



MIL-W-3800/250-2800mW

LD PUMPED ALL-SOLID-STATE MID-IR LASER AT 3800nm

CNI's All solid state infrared laser at 3800nm features high power, long Lifetime and easy operating, it is widely used in material processing especially for plastics, FSO communication and security applications, etc.

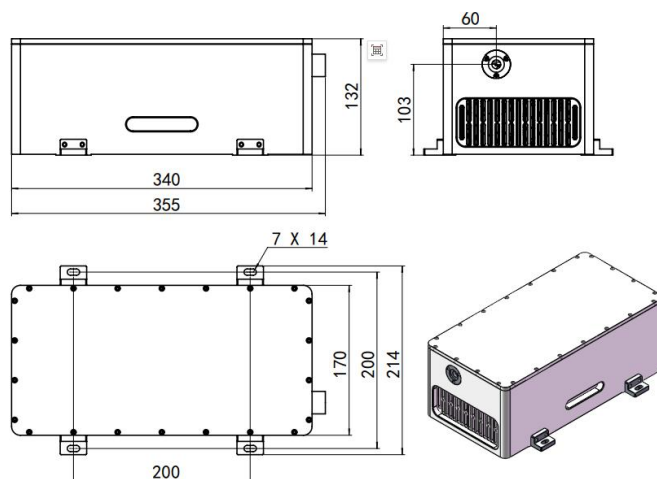


SPECIFICATIONS

Wavelength (nm)	3800±30	
Operating mode	CW	
Output power (mW) ¹	250-1000	1000-2800
Power stability (rms, 4 hours±3°C)	<5%, <3%, (<1% optional@2.8W)	
Beam divergence, full angle (mrad)	<10	<8
Beam diameter at the aperture (1/e ² ,mm)	<10	<12
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	

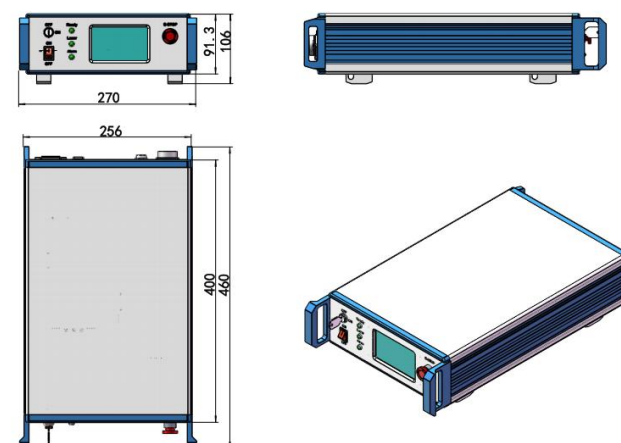


LASER HEAD



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.