



Your source for high quality, affordable lasers

## DATA SHEET

### LD PUMPED ALL-SOLID-STATE CW UV LASER AT 355nm

All solid state 355nm UV laser is made of features of ultra-compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.

Model: UV-F-355/3~20mW

Wavelength (nm)	355 ± 1nm	
Output power (mW)	>3, 5, 10, 15, 20	
Transverse mode	Near TEM <sub>00</sub>	
Operating mode	CW	
Power stability (rms, over 4 hours)	<10%	
Warm-up time (minutes)	<10	
M <sup>2</sup> factor	<2.0	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	<2.0	
Beam height from base plate (mm)	45	
Polarization ratio	>50:1	
Spectral purity	>99%	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10,000	
Warranty period	1 year	



UV-F-355	Laser Head Dimensions	PSU-H-LED	PSU-H-FDA
	<p><b>211(L) × 88(W) × 74(H) mm<sup>3</sup>, 1.6kg</b></p>	<p><b>277 (L) × 145(W) × 106 (H) mm<sup>3</sup>, 2.6 kg</b></p>	<p><b>275 (L) × 145(W) × 104 (H) mm<sup>3</sup>, 2.3kg</b></p>