

MDL-III-465/1~800mW



**BLUE DIODE LASER
AT 465nm**

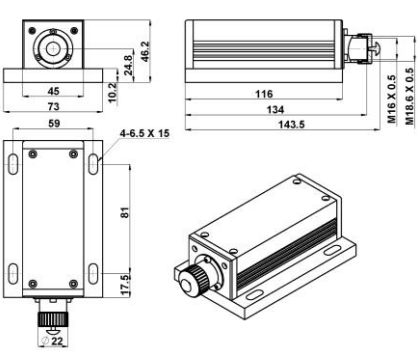
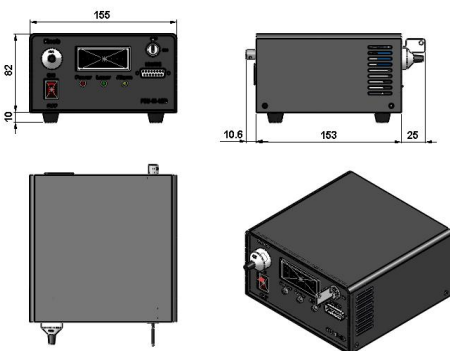
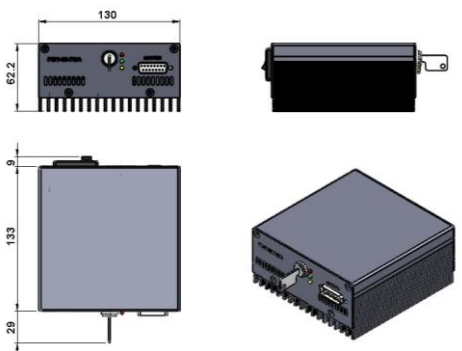
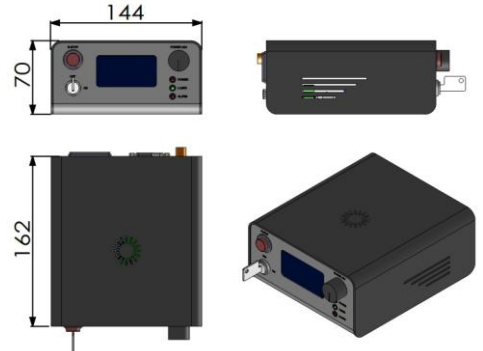
Blue diode laser module at 465nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in laser projection, stage lighting, biomedical applications, metrology, etc.



SPECIFICATIONS

Wavelength (nm)		465±5
Operating mode		CW
Output power (mW)		>1,100,...,500 >500,600,...,800
Power stability (rms, over 4 hours)		<1%, <3%, <5%
Transverse mode		Multimode
Beam diameter at the aperture ((1/e ²),mm)		<2.5×5.2 <2×5
Beam divergence, full angle (mrad)		<2.1×1.6 <2.5×0.2
Warm-up time (minutes)		<5
Beam height from base plate (mm)		24.8
Operating temperature (°C)		10~35
Power supply	85-264VAC	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz)
	100-240VAC	PSU-A-D (Frequency for 30kHz -100kHz)
TTL / Analog modulation		TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional
Expected lifetime (hours)		10000
Warranty		1 year



MxL-III-465	PSU-III-LED	PSU-III-FDA	PSU-A-D
 <p>143.5(L)×73(W)×46.2(H) mm³, 0.7kg</p>	 <p>188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg</p>	 <p>171(L) ×130(W) ×62.2 (H) mm³, 1.2kg</p>	 <p>162(L) ×144(W) ×70 (H) mm³, 1.0kg</p>