

MRL-III-655/1~1000mW

RED DIODE LASER At 655nm

Red diode laser module at 655nm 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) | 655±10 | |
| Operating mode | CW | |
| Output power (mW) | >1, 100, 200, ... , 1000 | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | |
| Transverse mode | Multimode | |
| Beam diameter at the aperture (mm) | ~5×8 | |
| Beam divergence, full angle (mrad) | <2.5 | |
| Warm-up time (minutes) | <5 | |
| Beam height from base plate (mm) | 24. 8 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (85-264VAC) | PSU-III-LED | PSU-III-FDA |
| TTL / Analog modulation | TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional | |
| Expected lifetime (hours) | 10000 | |
| Warranty | 1 year | |



| MxL-III-655 | PSU-III-LED | PSU-III-FDA |
|---|--|---|
| <p>146 (L) ×73(W) ×46.2 (H) mm³, 0.7kg</p> | <p>188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg</p> | <p>171(L) ×130(W) ×62.2 (H) mm³, 1.2kg</p> |