



MDL-III-P-1550/1~15mW



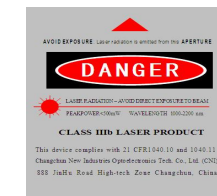
INFRARED DIODE LASER
AT 1550nm

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

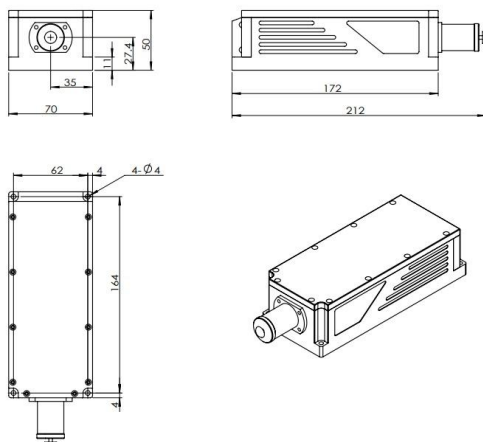


SPECIFICATIONS

Central wavelength (nm)	1550±10
Operating mode	Modulation (Pulse)
Output power (mW)	>1, 2, 3,..., 15
Transverse mode	Multimode
Dimensions of beam at the aperture (1/e ² ,mm)	~3. 5
Beam divergence, full angle (mrad)	<16
Single pulse energy (μJ)	~2.3 (@6kHz)
Pulse duration (ns)	~150 (@6kHz)
Peak power (W)	~15.3 (@6kHz)
Rep. rate (kHz)	1~6
Warm-up time (minutes)	<5
Beam height from base plate (mm)	27.4
Operating temperature (°C)	10~35
Power supply (100-240VAC)	PSU-A-D
Expected lifetime (hours)	10000
Warranty	1 year

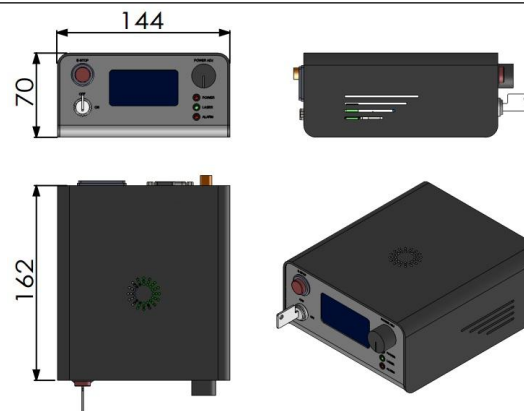


MDL-III-P-1550



212(L)×70(W)×50(H) mm³, 1.2kg

PSU-A-D



162(L)×144(W)×70(H) mm³, 1.0kg