

MDL-F-460/462/465/1~2W



**BLUE DIODE LASER  
AT 460/462/465nm**

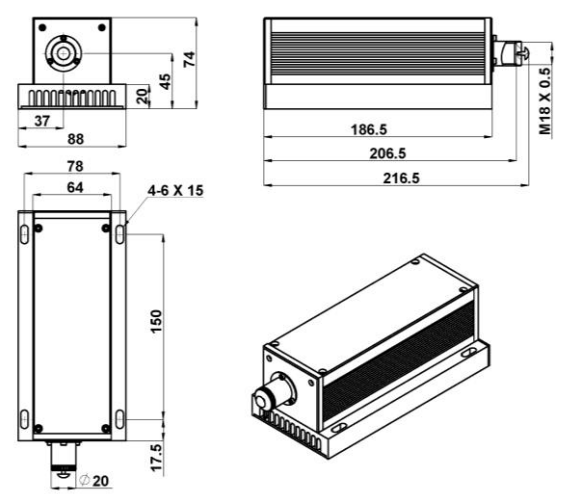
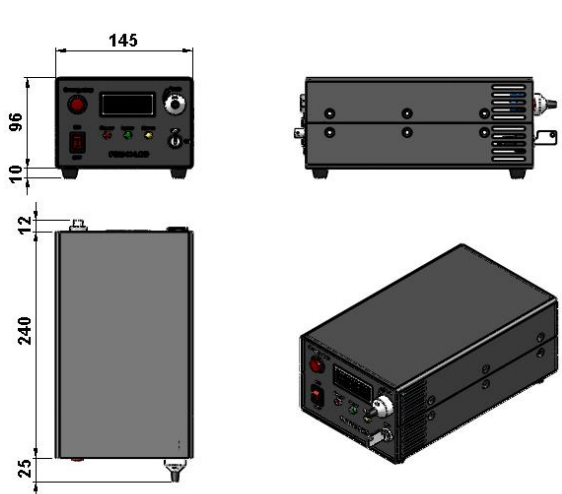
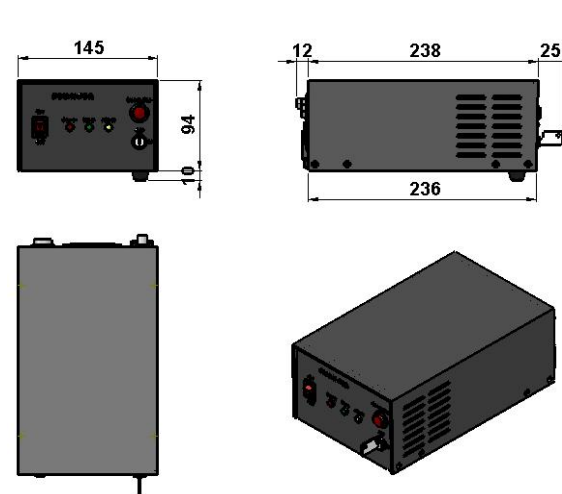
Diode laser module at 460/462/465nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific research, ect.



SPECIFICATIONS

Model	MDL-F-460	MDL-F-462	MDL-F-465
Central wavelength (nm)	460±5	462±5	465±5
Operating mode	CW		
Output power (mW)	>1000, 1100, 1200, ...,2000		
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)		
Transverse mode	Multimode		
Beam diameter at the aperture ((1/e <sup>2</sup> ),mm)	~2.7×2.7		
Beam divergence, full angle (mrad)	1.4×0.2		
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)		
Warm-up time (minutes)	<5		
Beam height from base plate (mm)	45		
Operating temperature (°C)	10~35		
Power supply (100-240VAC)	PSU-H-LED/ PSU-H-FDA		
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional		
Expected lifetime (hours)	10000		
Warranty	1 year		



MDL-F-460/462/465	PSU-H-LED	PSU-H-FDA
 <p>216.5 (L) ×88(W) ×74 (H) mm<sup>3</sup>, 1.4kg</p>	 <p>277 (L) ×145(W) ×106(H) mm<sup>3</sup>, 2.3kg</p>	 <p>275 (L) ×145(W) ×104(H) mm<sup>3</sup>, 2.1kg</p>