

MIL-N-1990/1~600mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1990nm

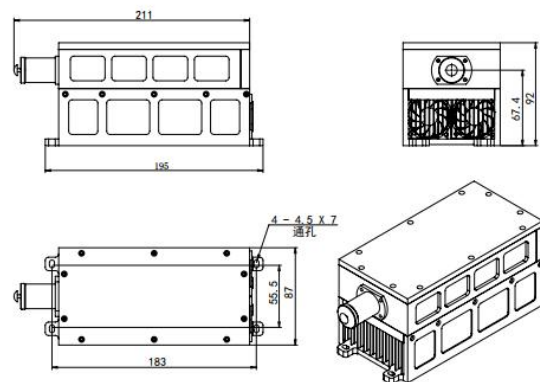
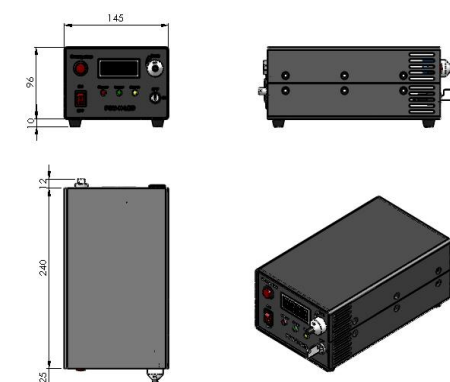
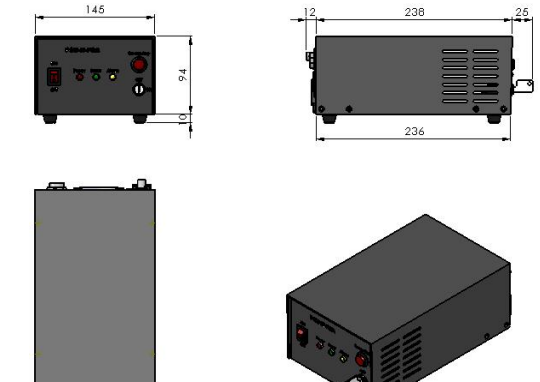
All solid state infrared laser at 1990nm is made features of ultra compact, long lifetime and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	1990 ± 3	
Operating mode	CW	
Output power (mW)	>1, 2, 3, ..., 600	
Power stability (rms, over 4 hours)	<0.5%, <1%, <2%	
Transverse mode	Near TEM ₀₀	
Polarization ratio	>100:1	
Beam divergence, full angle (mrad)	<7	
Beam diameter at the aperture (1/e ² , mm)	<5	
Beam height from base plate (mm)	67.4	
Warm-up time (minutes)	<10	
Operating temperature (°C)	15~30	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MIL-N-1990	PSU-H-LED	PSU-H-FDA
 <p>211(L) × 87(W) × 92(H) mm³, 4.5kg</p>	 <p>277 (L) × 145(W) × 106 (H) mm³, 2.6 kg</p>	 <p>275 (L) × 146(W) × 104 (H) mm³, 2.4 kg</p>