

MLL-III-470/1~800mW



LOW NOISE BLUE DIODE LASER AT 470nm

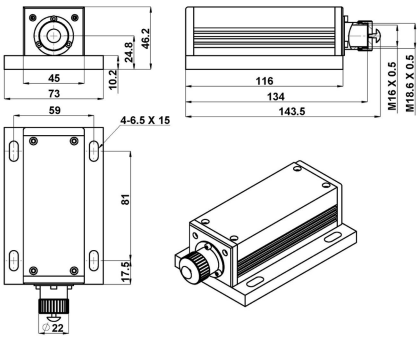
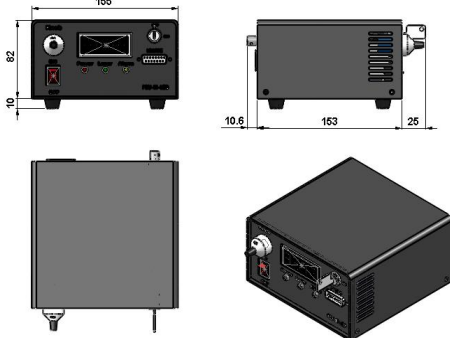
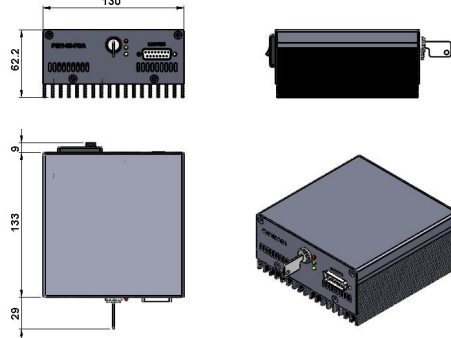
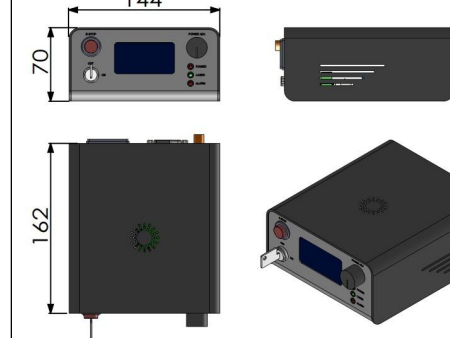
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in laser projection, stage lighting, biomedical applications, metrology, etc.



SPECIFICATIONS

Central wavelength (nm)	470±10
Operating mode	CW
Output power (mW)	>1,100,200,...,800
Power stability (rms, over 4 hours)	<3%, <2%, <1%, <0.5%
Transverse mode	Multimode
Noise of amplitude (rms, 1Hz~20MHz)	<1%
Beam diameter at the aperture ((1/e ²),mm)	~1.5×3.0
Beam divergence, full angle (mrad)	<2.5×0.5
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)
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz; and Analog modulation optional
Expected lifetime (hours)	10000
Warranty	1 year



MLL-III-470	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>