



**50-200mW Output**

**Low Divergence, Low Noise**

**Diode Pumped, Compact, Air-Cooled**

## QUV266

### System Specifications

Wavelength	266nm	
Average Output Power	50 - 200 mW	
Pulse Energy (uJ)	5 - 10	
Pulse Repetition Rate	5KHz - 20KHz	
Pulse Width	- 15 ns @ 5 kHz	
Beam Diameter <sup>1</sup>	- 2.0 mm	
Transverse mode	Near TEM <sub>00</sub>	
M <sup>2</sup> factor	M <sup>2</sup> ≤ 1.5	
Polarization ratio	> 100:1	
Power stability <sup>4</sup>	<5%, 10% @ 4 hours	
Warm-up time	< 15 minutes	
Beam Height (mm)	94	
Expected lifetime	8,000 hours	
Warranty time	1 year	
Operating temperature	10-35°C	
Power supply	80-260VAC	
Dimensions (L×W×H)	Laser Head	211 × 88 × 74 mm
	Power Supply	238 × 146 × 102 mm
Weights	Laser Head	1.6 Kg
	Power Supply	2.3 kg

### NOTES

All specifications at 266 nm unless otherwise noted. All performance specifications guaranteed at specified output power only.

1 1/e<sup>2</sup> 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.

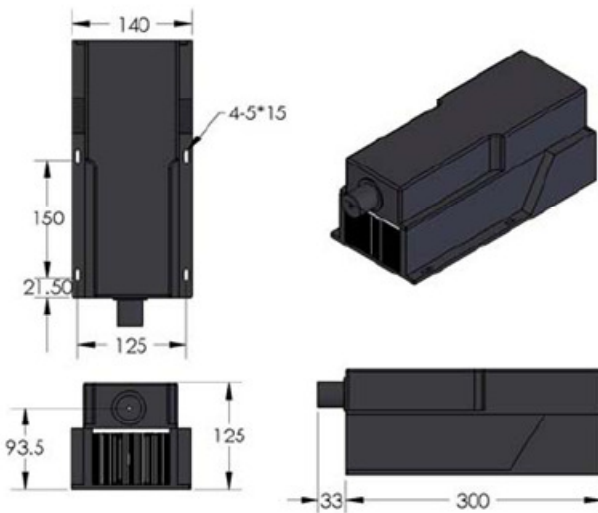
4 Measured over 4 hours after 15 minute warm-up.



Laser Head



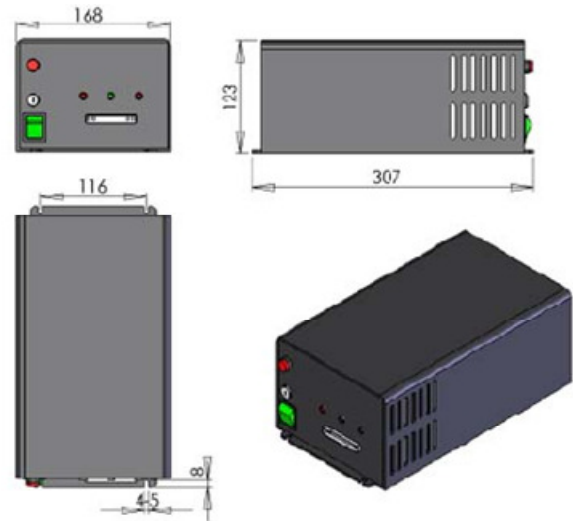
333(L)×140(W)×125(H) mm<sup>3</sup>, 6.1 kg



Power Supply



300 (L) ×162(W) ×134(H) mm<sup>3</sup>, 5.2 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 GL™ systems. For full details on warranty coverage, please refer to the Service and Support section at [www.LaserLabComponents.com](http://www.LaserLabComponents.com), or contact your local Sales or Service Representative.

