

MDL-H-440/1000~2000mW

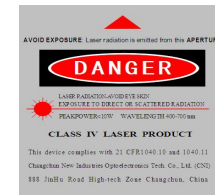
SPECIFICATIONS

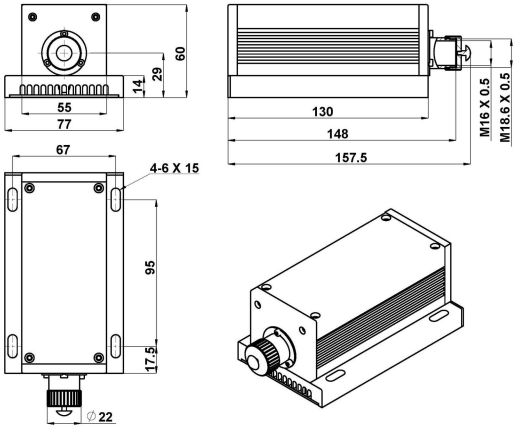
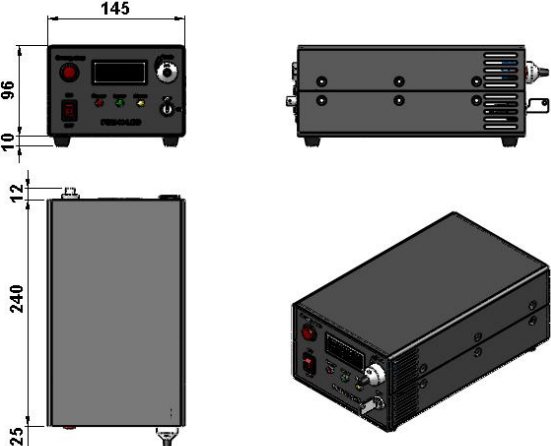
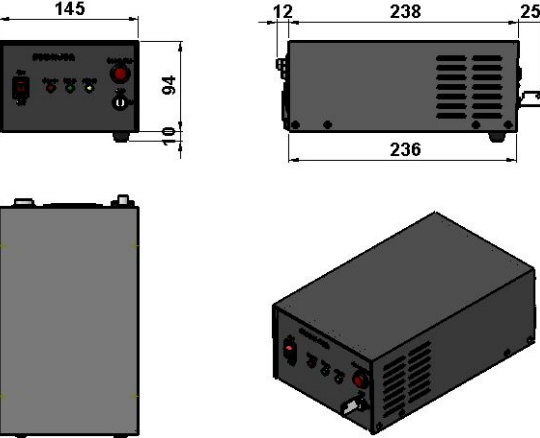
**BLUE DIODE LASER
AT 440 nm**

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in scientific research, laser pointing, measurement, communication, spectrum analysis, etc.



Central wavelength (nm)	440±5
Operating mode	CW
Output power (mW)	>1000, 1100, ... , 2000
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)
Transverse mode	Multimode
Beam diameter at the aperture ((1/e ²),mm)	~2.7×2.7
Beam divergence, full angle (mrad)	1.4×0.2
Warm-up time (minutes)	<5
Beam height from base plate (mm)	29
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-H-440	PSU-H-LED	PSU-H-FDA
 <p>157.5 (L) × 77 (W) × 60 (H) mm³, 0.9kg</p>	 <p>277 (L) × 145 (W) × 106 (H) mm³, 2.3kg</p>	 <p>275 (L) × 145 (W) × 104 (H) mm³, 2.1kg</p>