

Opto Engine LLC

Data sheet

Rev. 1609

MGL-N-561/200~1000mW



LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 561nm

All solid state 561 nm yellow green laser is made features of ultra compact, long lifetime and easy operating, which is widely used in laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

| | | |
|--|--|-----------|
| Wavelength (nm) | 561 ± 1 | |
| Operating mode | CW | |
| Output power (mW) | >200, 300, 400, ..., 1000 | |
| Power stability (rms, over 4 hours) | <3%, <5%, <10% | |
| Transverse mode | Near TEM ₀₀ | |
| M ² factor | <3.0 | |
| Beam divergence, full angle (mrad) | <1.5 | |
| Beam diameter at the aperture (1/e ² ,mm) | ~4.0 | |
| Warm-up time (minutes) | <10 | |
| Polarization ratio | >100:1 | |
| Beam height from base plate (mm) | 68.5 | |
| Operating temperature (°C) | 20~30 | |
| Power supply (90-264VAC) | PSU-H-LED | PSU-H-FDA |
| TTL / Analog modulation | TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional | |
| Expected lifetime (hours) | 10000 | |
| Warranty period | 1 year | |



| MxL-N-561 | PSU-H-LED | PSU-H-FDA |
|--|--|--|
| <p>245(L)×99(W)×94(H) mm³, 2.6 kg</p> | <p>307 (L) ×150(W) ×106 (H) mm³, 2.9 kg</p> | <p>307 (L) ×150(W) ×106 (H) mm³, 2.9 kg</p> |