



MGL-W-594A/100-800mW



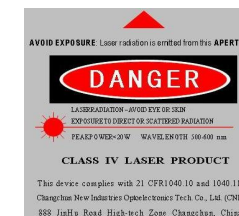
LD PUMPED ALL-SOLID-STATE
YELLOW LASER AT 594nm

All solid state 594nm yellow laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.

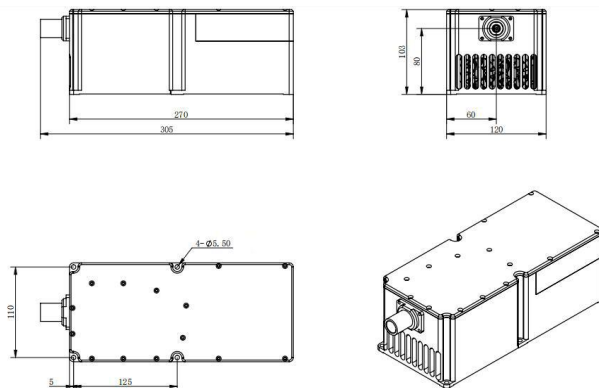


SPECIFICATIONS

Wavelength (nm)	594±1
Operating mode	CW
Output power (mW) ¹	100-800
Power Stability (rms, 4 hours ± 3°C)	<5%, <3%, (<2% optional)
Transverse mode	Near TEM ₀₀
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (1/e ² , mm)	~4.0
Warm-up time (minutes)	<10
Pointing Stability(urad) (over 2 hours after warm-up and ±3°C)	<50
Pointing Stability Over Temperature (urad/°C)	<20
Polarization ratio	>50:1(100:1 optional) , Horizontal(Vertical optional)
Beam height from base plate (mm)	80
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-W-LED
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000

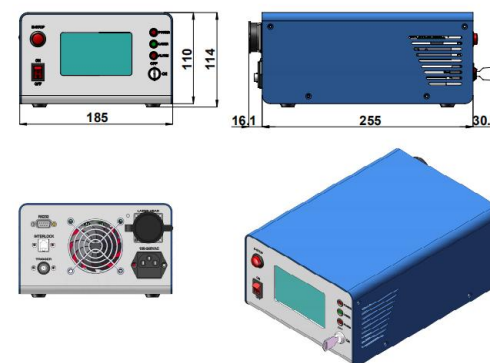


LASER HEAD



305 (L) × 120 (W) × 103 (H) mm³, 5.4 kg

POWER SUPPLY



301.5 (L) × 185 (W) × 114 (H) mm³, 3.0 kg

¹ Any power level can be selected in this range.

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