

Specification Sheet

Ultralasers, Inc

UV-F-349/1~100mW



LD PUMPED ALL-SOLID-STATE CW UV LASER

All solid state 349nm 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.

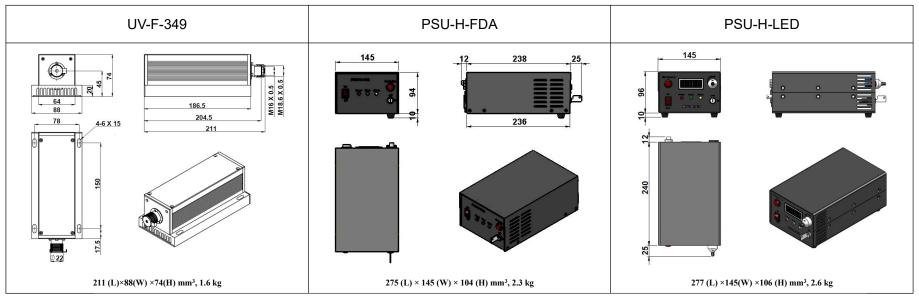


SPECIFICATIONS

Wavelength (nm)	349 ± 1
Operating mode	CW
Output power (mW)	>1, 2,,100
Power stability (rms, over 4 hours)	<3%,<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)	<1.0
Polarization ratio	>50:1 Horizontal <u>+</u> 5degree (Vertical Optional)
Warm-up time (minutes)	<10
Beam height from base plate (mm)	45
Operating temperature (°C)	10~35
Spectral purity	>99%
Power supply (90-264VAC)	PSU-H-FDA/PSU-H-LED
Expected lifetime (hours)	5000
Warranty period	1 year



LAME ADDATOS - AVOD DESETENCESE TO BEAM FRADOWER-MONE WAVELENCTE 201-400m CLASS HID LASER PRODUCT is drive complies with 21 CFR1040.10 and 1040.11



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