**Opto Engine LLC** 

## 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.

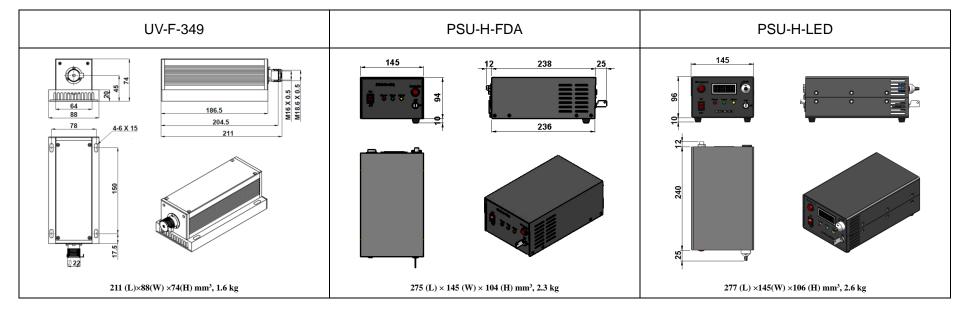


## SPECIFICATIONS

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 <sub>00</sub>
M <sup>2</sup> factor	<2.0
Beam diameter at the aperture (mm)	~1.5
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







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## **Data sheet**

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