

MLL-W-457/3000~10000mW

### LD PUMPED ALL-SOLID-STATE LOW NOISE BLUE LASER


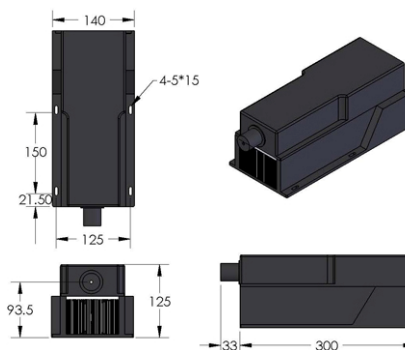

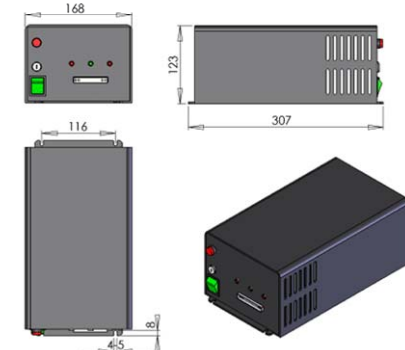
All solid state 457nm low noise laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in fluorescence sensors, Raman spectrum, holography, laser printing, interference, holography, laser printing, chip inspection, physics experiment, etc.



#### SPECIFICATIONS

Wavelength (nm)	457±1
Output power (mW)	>3000, 3500, 4000, ..., 10000
Transverse mode	Near TEM <sub>01</sub>
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
M <sup>2</sup> factor	3.0~6.0
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~4.0
Beam height from base plate (mm)	93.5
Polarization ratio	>100:1
Noise of amplitude (rms, 1~20MHz)	<3%
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-W-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



<p>MxL-W-457</p>  <p>333(L)×140(W)×125(H) mm<sup>3</sup>, 6.1 kg</p>	<p>Dimensions</p> 	<p>PSU-W-FDA</p>  <p>307 (L) ×168(W) ×123(H) mm<sup>3</sup>, 5.1 kg</p>	<p>Dimensions</p> 
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