

MLL-V-532/1~15W



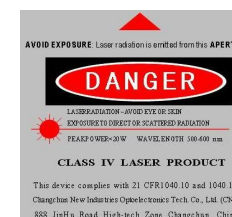
LOW NOISE GREEN LASER AT 532nm

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.

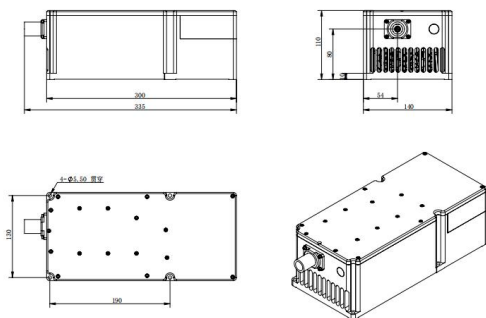


SPECIFICATIONS

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,20Hz~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	>50:1(>100:1 optional), Horizontal(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		
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional		
Expected lifetime (hours)	10000		
Warranty period	1 year		

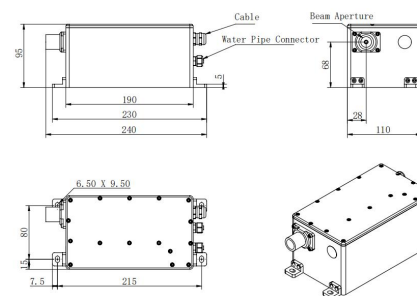


MLL-V-532



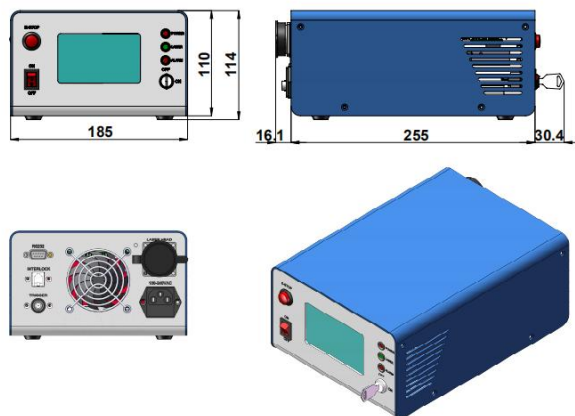
335 (L) × 140 (W) × 110 (H) mm³, 6.2 kg

MLL-V-532-Water



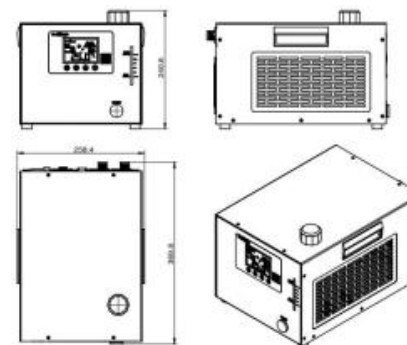
240 (L) × 110 (W) × 95 (H) mm³, 3.8 kg

PSU-W-LED



301.5 (L) × 185 (W) × 114 (H) mm³

Water Chiller (WCH-580)



369.8 (L) × 258.4 (W) × 240.6 (H) mm³, 10.5 kg