



Your source for high quality, affordable lasers

Model: MBL-SF-430 / 1~100mW


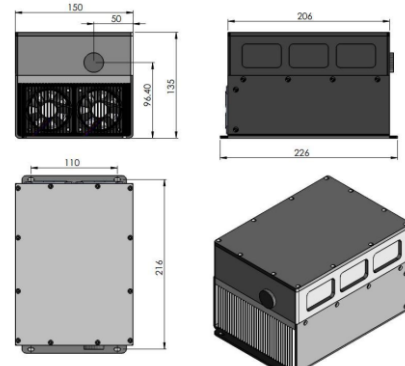

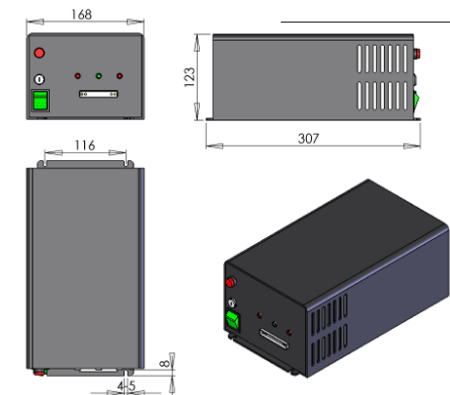
DATA SHEET

LD PUMPED ALL-SOLID-STATE BLUE LASER

All solid state 430nm blue laser is made features of ultra- compact, long lifetime, low cost and easy operating, which is used in laser display, medical treatment, scientific research, etc.



Wavelength (nm)	430 ± 2nm
Operating mode	CW
Output power (mW)	>10, 20, 50, ..., 100
Power stability (rms, over 4 hours)	<3%, <5%, optional
Transverse mode	Near TEM ₀₀
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~5.0
Polarization ratio	>100:1
Beam height from base plate (mm)	96.4
Warm-up time (minutes)	<10
Operating temperature (°C)	10~35
Power supply (90~264VAC)	PSU-W-FDA
Expected lifetime (hours)	10,000
Warranty period	1 year

Model: MBL-SF-430	Laser Head Dimensions	PSU-W-FDA	Power Supply Dimensions
	 <p>266(L)×150(W)×135(H) mm³, 7.5kg</p>		 <p>307(L)×168(W)×123(H) mm³, 4.5kg</p>