



Your source for high quality, affordable lasers

Model: **MLL-H-808/3000~6000mW**


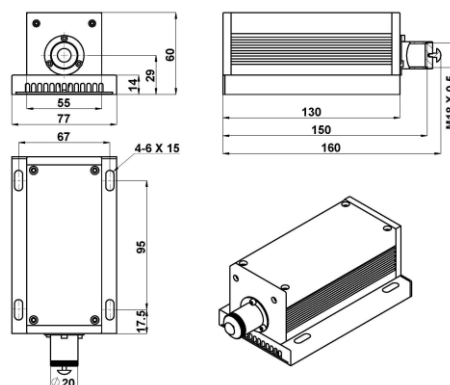
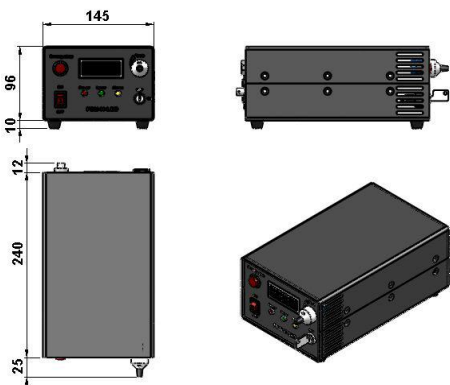
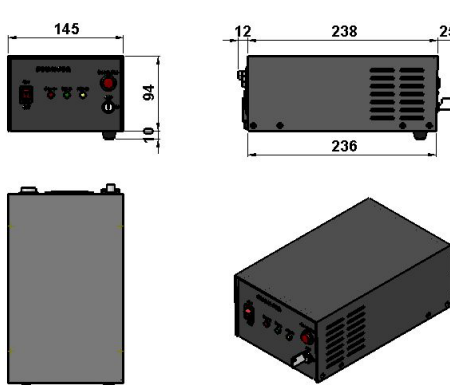
## DATA SHEET

### LOW NOISE INFRARED DIODE LASER AT 808nm

Low noise diode infrared laser module at 808nm is made features of ultra-compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.

Wavelength ( nm )	808 ± 3	
Output power ( mW )	>3000, 3500, ..., 6000	
Transverse mode	Multimode	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Noise of amplitude (rms, 1~20MHz)	<1%	
Warm-up time (minutes)	<5	
M <sup>2</sup> factor	<20	
Beam divergence, full angle (mrad)	<3.0	
Beam diameter at the aperture (mm)	5~8	
Beam height from base plate (mm)	29	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10,000	
Warranty period	1 year	



MxL-H-808	MxL-H-808 Dimensions	PSU-H-LED	PSU-H-FDA
	 <p>152.5(L) × 77(W) × 60(H) mm<sup>3</sup>, 0.9kg</p>	 <p>268 (L) × 145(W) × 106 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>238 (L) × 146(W) × 102 (H) mm<sup>3</sup>, 2.3kg</p>