

MLL-V-532/1-15W



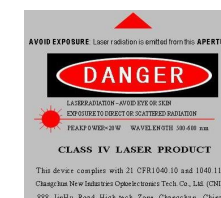
LOW NOISE GREEN LASER AT 532nm

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.

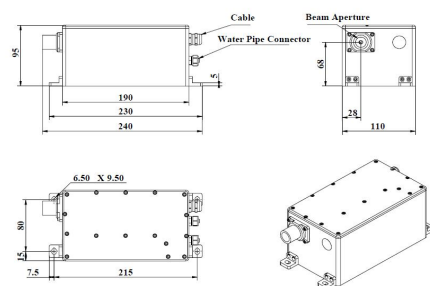


SPECIFICATIONS

Model	MLL-V-532	
Wavelength (nm)	532±1	
Operating mode	CW	
Output power (W) ¹	1- 10	10-15
Power Stability (rms, 4 hours ± 3°C)	<2%, <1%, (<0.5% optional)	
Transverse mode	TEM ₀₀	
Spectral linewidth (nm)	<0.1	
Noise of amplitude(rms,20Hz-20MHz)	<1%, <0.5%	<2%, <1%
M 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	
Pointing Stability(urad) (over 2 hours after warm-up and ±3°C)	<50	
Pointing Stability Over Temperature (urad/°C)	<20	
Polarization ratio	>50:1(>100:1 optional), Horizontal(Vertical optional)	
Beam height from base plate (mm)	68	
Cooled method	Water Cooled	
Operating temperature (°C)	10-35	
Power supply (100-240VAC)	PSU-W-LED	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional	
Expected lifetime (hours)	>10000	

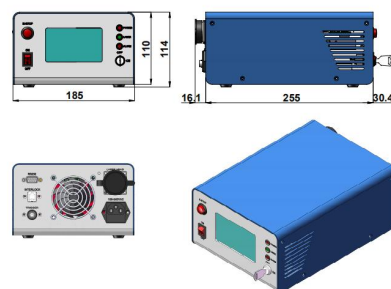


LASER HEAD (MLL-V-532-Water)



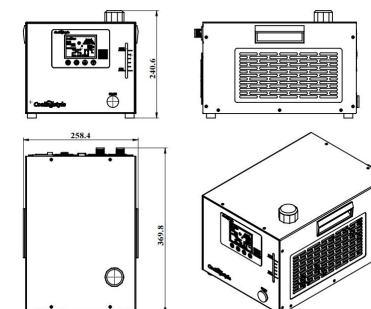
240 (L) × 110 (W) × 95 (H) mm³, 3.8 kg

POWER SUPPLY



301.5 (L) × 185 (W) × 114 (H) mm³, 3.0 kg

WATER CHILLER (WCH-580)



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

¹ Any power level can be selected in this range.

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