

UV-F-355/1~50mW



**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, ..., 50
Power stability (rms, over 4 hours)	<5%, <10%
Transverse mode	Near TEM ₀₀
M ² factor	<1.5
Beam diameter at the aperture (mm)	<1.2
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-SR
Expected lifetime (hours)	5000
Warranty period	1 year



UV-F-355	PSU-H-LED	PSU-H-FDA	PSU-SR
<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>	<p>188(L) ×145(W) ×83(H) mm³, 1.2kg</p>