

MIL-W-1940/1-11W

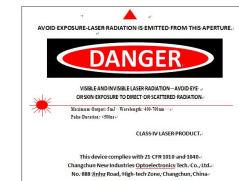
LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1940nm

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

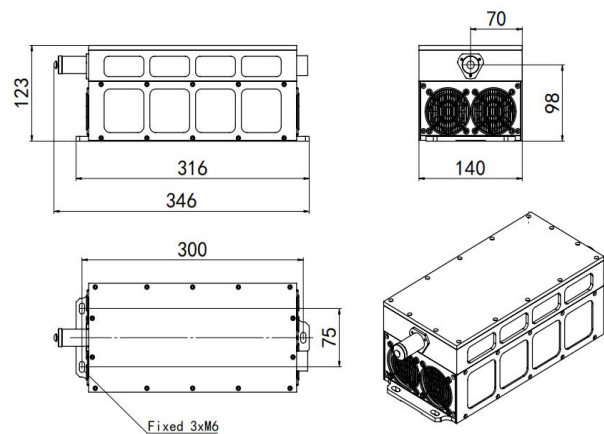


SPECIFICATIONS

Wavelength (nm)	1940±2
Operating mode	CW
Output power (W) ¹	1-11
Power stability (rms, 4 hours±3°C)	<5%, <3%
Transverse mode	Near TEM ₀₀
Beam divergence, full angle (mrad)	<8
Beam diameter at the aperture (1/e ² ,mm)	<5
Polarization ratio	>100:1 Vertical
Beam height from base plate (mm)	98
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	15-35
Power supply (100-240VAC)	PSU-W-LED or PUS-W-FDA
Expected lifetime (hours)	>10000

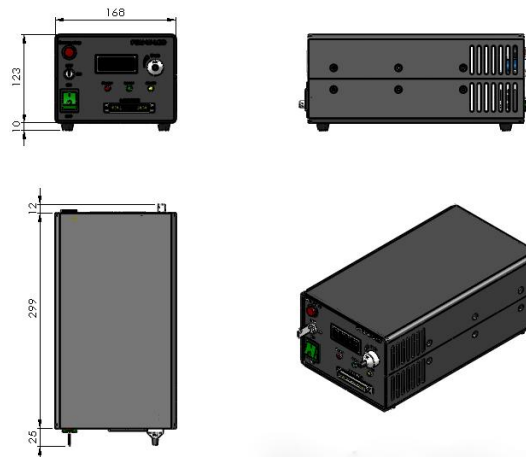


LASER HEAD



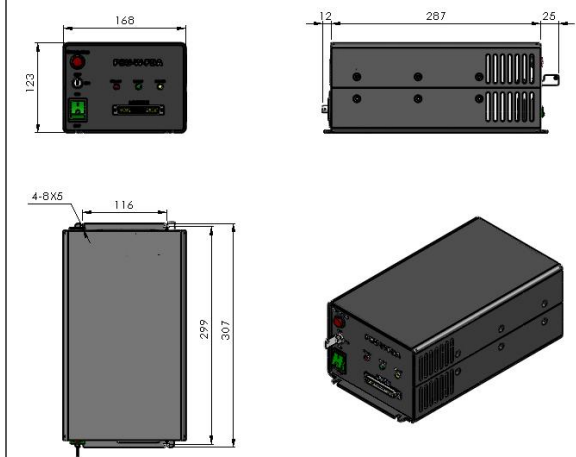
346 (L) × 140 (W) × 123 (H) mm³, 8.5kg

POWER SUPPLY (PSU-W-LED)



336 (L) × 168 (W) × 133 (H) mm³, 4.6 kg

POWER SUPPLY (PSU-W-FDA)



307 (L) × 168 (W) × 123 (H) mm³, 4.5 kg

¹ Any power level can be selected in this range.