

F-454-HS/1-2000mW



**BLUE DIODE LASER
AT 454nm**

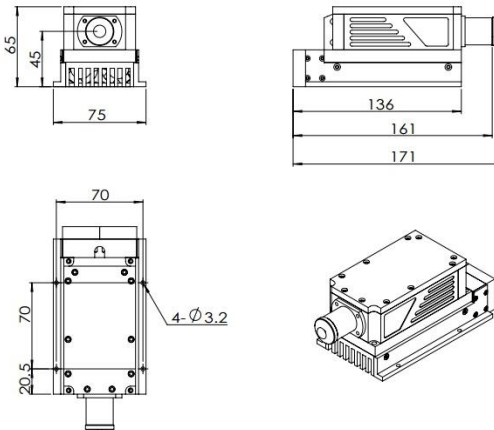
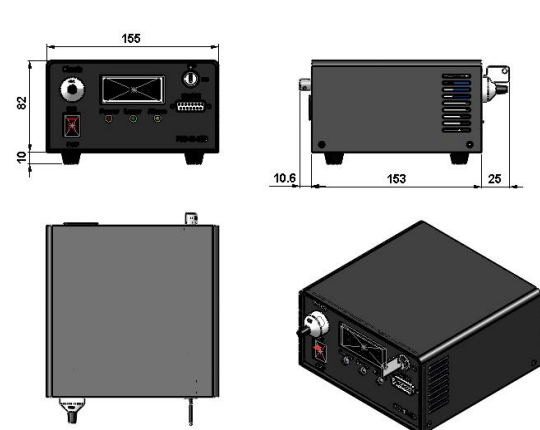
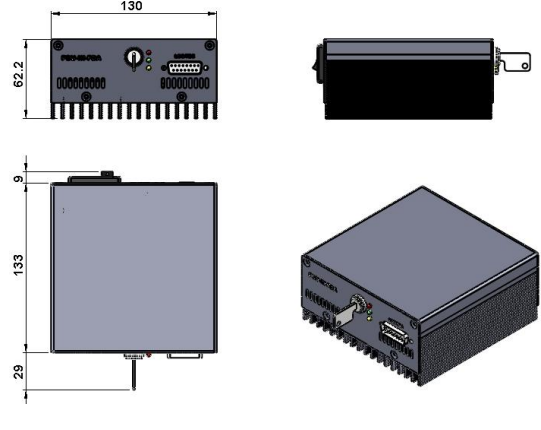
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in scientific research, laser pointing, show and RGB mixed laser systems applications.



SPECIFICATIONS

Central wavelength (nm)	454±5
Operating mode	CW
Output power (mW)	>1, 100, 200, ...,2000
Power stability (rms, over 4 hours)	<3%, <2%, <1%, <0.5%
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)	45
Operating temperature (°C)	10-35
Power supply (85-264VAC)	PSU-III-LED/ PSU-III-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



F-454-HS	PSU-III-LED	PSU-III-FDA
 <p>171 (L) × 75(W) × 65 (H) mm³, 1.0kg</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>