

Opto Engine LLC

Data sheet

Rev. 0912

MRL-W-660/1000~2000mW

LD PUMPED ALL-SOLID-STATE RED LASER AT 660 nm

All solid state 660 nm red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

| | | |
|-------------------------------------|---|-----------|
| Wavelength (nm) | 660±2 | |
| Output power (mW) | >1000, 1100, 1200, ..., 2000 | |
| Transverse mode | Near TEM ₀₀ | |
| Operating mode | CW | |
| Power stability (rms, over 4 hours) | <3%, <5%, <10% | |
| Warm-up time (minutes) | <10 | |
| M ² factor | <2.5 | |
| Beam divergence, full angle (mrad) | 3.0~6.0 | |
| Beam diameter at the aperture (mm) | ~4.0 | |
| Beam height from base plate (mm) | 93.5 | |
| Polarization ratio | >100:1 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | PSU-W-LED | PSU-W-FDA |
| TTL modulation/ Analog modulation | Optional, 2kHz or higher (others on request, up to 10kHz) | |
| Expected lifetime (hours) | 10000 | |
| Warranty period | 1 year | |



| MxL-W-660 | PSU-W-LED | PSU-W-FDA |
|--|---|---|
| <p>333(L)×140(W)×125(H) mm³, 6.1 kg</p> | <p>300 (L) ×162(W) ×134(H) mm³, 5.2 kg</p> | <p>307 (L) ×168(W) ×123(H) mm³, 5.1 kg</p> |
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