



MLL-III-655L/660L /1~180mW

LOW NOISE RED DIODE LASER
At 655/660nm

Low noise red diode laser at 655/660nm 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

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|--|---|--------------|
| Model | MLL-III-655L | MLL-III-660L |
| Wavelength (nm) | 655±5 | 660±5 |
| Operating mode | CW | |
| Output power (mW) | >1,10,20,..., 180 | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | |
| Transverse mode | Near TEM ₀₀ | |
| Noise of amplitude (rms, 20Hz~20MHz) | <1% | |
| M ² factor | <1.5 (<1.2, optional) | |
| Beam diameter at the aperture (1/e ² ,mm) | ~3.0 (~1.0, optional) | |
| Beam divergence, full angle (mrad) | <1.0 | |
| Polarization ratio | >50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional) | |
| Warm-up time (minutes) | <5 | |
| Pointing stability after warm-up (mrad) | <0.05 | |
| 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 | |

