

MLL-V-532/1~15W



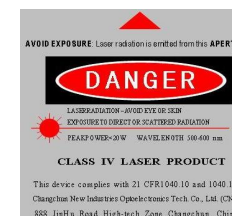
**LOW NOISE GREEN LASER
AT 532nm**

Low noise green laser at 532nm is made features of good beam profile, ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, etc.

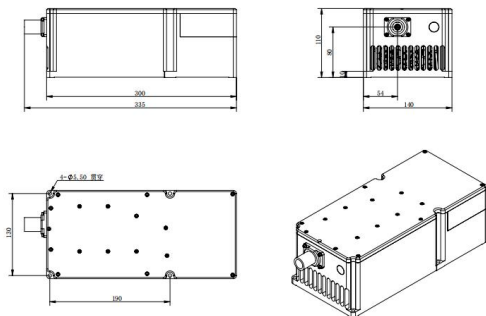


SPECIFICATIONS

Model	MLL-V-532	MLL-V-532-Water	
Wavelength (nm)	532±1		
Operating mode	CW		
Output power (W)	>1, 2, ..., 10	>1, 2, ..., 10	>10, 11, ..., 15
Power stability (rms, over 4 hours)	<1%	<1%, <0.5%	<2%, <1%, <0.5%
Transverse mode	TEM ₀₀		
Spectral linewidth (nm)	<0.15		
Noise of amplitude(rms,1Hz~20MHz)	<1%	<1%, <0.5%	<2%, <1%
M ² factor	<1.2	<1.2	<1.3
Beam divergence, full angle (mrad)	~1.0		
Beam diameter at the aperture (1/e ² , mm)	~2.0		
Warm-up time (minutes)	<10		
Polarization ratio(Horizontal)	> 100:1 (vertical optional)		
Beam height from base plate (mm)	80	68	
Cooled method	Air Cooled	Water Cooled	
Operating temperature (°C)	10~35		
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		

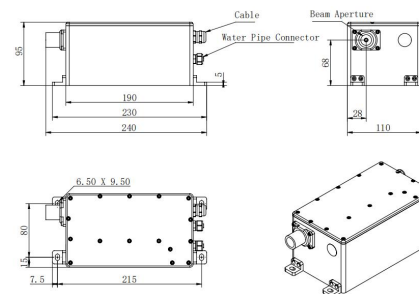


MLL-V-532



335 (L) × 140 (W) × 110 (H) mm³, 6.2 kg

MLL-V-532-Water



240 (L) × 110 (W) × 95 (H) mm³, 3.8 kg

PSU-W-LED	PSU-W-FDA	Water Chiller (WCH-580)
<p data-bbox="331 710 654 734">342.1 (L) × 168 (W) × 143.4 (H) mm³, 4.2 kg</p>	<p data-bbox="958 710 1263 734">329.1 (L) × 168 (W) × 123 (H) mm³, 4.1 kg</p>	<p data-bbox="1554 710 1899 734">369.8 (L) × 258.4 (W) × 240.6 (H) mm³, 10.5 kg</p>