

MIL-V-3700/1-250mW

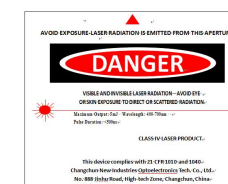
SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE Infrared LASER AT 3700nm

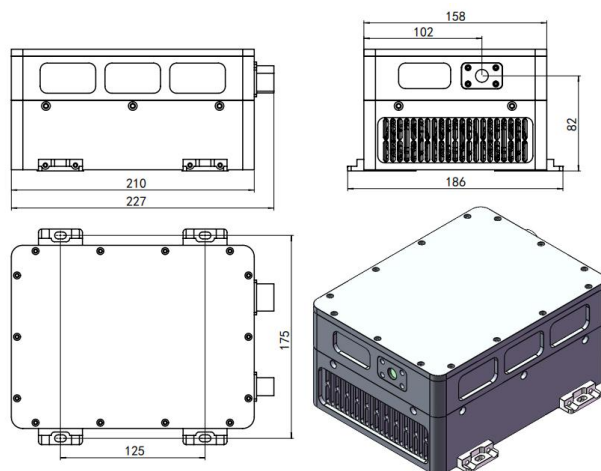
The series of laser provide a CW output power of about max 250mW. The customer can order any wavelength range in the list. It is widely used in remote sensing, communication, spectrum analysis, etc.



Wavelength (nm)	3700±5
Operating mode	CW
Output power (mW) ¹	1-250
Power stability (rms, 4 hours±3°C)	<3%, <2%
Beam divergence, full angle (mrad)	<5
Beam diameter at the aperture (1/e ² ,mm)	<6
Beam height from base plate (mm)	82
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	15-35
Power supply (100-240VAC)	RAD1PS
Expected lifetime (hours)	>10000

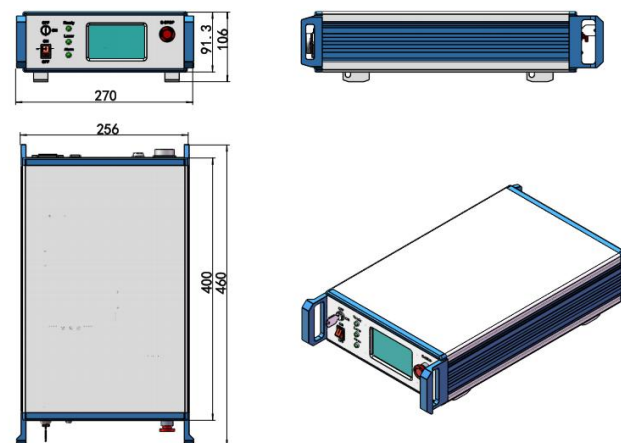


LASER HEAD



229(L)×186(W) ×105(H) mm³,5.5kg

POWER SUPPLY



460 (L) ×270(W) ×106(H) mm³, 7 kg

¹ Any power level can be selected in this range.