Specification Sheet

Ultralasers, Inc

MGL-F-594/1~100mW



LD PUMPED ALL-SOLID-STATE LASER AT 594nm

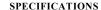
All solid state 594nm laser is made features of high output power stability, good beam profile, ultra compact, longlifetime, low cost and easy operating, whichis widely used in collimation, treatment, scientific experimental, medical instrument, etc





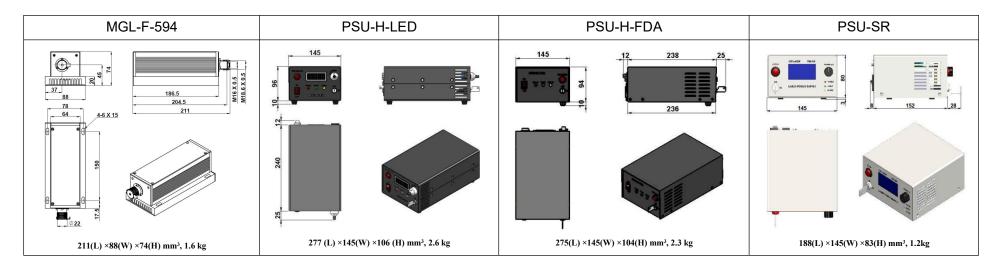






Wavelength (nm)	594±1
Operating mode	CW
Output power (mW)	1 - 100
Power stability (rms, over 4 hours)	<5%, <3%, <2%
Transverse mode	TEM_{00}
M ² factor	<1.5
Beam diameter at the aperture (1/e², mm)	<2.5
Beam divergence, full angle (mrad)	<2.0
Beam height from base plate (mm)	45
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty	1 year

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



website: www.ultralasers.com Email: sales@ultralasers.com Tel: +1-647-800-0936 Fax: +1-647-340-7118