

MPL-FL-355/1-1000mW/1-50uJ



FL SERIES 355nm LASER SOURCE

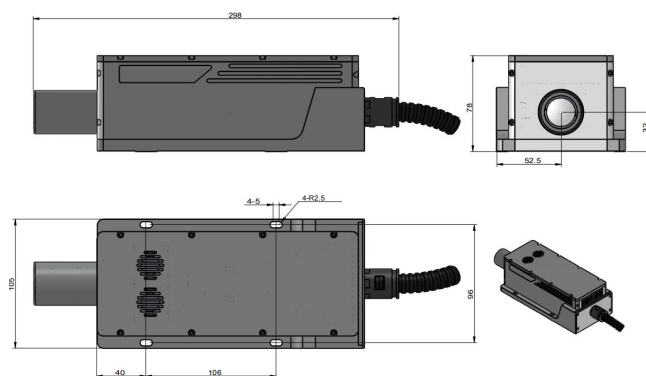
FL-355nm series laser has the features of high peak power, high repetition rate, and short pulse duration, which is used in scientific research, biology, instrumentation, 3D marking, laser marking, sub-surface engraving and so on.

SPECIFICATIONS

Central wavelength (nm)		355±1
Output average power (mW)		1-1000
Operating mode		Passively
Average power (mW)		Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
Rep. rate	EXT TRIG	1-15kHz by external trigger with stable pulse energy, pulse duration and pulse period.
	QCW	QCW state with one rep. rate ~20kHz.
Single pulse energy (μJ)		1-50
Pulse duration (ns) ¹		~5
Peak power (kW)		~10
Power stability (rms, 4 hours ± 3°C)		<3%, <2%, <1%
Transverse mode		TEM ₀₀
Beam divergence, full angle (mrad)		<1.0
Beam diameter at the aperture (1/e ² , mm)		~3.0
Polarization ratio		>100:1 Vertical
Beam height from base plate (mm)		32
Warm-up time (minutes)		<10
Operating temperature (°C)		10-35
Power supply (100-240VAC)		PSU-N-LED
Expected lifetime (hours)		>10000

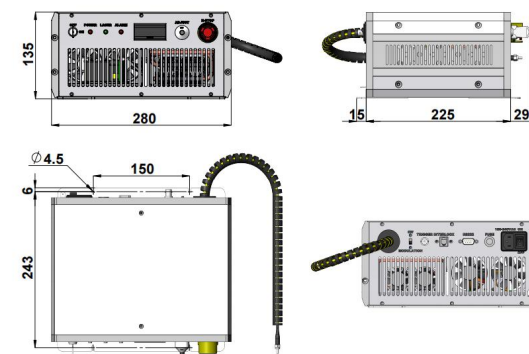


LASER HEAD



298 (L) × 105 (W) × 78 (H) mm³, 2.85 kg

POWER SUPPLY (PSU-N-LED)



280 (L) × 249 (W) × 135 (H) mm³, 5.9 kg

¹ Fixed Pulse width.

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068