

MLL-III-852/1~2000mW

LOW NOISE INFRARED DIODE LASER AT 852 nm




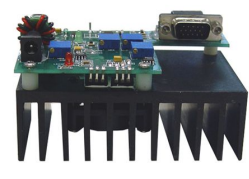
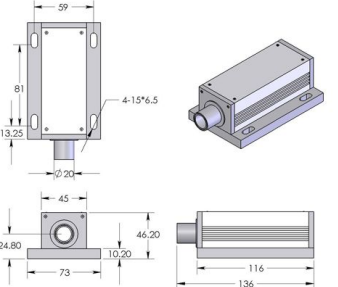
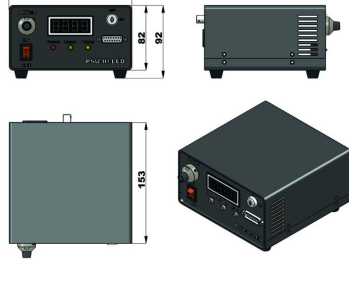
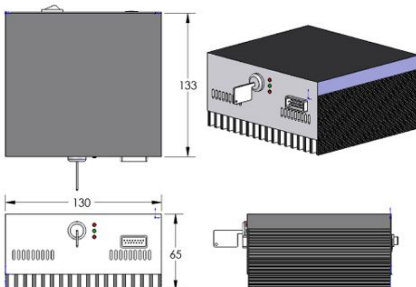
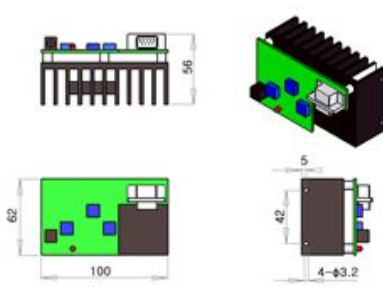
Low noise diode infrared laser module at 852 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

| | | | |
|---|-------------------------|-------------|-------------|
| Wavelength (nm) | 852 ± 5 | | |
| Output power (mW) | >1, 50, 100, ... , 2000 | | |
| Transverse mode | Multimode | | |
| Operating mode | CW | | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | | |
| Noise of amplitude(rms,1~20MHz) | <1% | | |
| Warm-up time (minutes) | <5 | | |
| M ² factor | <20 | | |
| Beam divergence, full angle (mrad) | <3. 0 | | |
| Dimensions of beam at the aperture (mm) | ~5×8 | | |
| Beam height from base plate (mm) | 24. 8 | | |
| Polarization ratio | >50:1 | | |
| 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-852 | PSU-III-LED | PSU-III-FDA | PSU-III-OEM |
|---|---|---|--|
|  <p>136(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> |  <p>100 (L) ×62(W) ×56 (H) mm³, 0.2kg</p> |
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