

MIL-N-1910/1-2000mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1910nm

All solid state infrared laser at 1910nm is made features of ultra compact, long lifetime and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.

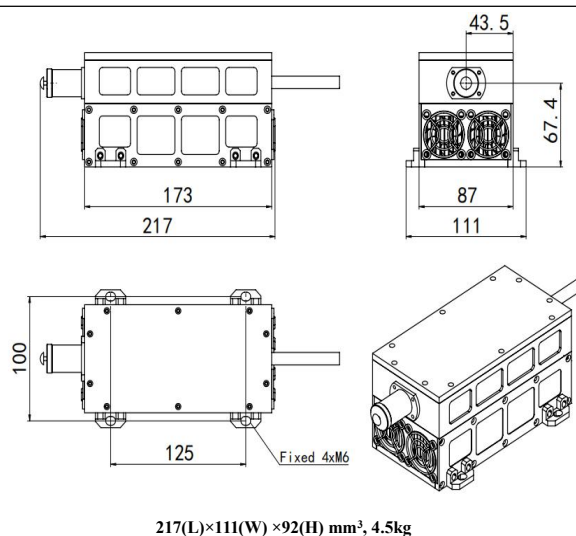


SPECIFICATIONS

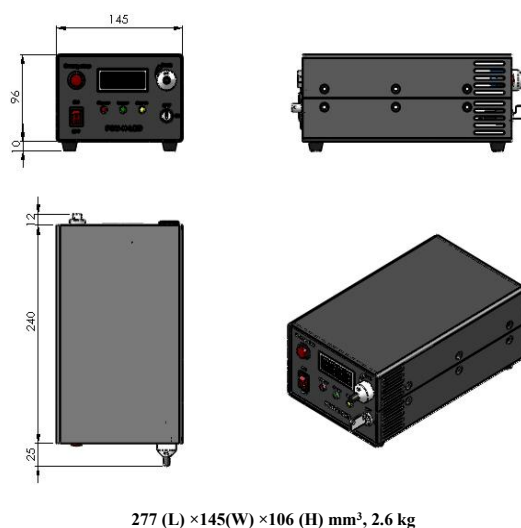
Wavelength (nm)	1910±4
Operating mode	CW
Output power (mW) ¹	1-2000
Power stability (rms, 4 hours±3°C)	<2%, <1%
Transverse mode	Near TEM ₀₀
Polarizaion ratio	>50:1 Vertical
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e ² ,mm)	<2
Beam height from base plate (mm)	67.4
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	15-30
Power supply (100-240VAC)	PSU-H-LED or PSU-H-FDA
Expected lifetime (hours)	>10000



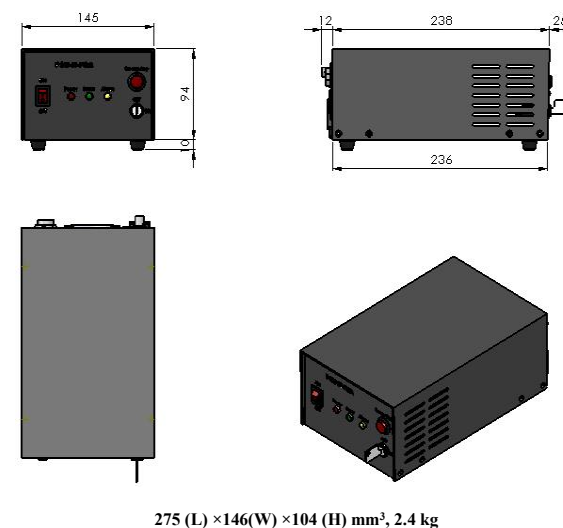
LASER HEAD



POWER SUPPLY (PSU-H-LED)



POWER SUPPLY (PSU-H-FDA)



¹ Any power level can be selected in this range.