



MRL-III -655R /1~200mW

**RED DIODE LASER
At 655nm**




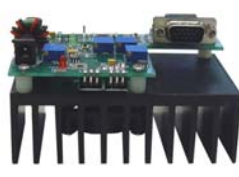
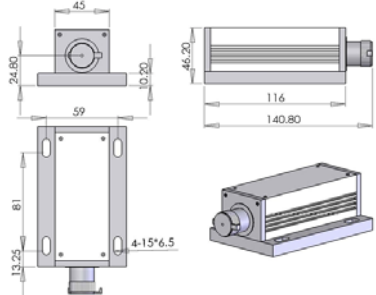
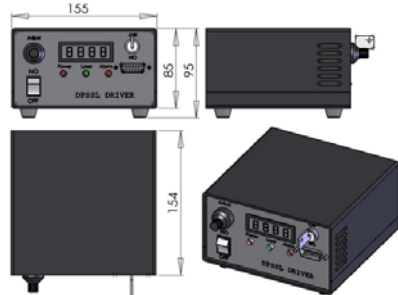
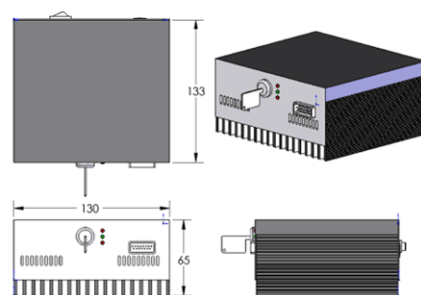
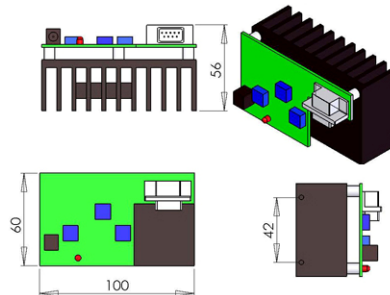
Diode red laser 655nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

| | | | |
|---|---|-------------|-------------|
| Wavelength (nm) | 655 ± 10 | | |
| Output power (mW) | >1, 10, 30, ... , 200 | | |
| Energy distribution | Even | | |
| Beam Spot | Round | | |
| Operating mode | CW | | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | | |
| Warm-up time (minutes) | <5 | | |
| Beam divergence, full angle (mrad) | <8.0 | | |
| Dimensions of beam at the aperture (mm) | ~2.0 | | |
| Beam height from base plate (mm) | 24.8 | | |
| 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/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off | | |
| Expected lifetime (hours) | 10000 | | |
| Warranty | 1 year | | |



| MxL-III -655 | PSU-III-LED | PSU-III-FDA | PSU-III-OEM |
|--|--|---|--|
|  140.8(L)×73(W)×46.2(H) mm ³ , 0.6kg |  154 (L) ×155(W) ×95 (H) mm ³ , 1.5kg |  133 (L) ×130(W) ×65 (H) mm ³ , 1.2kg |  100 (L) ×60(W) ×56 (H) mm ³ , 0.2kg |
|  |  |  |  |