



100 mW - 300 mW Output

Low Divergence, Low Noise

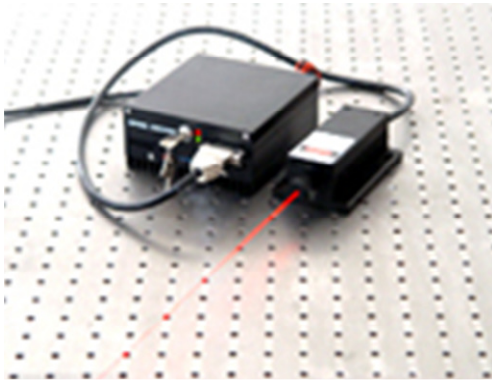
Diode Pumped, Compact

System Specifications	RL670-300
Wavelength	671 nm
Output Power	100 - 300 mW
Beam Diameter at the aperture	~2.0 mm
Transverse mode	TEM <sub>00</sub>
Beam divergence	< 1.5 mrad
M <sup>2</sup> factor	M <sup>2</sup> ≤ 1.2
Beam Height (mm)	25 mm
Operating Temperature	10 - 35 degree C
Point stability after warm-up	< 0.05 mrad
Polarization ratio	> 100:1
Power stability (4 Hrs)	< 1%; 3%; 5%; 10%;
Noise of Amplitude (RMS, 1-20MHz)	< 1%
Warm-up time (Minutes)	< 10
Expected lifetime	10,000 hours
Warranty time	1 year

		Specifications
Utility and Environmental Requirements	Power supply	80-260 VAC or 5 VDC
	Power Consumption	50W
	Operating temperature	10-35°C
	Dimensions(L×W×H)	
	Laser Head	140 × 73 × 46 mm
	Power Supply	133 × 130 × 65 mm
	Weights	
	Laser Head	0.6 Kg
	Power Supply	1.2 Kg

# 671nm

# CW Red Lasers

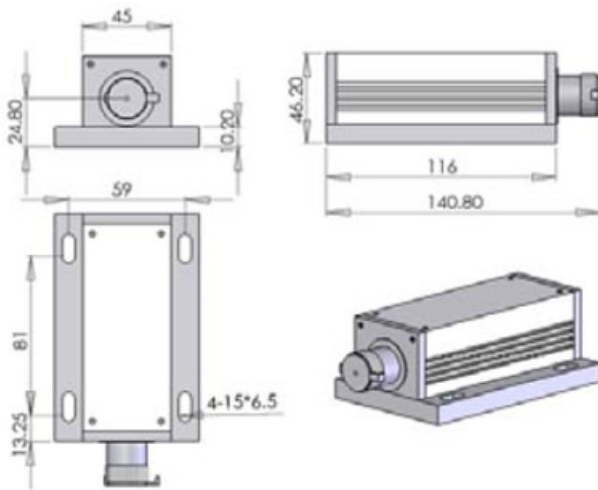


This 671 nm CW Red Laser is a Diode-Pumped Solid-State (DPSS) Laser with Compacted, Rugged and Air-cooled geometry. The laser system includes one Laser Driver and one Laser Head, they are connected with a cable for compliance with FDA regulations as an OEM laser product, and can be operated over a wide temperature range with a Low Noise and High Stability laser output.

Laser Head



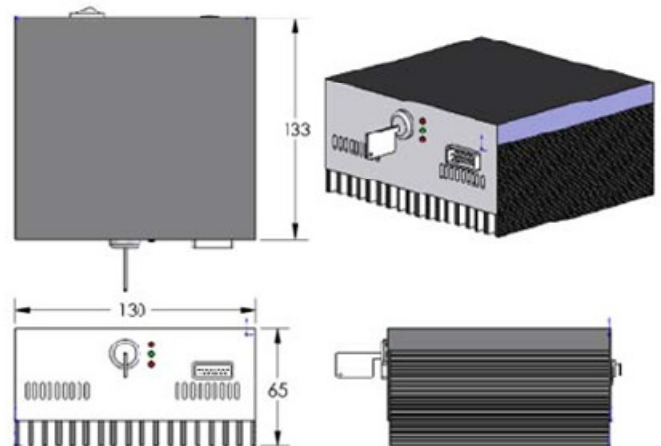
140. 8(L)×73(W) ×46. 2(H) mm<sup>3</sup>, 0.6kg



Power Supply



133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg



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.

[www.LaserLabComponents.com](http://www.LaserLabComponents.com) <sup>d</sup>

