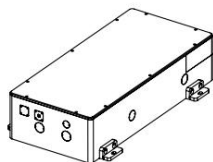


MIL-Z-1064/40~60W



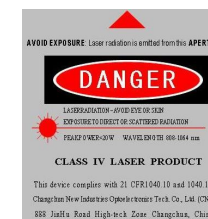
LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1064 nm

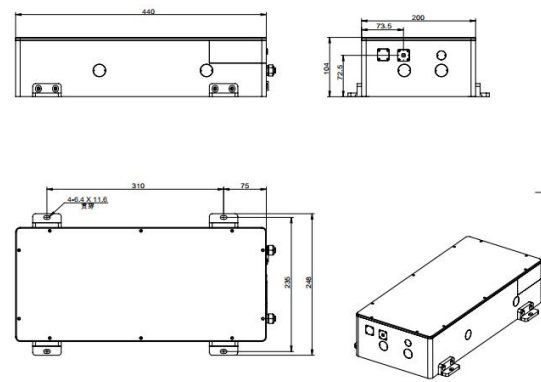
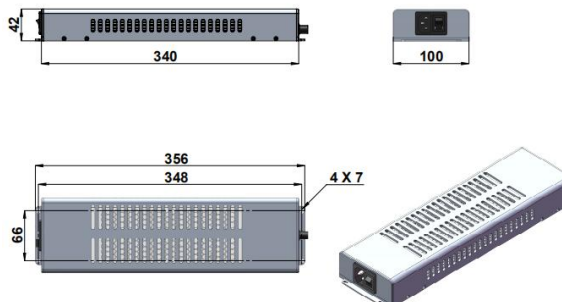

All solid state infrared laser at 1064 nm is made features of ultra compact, long lifetime and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	CW
Output power (W)	>40, 50 ..., 60
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Transverse mode	TEM ₀₀
M ² factor	<1.3
Beam divergence, full angle (mrad)	~1
Beam diameter at the aperture (1/e ² , mm)	~2
Warm-up time (minutes)	<10
Beam height from base plate (mm)	72.5
Polarization ratio	>50:1(100:1 Optional) , Horizontal (Vertical Optional)
Cooled method	Water cooled
Operating temperature (°C)	10~35
Power supply	DC 36V/ 13.8A
Expected lifetime (hours)	10000
Warranty period	1 year



MIL-Z-1064	Power supply 100-240VAC	Water Chiller (WCH-580)
 <p>440(L) × 248 (W) × 104(H) mm³</p>	 <p>DC36V 13.8A; 340 (L) × 100 (W) × 42 (H) mm³</p>	 <p>363.8 (L) × 253.2 (W) × 230.6 (H) mm³, 10.5 kg</p>



长春新产业光电技术有限公司

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DATA SHEET