

MRL-III -637 /1~200mW

**RED DIODE LASER
At 637nm**

Diode red laser at 637nm is made features of round spot, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

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|-----------------------------------------|-----------------------------------------------------------|
| Wavelength (nm) | 637 ± 5 |
| Output power (mW) | >1, 10, 20, ... , 200 |
| Transverse mode | Near TEM ₀₀ |
| Operating mode | CW |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% |
| Warm-up time (minutes) | <5 |
| Beam divergence, full angle (mrad) | <1.0 |
| Dimensions of beam at the aperture (mm) | ~3. 0 |
| Beam height from base plate (mm) | 24.8 |
| Operating temperature (°C) | 10~35 |
| Power supply (90-264VAC or 5VDC) | PSU-III-FDA |
| Modulation option | TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



| MxL-III -637 | PSU-III-LED | PSU-III-FDA |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>139(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) ×65 (H) mm³, 1.2kg</p> |
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