

TUN-V-2916-3918/1-400mW

LD PUMPED ALL-SOLID-STATE Infrared LASER AT 2916-3918nm

The series of laser provide a CW output power of about max 400mW and has a wide tuning range. The customer can order any wavelength range in the list. It is widely used in remote sensing, communication, spectrum analysis, etc.

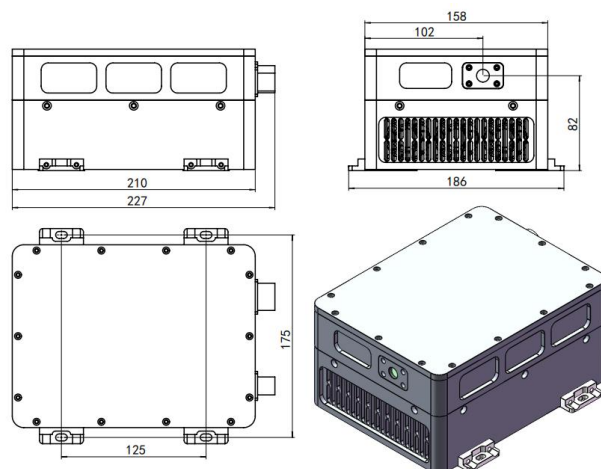


SPECIFICATIONS

Wavelength (nm)	2916-2992	3000-3200	3393-3575	3619-3784	3815-3918
Wavelength deviation (nm)	±5				
Operating mode	CW				
Output power (mW) ¹	1-400	1-200	1-300	1-100	1-100
Power stability (rms, 4 hours±3°C)	<5%, <3%				
Beam divergence, full angle (mrad)	<5	<5	<5	<5	<8
Beam diameter at the aperture (1/e ² , mm)	<6	<6	<7	<7	<8
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)	RADIPS				
Expected lifetime (hours)	>10000				

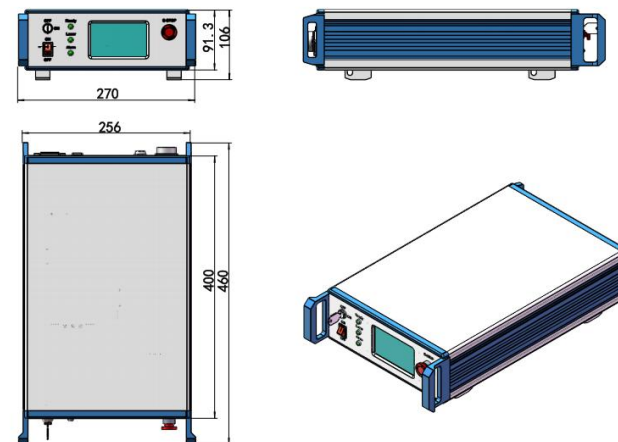


LASER HEAD



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.