

MIL-W-2600-4480/1-1000mW

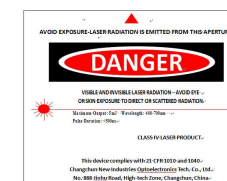
LD PUMPED ALL-SOLID-STATE MID-IR LASER AT 2600-4480nm

The series of laser provide a CW output power of about max 1000mW and has a wide tuning range. The customer can order any wavelength range in the list. It is widely used in spectroscopy, remote sensing, medical, etc.

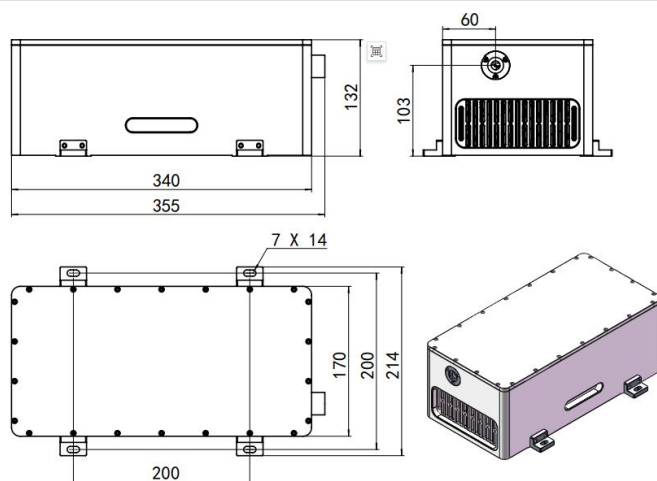


SPECIFICATIONS

Wavelength (nm)	2600-3700	3900	4000	4100	4200	4300	4400	4480
Wavelength deviation (nm)	±30							
Operating mode	CW							
Output power (mW) ¹	250-1000	50-800	50-500	50-400	50-200	20-100		
Power stability (rms, 4 hours±3°C)	<5%, <3%							
Beam divergence, full angle (mrad)	<11							
Beam diameter at the aperture (1/e ² ,mm)	<11							
Beam height from base plate (mm)	103							
Warm-up time (minutes)	<10							
Cooled method	Air Cooled							
Operating temperature (°C)	15-35							
Power supply (100-240VAC)	RAD1PS							
Expected lifetime (hours)	>10000							

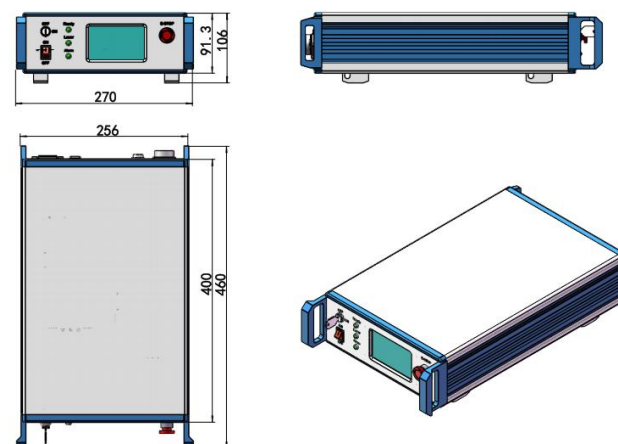


LASER HEAD



355 (L)×214 (W) ×132 (H) mm³, 12kg

POWER SUPPLY



460 (L) ×270(W) ×106(H) mm³, 7 kg

¹ Any power level can be selected in this range.