



MLL-T-1064-SM

SM FIBER OUTPUT LASER

CNI has a long experience in the delivery of fiber coupled laser light sources providing high efficiency and long term stability. All laser types can be offered with appropriate fiber coupling systems. This type is specifically designed for single-mode fiber(include PM) coupling with high power stability and long term stability.

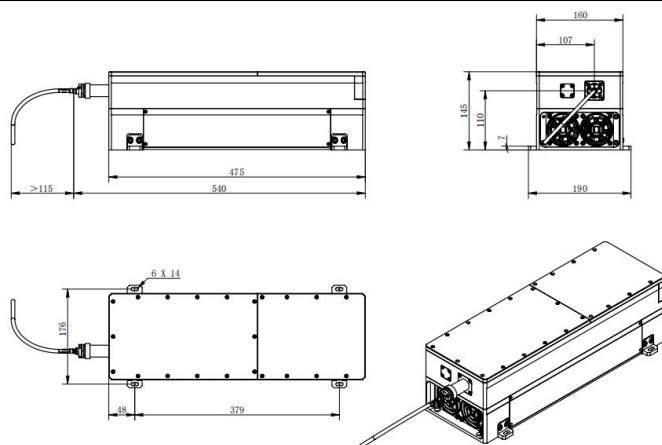


SPECIFICATIONS

Part number	MLL-T-1064-SM
Wavelength (nm)	1064±1
Operating mode	CW
Output power (mW)	1-7000
Power stability (rms, over 4 hours)	3%, <2%, <1%(optional)
Transverse mode	TEM ₀₀ (single mode fiber output)
M ²	<1.1
Fiber numerical aperture	0.10-0.12
Polarization ratio (optional)	>50:1 after PM fiber
Noise of amplitude (rms, 20Hz~20MHz)	<1%
Fiber type	SM fiber (PM fiber optional)
Fiber connector	FCAPC
Fiber jacket	PVC
Fiber length	1m (Other lengths can be customized)
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	10-30
Power supply (100-240VAC)	PSU-W-LED/ PSU-W-FDA
Modulation optional	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz; TTL and Analog optional
Expected lifetime (hours)	> 10000

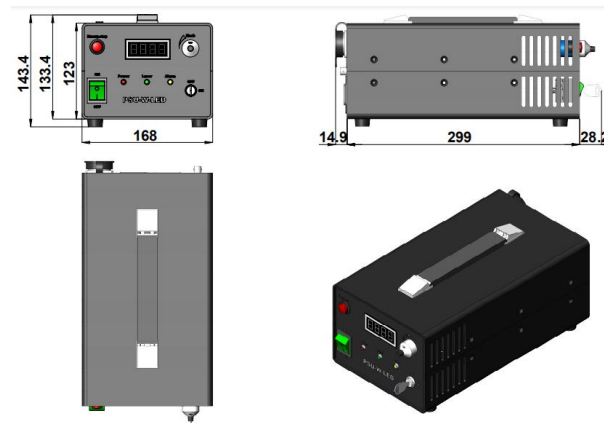


LASER HEAD



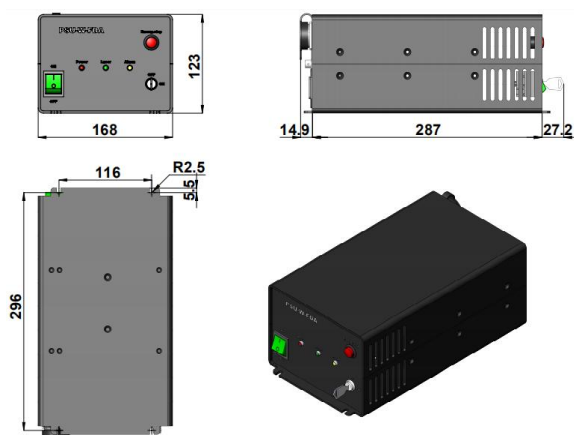
540 (L) × 190 (W) × 145 (H) mm³

POWER SUPPLY (PSU-W-LED)



342.1 (L) × 168 (W) × 143.4 (H) mm³, 4.2 kg

POWER SUPPLY (PSU-W-FDA)



329.1 (L) × 168 (W) × 123 (H) mm³, 4.1 kg