

MLL-FN-556/1~200mW



LOW NOISE LASER AT 556nm

All solid state low noise 556nm green laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, treatment, scientific experimental, medical instrument, etc

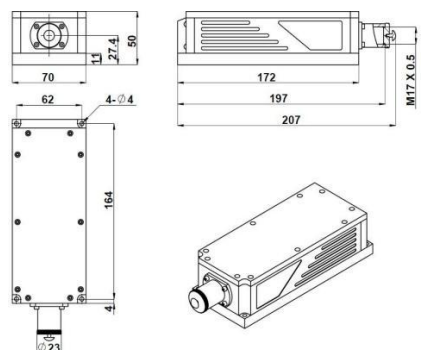

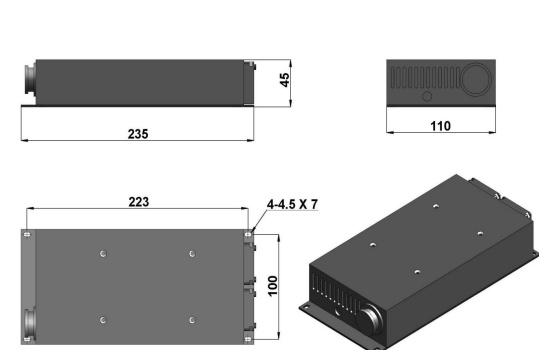


SPECIFICATIONS

Wavelength (nm)	556±1
Operating mode	CW
Output power (mW)	>1, 10, ... , 200
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	TEM ₀₀
Noise of amplitude (rms, 1Hz~20MHz)	<1%
M ² factor	<1.2
Beam diameter at the aperture (1/e ² , mm)	~2.0
Beam divergence, full angle (mrad)	<1.5
Beam height from base plate (mm)	27.4
Polarization ratio	>100:1 Vertical±5 degree (Horizontal, Optional)
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Max. Laser Head Base plate Temp (°C)	50
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LFDA / PSU-H-OEM
Expected lifetime (hours)	10000
Warranty	1 year



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MLL-FN-556	PSU-H-FDA	PSU-H-OEM
 <p>197(L) × 70(W) × 50(H) mm³, 1.5 kg</p>	 <p>276.6 (L) × 145(W) × 103.6 (H) mm³, 2.3 kg</p>	 <p>235(L) × 110(W) × 45(H) mm³, 1.1 kg</p>