

MBL-N-480/50~150mW



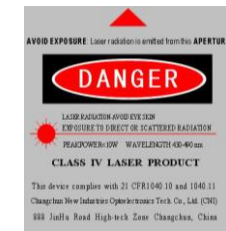
LD PUMPED ALL-SOLID-STATE BLUE LASER AT 480NM

All solid state 480 nm blue laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

| | | |
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| Wavelength (nm) | 480±1 | |
| Operating mode | CW | |
| Output power (mW) | >50, 80,..., 150 | |
| Power stability (rms, over 4 hours) | <3%, <5%, <10% | |
| Transverse mode | Near TEM ₀₀ | |
| M ² factor | 3~5 | |
| Beam divergence, full angle (mrad) | <1.5 | |
| Beam diameter at the aperture (1/e ² ,mm) | ~3.0 | |
| Warm-up time (minutes) | <10 | |
| Polarization ratio | >100:1 | |
| Beam height from base plate (mm) | 68.5 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | 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 period | 1 year | |



| MxL-N-480 | PSU-H-LED | PSU-H-FDA |
|--|--|--|
| <p>245(L)×99(W)×94(H) mm³, 2.6 kg</p> | <p>307 (L) ×150(W) ×106 (H) mm³, 2.9 kg</p> | <p>307 (L) ×150(W) ×106 (H) mm³, 2.9 kg</p> |