

Your source for high quality, affordable lasers

DATA SHEET

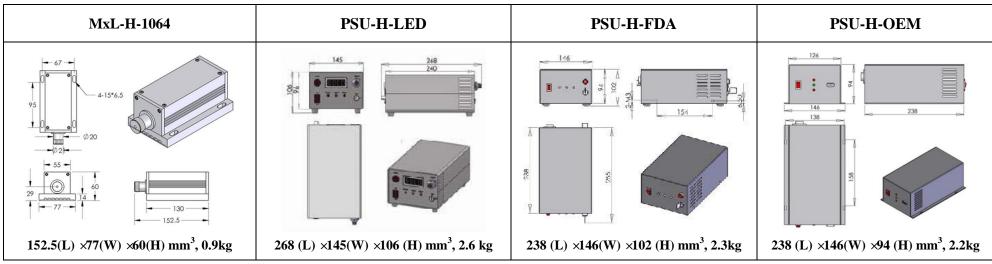
LOW NOISE INFRAFED LASER AT 1064nm

All solid state low noise infrared lasers at 1064nm is made features of ultra-compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.



Model: MLL-H-1064/2000~3000mW

| Wavelength (nm) | 1064 ±1 |
|---|-------------------------------|
| Output Power (mW) | >2000, 3000 |
| Transverse Mode | Near TEM ₀₀ |
| Operating Mode | CW |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% |
| Noise of amplitude(rms, 20Hz~20MHz) | <1% |
| Warm-up time (minutes) | <10 |
| M ² factor | <2.0 |
| Beam divergence, full angle (mrad) | <2.0 |
| Beam diameter at the aperture (mm) | ~3.0 |
| Beam height from base plate (mm) | 29 |
| Polarization ratio | >100:1 |
| Pointing stability after warm-up (mrad) | <0.05 |
| Operating temperature (°C) | 10~35 |
| Power supply (90-264VAC) | PSU-H-LED PSU-H-FDA PSU-H-OEM |
| Expected lifetime (hours) | 10,000 |
| Warranty period | 1 year |



http://www.ultralasers.com