

MRL-III -690R/1~200mW

### SPECIFICATIONS




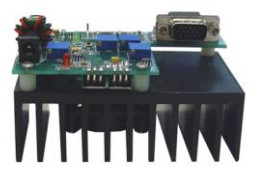
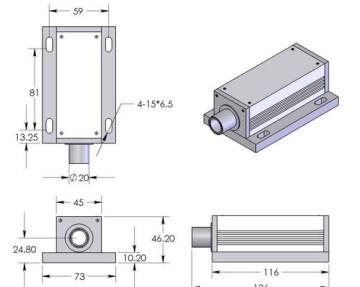
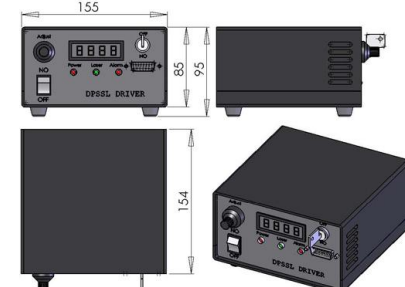
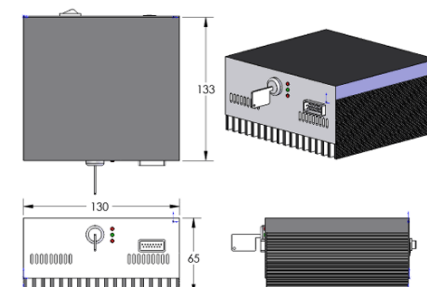
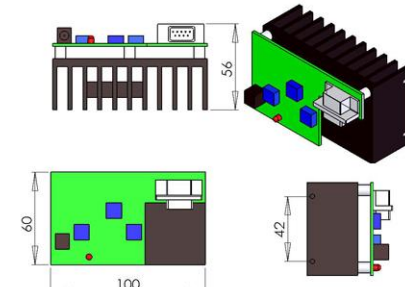
### RED DIODE LASER At 690nm

Diode red laser 690nm 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.



|   |                     |             |             |
|---|---------------------|-------------|-------------|
| Wavelength (nm)                         | 690 ± 5             |             |             |
| Output power (mW)                       | >1, 5, 10, ..., 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 |
| Expected lifetime (hours)               | 10000               |             |             |
| Warranty                                | 1 year              |             |             |



| MxL-III -690  | PSU-III-LED  | PSU-III-FDA   | PSU-III-OEM  |
|---|--|---|--|
|  <p>140. 8(L)×73(W) ×46. 2(H) mm<sup>3</sup>, 0.6kg</p> |  <p>154 (L) ×155(W) ×95 (H) mm<sup>3</sup>, 1.5kg</p> |  <p>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</p> |  <p>100 (L) ×60(W) ×56 (H) mm<sup>3</sup>, 0.2kg</p> |
|    |    |    |   |