

MLL-FN -360 /1~30mW

LD PUMPED ALL-SOLID-STATE LOW NOISE UV LASER AT 360 nm

All solid state low noise UV laser at 360 nm is made features of TEM₀₀, long lifetime and easy operating, which is widely used in measurement, spectrum analysis as the substitute for He-Ne lasers.



SPECIFICATIONS

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|---|---|
| Wavelength (nm) | 360±1 |
| Operating mode | CW |
| Output power (mW) | >1, 10, 20, ... , 30 |
| Power stability (rms, over 4 hours) | <5%, <10% |
| Transverse mode | TEM ₀₀ |
| M ² factor | <2.0 |
| Noise of amplitude (rms, 20Hz~20MHz) | <1% |
| Beam diameter at the aperture (1/e ² , mm) | ~1.5 |
| Beam divergence, full angle (mrad) | <1.0 |
| Polarization ratio | >50:1, >100:1, optional Horizontal ±5 degree (Vertical Optional) |
| Warm-up time (minutes) | <10 |
| Beam height from base plate (mm) | 27.4 |
| Operating temperature (°C) | 10~35 |
| Power supply (90-264VAC) | PSU-H-FDA |
| Expected lifetime (hours) | 10000 |
| Warranty | 1 year |



Note: The laser head needs to be used on a heat sink with good heat dissipation.

| MXL-FN-360 | PSU-H-FDA |
|--|--|
| <p>197(L)×70(W)×50(H) mm³, 2.0 kg</p> | <p>236(L) ×145(W) ×104(H) mm³, 2.3 kg</p> |