

MLL-III-1430/1~500mW



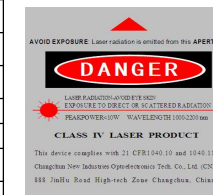
LOW NOISE INFRARED DIODE LASER AT 1430nm

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

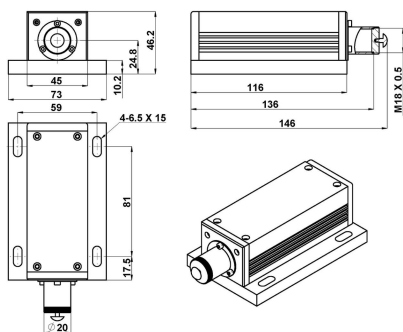


SPECIFICATIONS

Wavelength (nm)	1430±10
Operating mode	CW
Output power (mW)	>1, 100, 200, ..., 500
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	Multimode
Noise of amplitude(rms,20Hz~20MHz)	<1%
Dimensions of beam at the aperture (mm)	~5×8
Beam divergence, full angle (mrad)	<3. 0
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

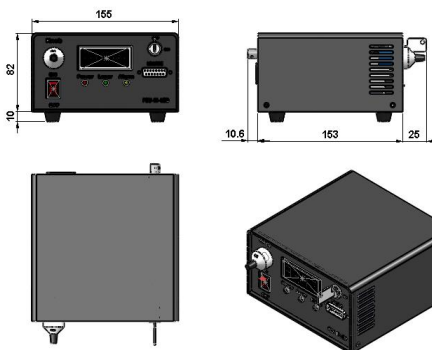


MLL-III-1430



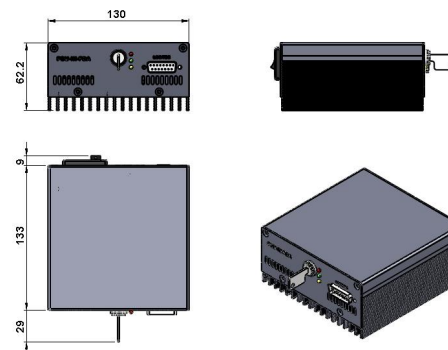
146 (L) ×73(W) ×46.2 (H) mm³, 0.7kg

PSU-III-LED



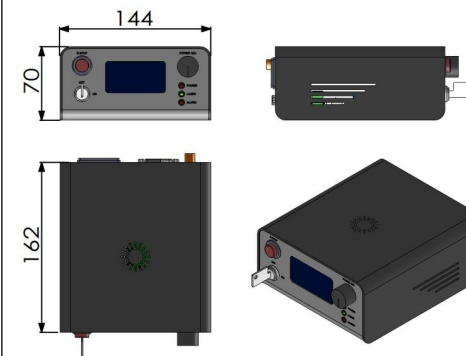
188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg

PSU-III-FDA



171(L) ×130(W) ×62.2 (H) mm³, 1.2kg

PSU-A-D



162(L) ×144(W) ×70 (H) mm³, 1.0kg