Operating temperature (°C)		10-40
Dimensions of laser (mm)		-
Modulation option		None (Q=0)
	TTL	1Hz-1kHz (Q=T1) , 1kHz-10kHz (Q=T2)
	Analog	1Hz-1kHz (Q=A1), 1kHz-10kHz (Q=A2)
Expected lifetime (hours)		10,000
Warranty period		10 months

Remarks:

• Specifications of the CW laser is based on the laser performance at full power output after the specified warmup period. The stability of output power may change when output power is adjusted at a different power level.

Fiber Collimator with Adjustable Focus



Note: The above specifications are subject to change without notice.