FPYL-473-XXXT

Blue DPSS Laser

Specifications

Wavelength (nm)	473±1
Output Power (mW)	1 - 150*
Operating Mode	CW
Transverse Mode	TEM_{00}
Power Stability (RMS, over 4 hours)	<1%, <2%, <3%*
Warm-up Time (minutes)	<10
M^2 Factor	<1.2
Beam Divergence (full angle) (mrad)	<1.5
Beam Diameter at the Aperture (mm)	~2.0
Pointing Stability after Warm-up (mrad)	<0.05
Beam Height from Base Plate (mm)	27.4
Polarisation Ratio	>100:1 (vertical) (horizontal optional)
Modulation	TTL / Analog up to 30KHz (optional)
Operating Temperature (°C)	10 - 35
Expected Lifetime (hours)	10000

* To be specified

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

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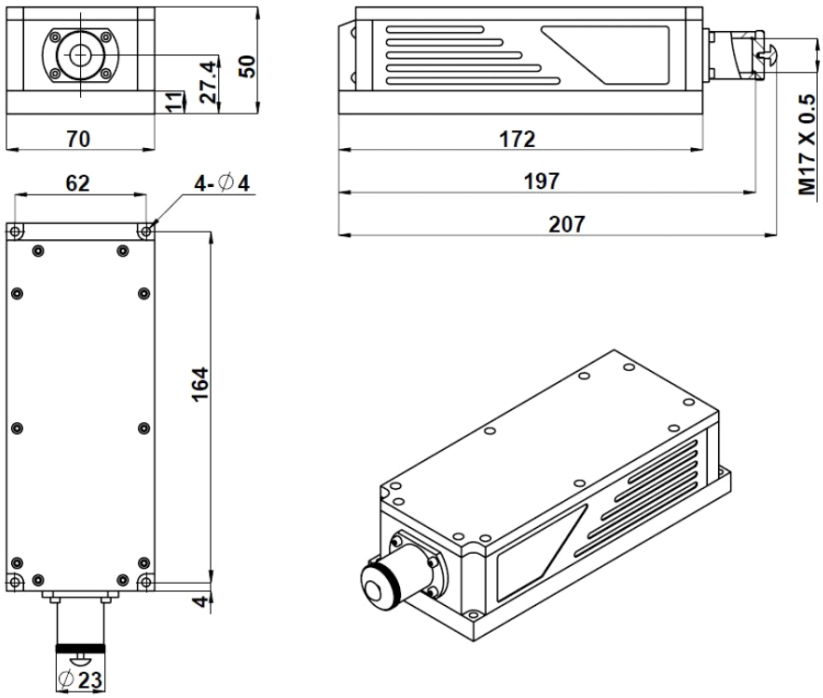
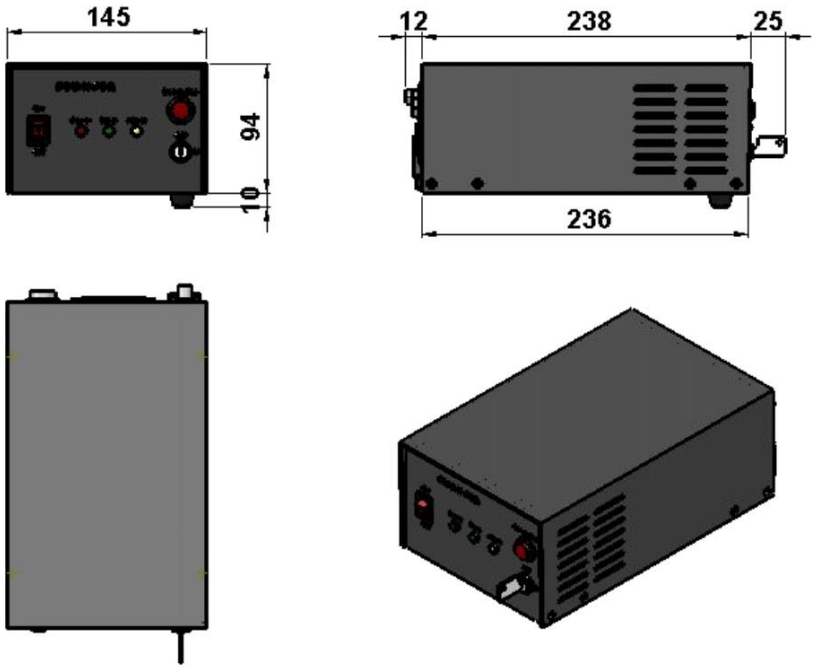
Laser Head Drawing



197(L)×70(W)×50(H) mm^3, 2.0 kg

Power Supply Drawing



236(L) ×145(W) ×104(H) mm^3, 2.3 kg

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