

MIL-N-1645/1-1000mW

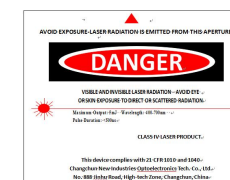
LD PUMPED ALL-SOLID-STATE INFRARED LASER

All solid state 1645nm infrared laser is in the eye-safe spectral range and made features of good beam quality which is widely used for long-distance telemetry and ranging, laser radars, and designation , etc.

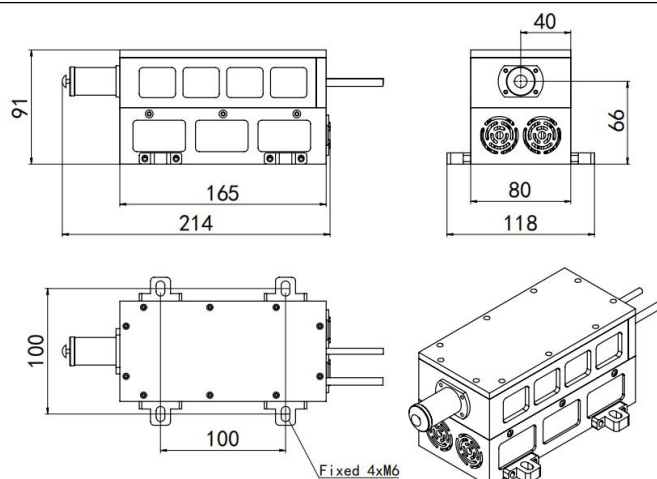


SPECIFICATIONS

Wavelength (nm)	1645±1
Operating mode	CW
Output power (mW) ¹	1-1000
Power stability (rms, 4 hours±3°C)	<5%, <3%
Transverse mode	Near TEM ₀₀
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e ² ,mm)	<3
Beam height from base plate (mm)	66
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	15-35
Power supply (100-240VAC)	RADIPS
Expected lifetime (hours)	>10000

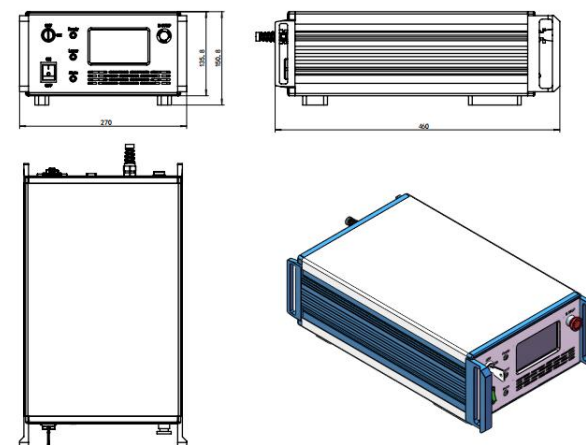


LASER HEAD



214(L)×118(W)×91(H) mm³, 3.0 kg

POWER SUPPLY



460(L)×270(W)×161(H) mm³, 7.2 kg

¹ Any power level can be selected in this range.