

UV-F-360 /1~100mW



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

All solid state 360nm UV laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, measurement, physics experiment, laser rapid modeling, Raman spectroscopy and fluorescence analysis etc.



SPECIFICATIONS

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|---|---|
| Central wavelength (nm) | 360±1 |
| Operating mode | CW |
| Output power (mW) | >1, 10, 20, ... , 100 |
| Power stability (rms, over 4 hours) | <1%, <2%, <3%, <5% |
| Transverse mode | Near TEM ₀₀ |
| M ² factor | <2.0 |
| Beam diameter at the aperture (1/e ² , mm) | ~1.2 |
| Beam divergence, full angle (mrad) | <1.0 |
| Polarization ratio | >50:1 Horizontal±5 degree (Vertical Optional) |
| Warm-up time (minutes) | <10 |
| Beam height from base plate (mm) | 45 |
| Operating temperature (°C) | 10~35 |
| Power supply (90-264VAC) | PSU-H-LED/PSU-H-FDA |
| Expected lifetime (hours) | 5000 |
| Warranty | 1 year |



| UV-F-360 | PSU-H-LED | PSU-H-FDA |
|---|--|--|
| <p>211 (L)×88(W)×74(H) mm³, 1.6 kg</p> | <p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p> | <p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p> |