



FPYL-355-XXT

Ultra Violet CW DPSS Laser

Specifications

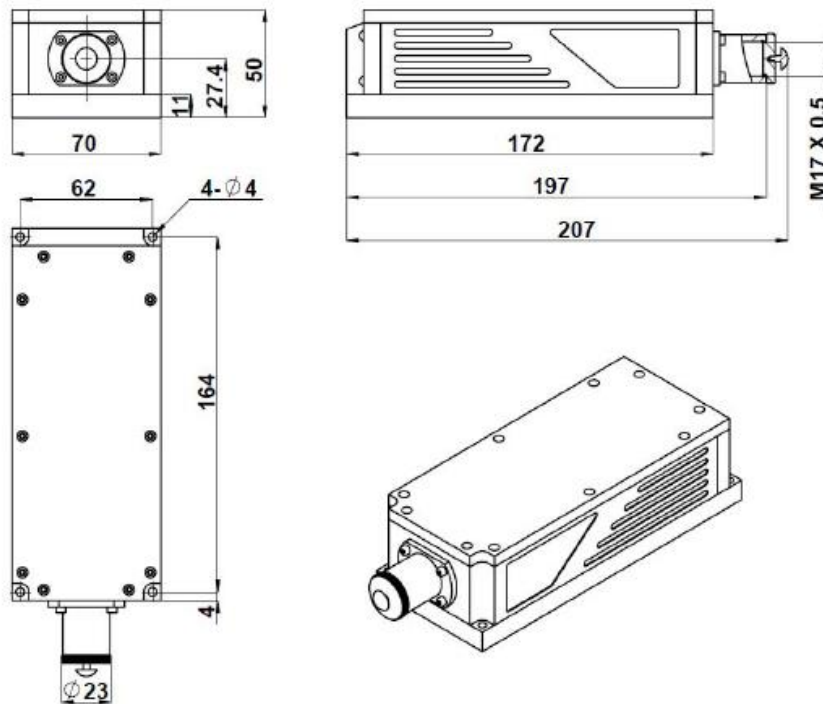
Wavelength (nm)	355±1
Output Power (mW)	1-30*
Transverse Mode	Near TEM ₀₀
Operating Mode	CW
Power Stability (RMS, over 4 hours)	<5%, <10%*
Warm-up Time (minutes)	<10
M ² Factor	<1.5
Beam Diameter at the Aperture (1/e ² , mm)	<1.2
Beam Divergence (FW) (mrad)	<1.5
Pointing Stability after warm-up (mrad)	<0.05
Polarization Ratio	> 50:1
Beam Height from Base Plate (mm)	27.4
Modulation (optional)	TTL / Analog* (1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz)**
Operating Temperature (°C)	10 - 35

* To be specified

** Specify the frequency range with highest average power

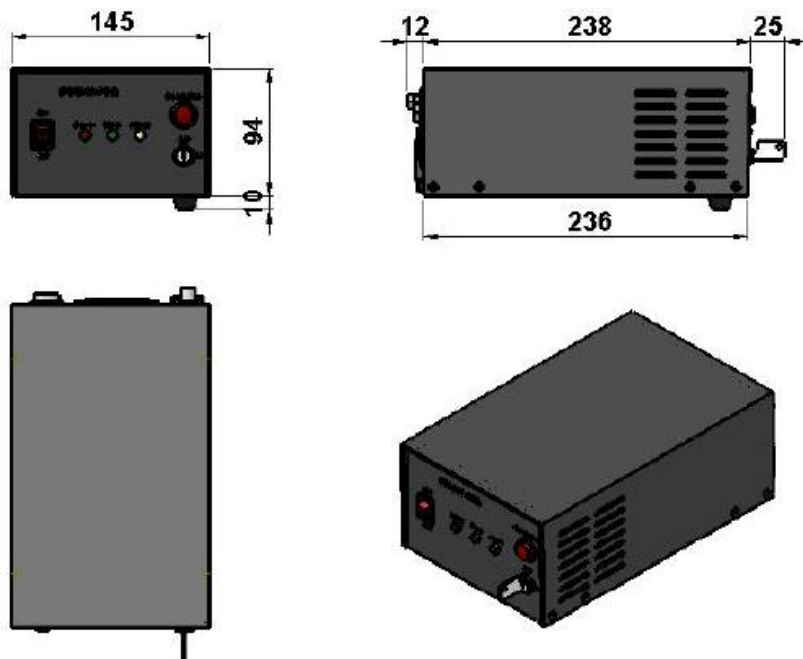
Note: The laser head has to be used on a heat sink with good heat dissipation.

Laser Head Drawing



197(L)×70(W)×50(H) mm³, 1.5 kg

Power Supply Drawing



275(L) ×145(W) ×104(H) mm³, 2.3 kg