

MDL-F-460/462/465/800~1500mW



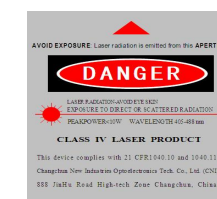
**BLUE DIODE LASER
AT 460/462/465nm**

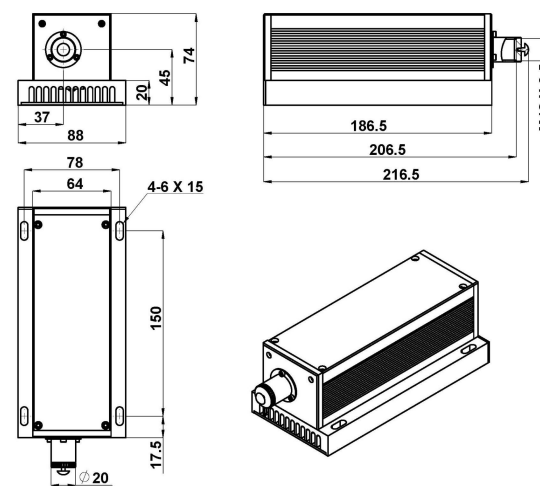
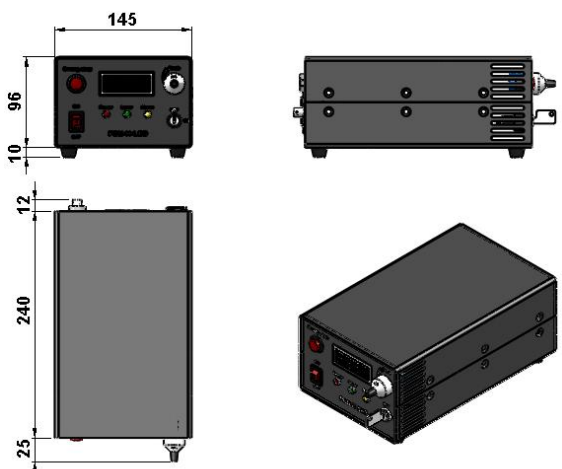
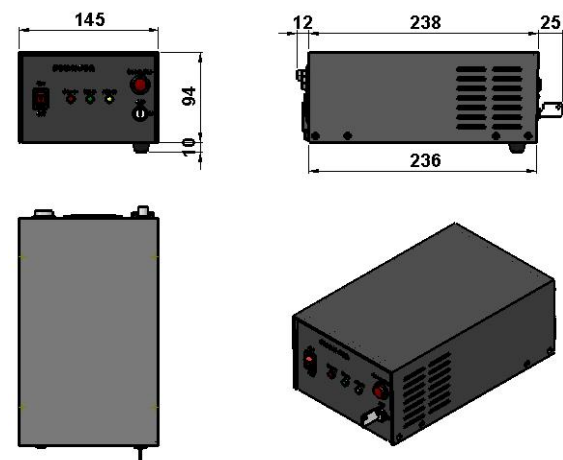
Diode laser module at 460/462/465nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific research, ect.



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)	>800, 1000, ..., 1500		
Power stability (rms, over 4 hours)	<3%, <2%, <1%, <0.5%		
Transverse mode	Multimode		
Beam diameter at the aperture ((1/e ²),mm)	~3.0×3.5		
Beam divergence, full angle (mrad)	~2.5×0.5		
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		
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional		
Expected lifetime (hours)	10000		
Warranty	1 year		



MDL-F-460/462/465	PSU-H-LED	PSU-H-FDA
 216.5 (L) × 88 (W) × 74 (H) mm³, 1.4kg	 277 (L) × 145 (W) × 106 (H) mm³, 2.3kg	 275 (L) × 145 (W) × 104 (H) mm³, 2.1kg

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