

MGL-SF-582/1~100mW

**LD PUMPED ALL-SOLID-STATE  
YELLOW LASER**

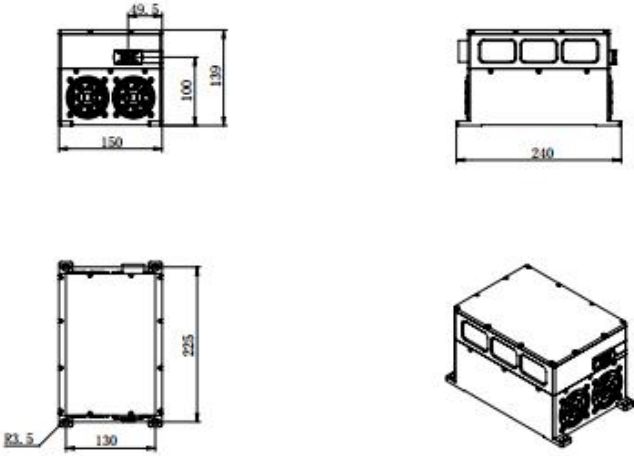
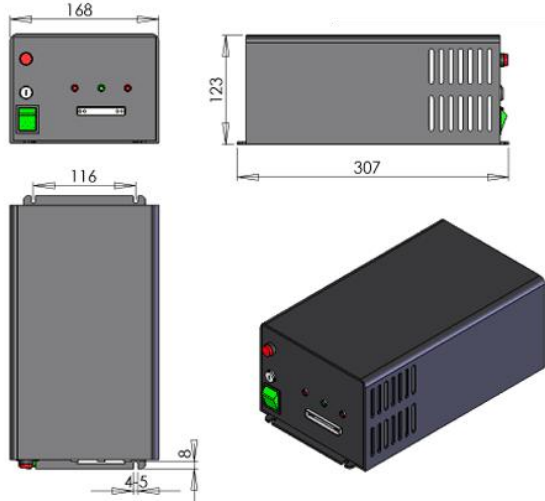
CNI's All solid state at 582nm blue laser features of ultra compact, long lifetime, low cost and easy operating, which is used in laser display, medical treatment, scientific research, etc.



**SPECIFICATIONS**

Wavelength (nm)	582±2
Operating mode	CW
Output power (mW)	>10, 20, ...,100
Power stability (rms, over 4 hours)	<3%, <5%
Transverse mode	Near TEM <sub>00</sub>
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~4
Polarization ratio	>100:1
Beam height from base plate (mm)	100
Warm-up time (minutes)	<10
Operating temperature (°C)	15~30
Power supply (90-264VAC)	PSU-W-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MBL-SF-582	PSU-W-FDA
 <p>240(L)×150(W)×139(H) mm<sup>3</sup>, 7.5kg</p>	 <p>307 (L)×168(W)×123(H) mm<sup>3</sup>, 4.5kg</p>