

MLL-F-577/100~300mW



LD PUMPED ALL-SOLID-STATE LOW NOISE LASER AT 577NM

All solid state 577nm low noise laser is made features of ultra-compact, long lifetime, high stability and reliability, which is used in scientific experiment, medical measurement, instrument, spectrum analysis, etc.









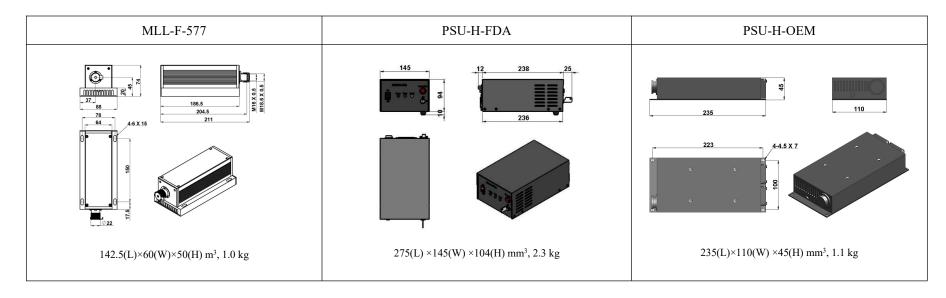
SPECIFICATIONS

| Wavelength (nm) | 577±2 | |
|--|---|---------------|
| Operating mode | CW | |
| Output power (mW) | 100 - 200 | 200 - 300 |
| Power stability (rms, over 4 hours) | <3%, <2%, <1% | <5%, <3%, <2% |
| Transverse mode | TEM_{00} | |
| Noise of amplitude (rms, 1Hz~20MHz) | <1% | |
| Spectral linewidth (nm) | <0.2 | |
| M ² factor | <1.2 | |
| Beam diameter at the aperture (1/e², mm) | ~3.0 | |
| Beam divergence, full angle (mrad) | <1.5 | |
| Polarization ratio | >100:1 (Vertical or Horizontal, Optional) | |
| Warm-up time (minutes) | <5 | |
| Pointing stability after warm-up (mrad) | <0.05 | |
| Beam height from base plate (mm) | 45 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | PSU-H-FDA/PSU-H-OEM | |
| 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