

OEM-W-589-Water/1~4W

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

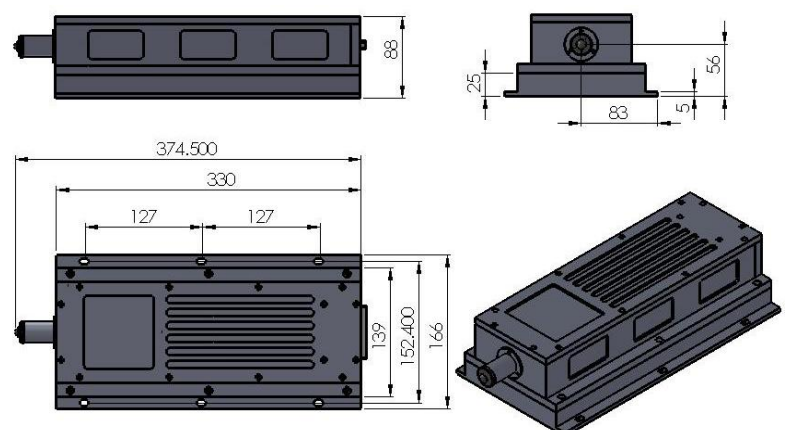
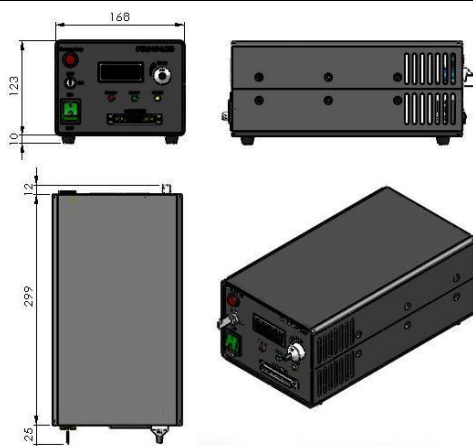

All solid state laser at 589nm is made features of ultra compact, long lifetime and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	589 ± 2
Operating mode	CW
Output power (W)	>1, 1.5, ..., 4
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%
Transverse mode	TEM <sub>00</sub>
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~4.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	56 (with water cooling plate)
Polarization ratio	>50:1
Cooled method	Water Cooled
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-W-LED
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty period	1 year



OEM-W-589	PSU-W-LED	WCH-370 (Optional)
 <p>374.5 (L) × 166 (W) × 88 (H) mm<sup>3</sup></p>	 <p>336 (L) × 168 (W) × 133 (H) mm<sup>3</sup>, 4.6 kg</p>	 <p>580 (L) × 290 (W) × 470 (H) mm<sup>3</sup>, 23 kg</p>