

UV-F-355/1~10mW



LD PUMPED ALL-SOLID-STATE CW UV LASER

All solid state 355nm 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, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.



SPECIFICATIONS

Wavelength (nm)	355 ± 1		
Operating mode	CW		
Output power (mW)	>1, 2, 3, ..., 10		
Power stability (rms, over 4 hours)	<10%		
Transverse mode	Near TEM ₀₀		
M ² factor	<2.0		
Beam diameter at the aperture (mm)	<2.0		
Beam divergence, full angle (mrad)	<1.5		
Polarization ratio	>50:1		
Spectral purity	>99%		
Warm-up time (minutes)	<10		
Pointing stability after warm-up (mrad)	<0.05		
Beam height from base plate (mm)	45		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	5000		
Warranty period	1 year		



UV-F-355	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<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>236(L) × 145(W) × 104(H) mm³, 2.3 kg</p>	<p>238 (L) × 146(W) × 94 (H) mm³, 2.2 kg</p>