

MLL-III-543/1~100mW

LOW NOISE GREEN LASER AT 543 nm





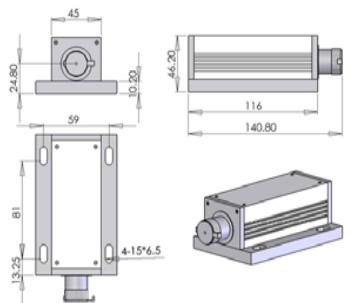

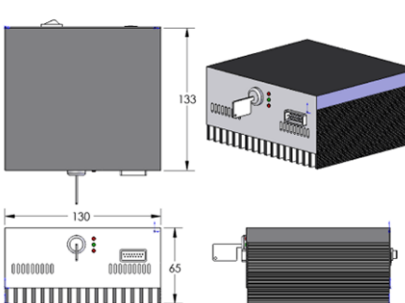
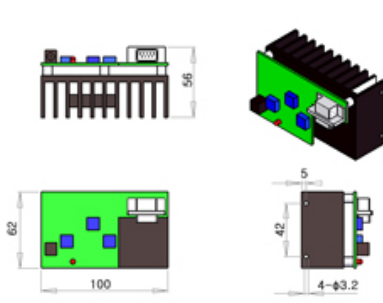
Low noise green laser at 543 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



SPECIFICATIONS

| | | | |
|---|--------------------------|-------------|-------------|
| Wavelength (nm) | 543 ± 1 | | |
| Output power (mW) | >1, 5, 10, 20, ... , 100 | | |
| Transverse mode | TEM ₀₀ | | |
| Operating mode | CW | | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | | |
| Noise of amplitude (rms, 20Hz~20MHz) | <1% | | |
| Warm-up time (minutes) | <10 | | |
| M ² factor | <1.2 | | |
| Beam divergence, full angle (mrad) | <1.5 | | |
| Beam diameter at 1/e ² (mm) | ~1.2 | | |
| Beam height from base plate (mm) | 24.8 | | |
| Polarization ratio | >100:1 (0 or 90 degree) | | |
| 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-543 | PSU-III-LED | PSU-III-FDA | PSU-III-OEM |
|--|--|---|--|
|  <p>140.8(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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