

MGL-W-589A/800~4500mW



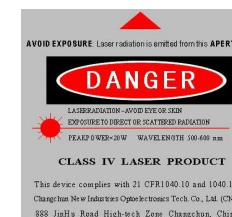
LD PUMPED ALL-SOLID-STATE
YELLOW LASER AT 589nm

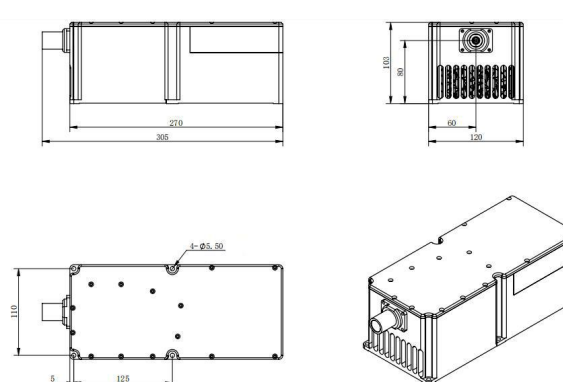
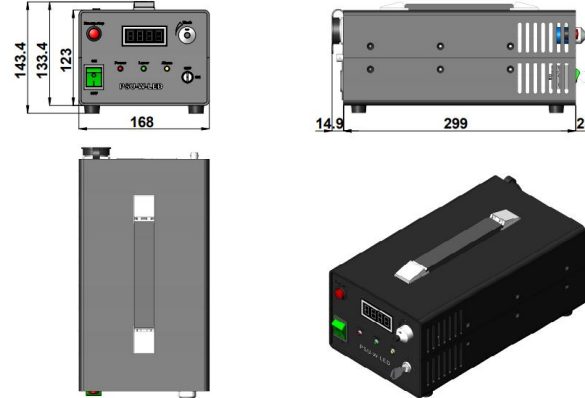
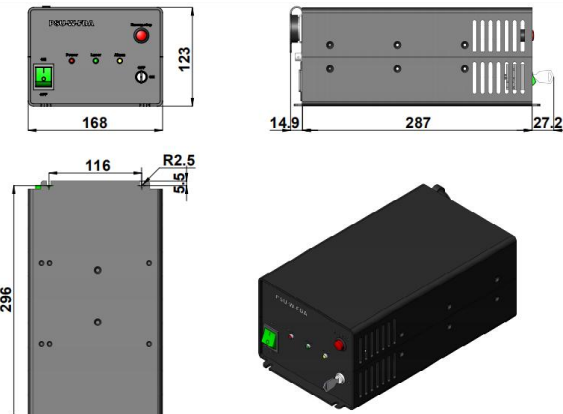
All solid state 589 nm yellow laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Wavelength (nm)	589±2
Operating mode	CW
Output power (mW)	>800, 850, 900, ..., 4500
Power stability (rms, over 4 hours)	<5%, <3%, <1%
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
Polarization ratio	>50:1(>100:1 optional)
Beam height from base plate (mm)	80
Operating temperature (°C)	20~30
Power supply (100-240VAC)	PSU-W-LED/PSU-W-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty period	1 year



MGL-W-589A	PSU-W-LED	PSU-W-FDA
 <p>305 (L) × 120 (W) × 103 (H) mm³, 5.4 kg</p>	 <p>342.1 (L) × 168 (W) × 143.4 (H) mm³, 4.2 kg</p>	 <p>329.1 (L) × 168 (W) × 123 (H) mm³, 4.1 kg</p>