

MLL-F-470/1000~2000mW



LOW NOISE BLUE DIODE LASER AT 470nm

Low noise diode laser module at 470nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific research, ect.



SPECIFICATIONS

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|---|---|
| Wavelength (nm) | 470±5 |
| Operating mode | CW |
| Output power (mW) | >1000, 1100, 1200, ...,2000 |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% |
| Transverse mode | Multimode |
| Noise of amplitude(rms,20Hz~20MHz) | <1% |
| Beam diameter at the aperture ((1/e ² ,mm) | ~2.7×2.7 |
| Beam divergence, full angle (mrad) | 1.4×0.2 |
| Polarization ratio | >50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional) |
| Warm-up time (minutes) | <5 |
| Beam height from base plate (mm) | 45 |
| Operating temperature (°C) | 10~35 |
| Power supply (100-240VAC) | PSU-H-LED/ PSU-H-FDA |
| TTL / Analog modulation | TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



| MxL-F-470 | PSU-H-LED | PSU-H-FDA |
|---|--|--|
| <p>216.5 (L) ×88(W) ×74 (H) mm³, 1.4kg</p> | <p>277 (L) ×145(W) ×106(H) mm³, 2.3kg</p> | <p>275 (L) ×145(W) ×104(H) mm³, 2.1kg</p> |