



20-2000mW Output

Low Divergence, Low Noise

Diode Pumped, Compact, Air-Cooled

QUV 355

System Specifications		QUV 355
Wavelength		355nm
Average Output Power		20-2000mW
Pulse Repetition Rate		3-20KHz
Pulse Width		<20 ns @ 20 kHz
Beam Diameter ¹		2.0 mm
Transverse mode		TEM ₀₀
Beam divergence ²		<0.7 mrad
M ² factor		M ² ≤ 1.2
Point stability ³		<0.05mrad
Polarization ratio		>100:1
Power stability ⁴		5% @ 4 hours
Warm-up time		5minutes
Expected lifetime		10000 hours
Warranty time		1 year
Operating temperature		10-30°C
Power supply		80-260VAC
Power Consumption		<500W
Dimensions (L×W×H)	Laser Head	460×180×120mm
	Power Supply	460×440×180mm
Weights	Laser Head	20Kg
	Power Supply	30kg

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

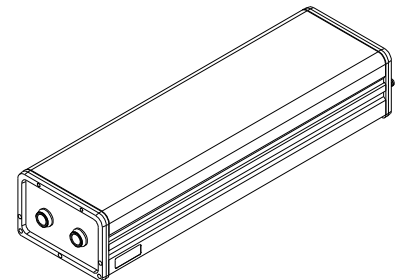
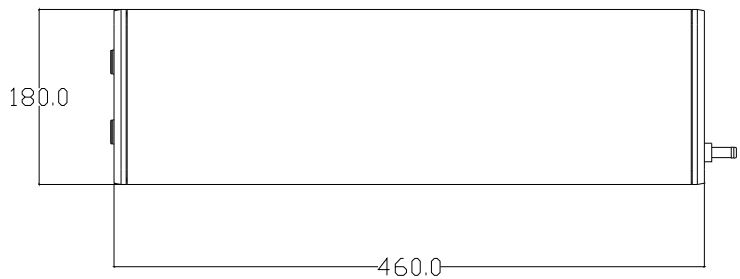
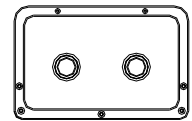
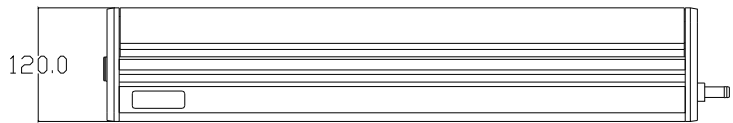
QCW Ultraviolet Lasers



The 355 nm Ultraviolet QCW Laser is a Diode-Pumped Solid-State Laser with compacted, rugged and air-cooled geometry.

The laser has such features as ultra compact, long lifetime, low cost and easy operation, which is applied in DNA sequencing, Flow cytometry, Cell sorting, Spectrum analysis, Interference, Holography, Laser printing, Chip inspection, Physics experiments, etc.

Laser Head



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.

