MGL-FN-577/1~1200mW



LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 577nm

All solid state 577 nm yellow laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.

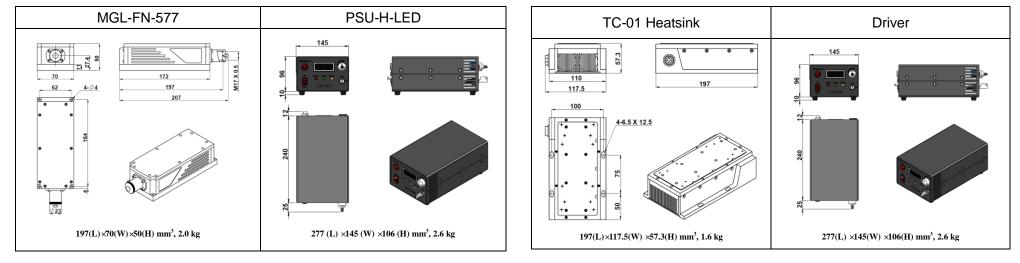


SPECIFICATIONS 577 ±2 Wavelength (nm) CW Operating mode 500, 600, 700, ..., 1200 Output power (mW) >1, 5, 10, 20, ..., 500 <1%, <2%, <3%, <5% <2%, <3%, <5% Power stability (rms, over 4 hours) Near TEM₀₀ Transverse mode TEM_{00} M² factor <1.5 <3.0 <2.5 ~3.5 Beam diameter at the aperture $(1/e^2, mm)$ Beam divergence, full angle (mrad) <1.5 27.4 Beam height from base plate (mm) Polarization ratio >100:1 Horizontal ±5 degree (Vertical Optional) Warm-up time (minutes) <10 Pointing stability after warm-up (mrad) < 0.05 Operating temperature (°C) 10~35 Power supply (90-264VAC) PSU-H-LED Modulation option TTL on/off, 1Hz-1KHz, 1KHz-10KHz; and Analog modulation option Expected lifetime (hours) 10000 Warranty 1 year





Note: The system include the laser and the heatsink.



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