



Up to 20 mW Output

Low Divergence, Low Noise

Diode Pumped, Compact, Air-Cooled

System Specifications		UV355-10	UV355-20
Wavelength		355 nm	355 nm
Output Power		10 mW	20 mW
Beam Diameter ¹		2-3 mm	2-3 mm
Transverse mode		Near TEM ₀₀	Near TEM ₀₀
Beam divergence ²		<1.5 mrad	<1.5 mrad
M ² factor		M ² < 2.0	M ² < 2.0
Beam Height		45 mm	45 mm
Point stability ³		< 0.05 mrad	< 0.05 mrad
Polarization ratio		> 50:1	> 50:1
Power stability ⁴		<10% @ 4 hours	<10% @ 4 hours
Warm-up time		< 10 minutes	< 10 minutes
TTL / Analog Modulation		Optional (2 KHz - 30 KHz)	Optional (2 KHz - 30 KHz)
Expected lifetime		10,000 hours	10,000 hours
Warranty time		1 year	1 year
Operating temperature		10 - 35 °C	10 - 35 °C
Power supply		80 - 260 VAC	80 - 260 VAC
Power Consumption		N/A	N/A
Dimensions (L×W×H)	Laser Head	210 x 90 75 mm	210 x 90 75 mm
	Power Supply	240 x 150 x 100 mm	240 x 150 x 100 mm
Weights	Laser Head	1.6 Kg	1.6 Kg
	Power Supply	2.5 Kg	2.5 Kg

NOTES

All specifications at 355 nm unless otherwise noted. All performance specifications guaranteed at specified output power only.

1 1/e² at exit port.

2 Full-angle divergence.

3 Measured as far-field x and y positions over a 25°C to 35°C temperature change.

4 Measured over 4 hours after 15 minute warm-up.

355nm

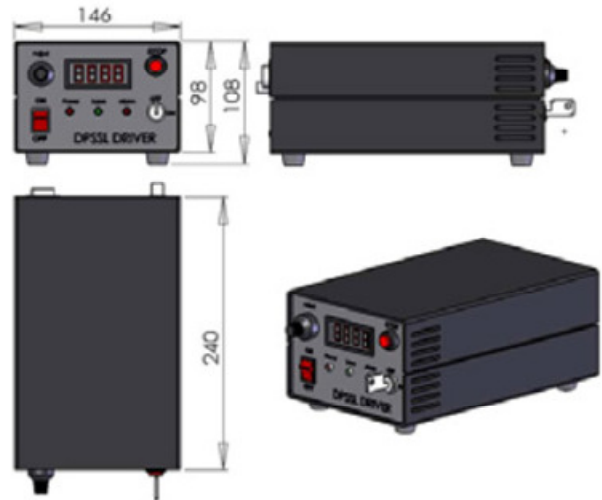
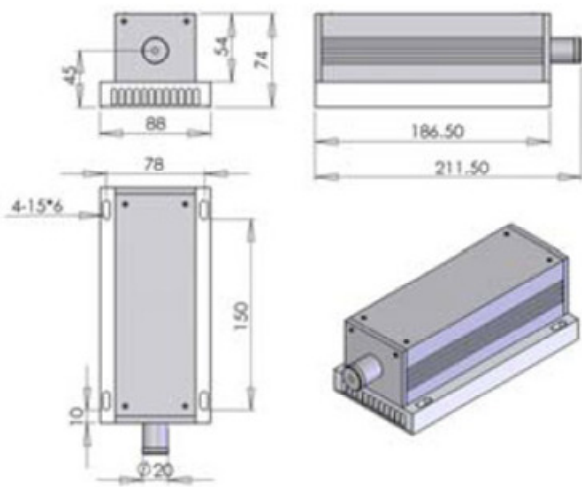
CW Ultraviolet Lasers



211.5(L)×88(W)×74(H) mm³, 1.6 kg



240 (L) ×146(W) ×108 (H) mm³, 2.6 kg



All Dimensions are in mm

Laser Lab Components, Inc. (LLCI) follows a policy of continuous product improvement. Specifications are subject to change without notice.

LLCI offers a limited warranty for all UV™ systems. For full details on warranty coverage, please refer to the Service and Support section at www.LaserLabComponents.com, or contact your local Sales or Service Representative.

