



MRL-III-660/1~100mW



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

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



SPECIFICATIONS

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|---|---|
| Wavelength (nm) | 660±1 |
| Output power (mW) | >1, 5, 10, 20, ... , 100 |
| Power stability (rms, over 4 hours) | <3%, <5%, <10% |
| Transverse mode | Near TEM ₀₀ |
| Operating mode | CW |
| Warm-up time (minutes) | <10 |
| M ² factor | <1.2 |
| Beam divergence, full angle (mrad) | <1.5 |
| Beam diameter at 1/e ² (mm) | ~1.2 |
| Beam height from base plate (mm) | 24.8 |
| Polarization ratio | >100:1 (0 or 90 degree) |
| Pointing stability after warm-up (mrad) | <0.05 |
| Operating temperature (°C) | 10~35 |
| Power supply (90-264VAC or 5VDC) | PSU-III-LED PSU-III-FDA PSU-III-OEM |
| Modulation option | TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



| MRL-III-660 | PSU-III-LED | PSU-III-FDA | PSU-III-OEM-97 |
|--|--|--|---|
| <p>140.5 (L) × 73 (W) × 46.2 (H) mm³, 0.6kg</p> | <p>153 (L) × 155(W) × 92 (H) mm³, 1.5kg</p> | <p>133 (L) × 130(W) × 62.2 (H) mm³, 1.2kg</p> | <p>94(L) × 75(W) × 49(H) mm³, 0.23kg</p> |