

MGL-W-593.5/400~800mW



LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 593.5nm

All solid state 593.5nm yellow laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

| | | |
|--|---|-----------|
| Wavelength (nm) | 593.5 ± 1 | |
| Operating mode | CW | |
| Output power (mW) | >400, 450, 500, ..., 800 | |
| Power stability (rms, over 4 hours) | <3%, <5% | |
| Transverse mode | Near TEM ₀₀ | |
| M ² factor | 3~6 | |
| Beam divergence, full angle (mrad) | <2.0 | |
| 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) | 93.5 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | PSU-W-LED | PSU-W-FDA |
| TTL / Analog modulation | TTL or Analog with 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz optional | |
| Expected lifetime (hours) | 10000 | |
| Warranty period | 1 year | |



| MxL-W-593.5 | PSU-W-LED | PSU-W-FDA |
|---|---|---|
| <p>346 (L) × 140 (W) × 125 (H) mm³, 5.7 kg</p> | <p>336 (L) × 168 (W) × 133 (H) mm³, 4.6 kg</p> | <p>307 (L) × 168 (W) × 123 (H) mm³, 4.5 kg</p> |