

MLL-V-671/1~5W



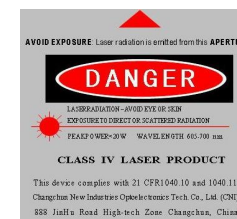
**LD PUMPED ALL-SOLID-STATE
LOW NOISE RED LASER**

All solid state 671nm low noise laser is made features of ultra compact, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	671±1
Operating mode	CW
Output power (W)	>1,2,3,4, 5
Power stability (rms, over 4 hours)	<5%, <3%, <2%, <1%
Transverse mode	TEM ₀₀
Noise of amplitude (rms, 1Hz~20MHz)	<1%
M ² factor	<1.3
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² , mm)	~2.0
Warm-up time (minutes)	<10
Polarization ratio	>50:1(>100:1 optional), Vertical(Horizontal Optional)
Beam height from base plate (mm)	68
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



MLL-V-671	PSU-W-LED	Water Chiller (WCH-580)
<p>240 (L) × 110 (W) × 95 (H) mm³, 3.8 kg</p>	<p>301.5 (L) × 185 (W) × 114 (H) mm³</p>	<p>369.8 (L) × 258.4 (W) × 240.6 (H) mm³, 10.5 kg</p>