



Up to 2 mW Output

Low Divergence, Low Noise

Diode Pumped, Compact, Air-Cooled

System Specifications		BL435-2
Wavelength		435 +/- 5 nm
Output Power		up to 2 mW
Beam Diameter <sup>1</sup>		~2.0 mm
Transverse mode		Near TEM <sub>00</sub>
Beam divergence <sup>2</sup>		< 1.5 mrad
M <sup>2</sup> factor		< 1.2
Beam Height		25 mm
Operating temperature		10-35 °C
Point stability <sup>3</sup>		< 0.05 mrad
Polarization ratio		> 100:1
Power stability <sup>4</sup>		< 5%, 10%
Warm-up time		< 10 minutes
TTL / Analog Modulation		Optional (upto 10 KHz)
Expected lifetime		10,000 hours
Warranty time		1 Year
Power supply		80 - 260 VAC or 5 VDC
Power Consumption		N/A
Dimensions (L×W×H)	Laser Head	140 × 75 × 45 mm
	Power Supply	154 × 160 × 95 mm
Weights	Laser Head	0.6 KG
	Power Supply	1.5 KG

## NOTES

All performance specifications guaranteed at specified output power only.

1 1/e<sup>2</sup> at exit port.

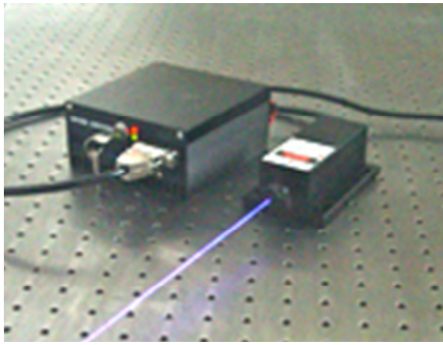
2 Full-angle divergence.

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

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

# 435nm

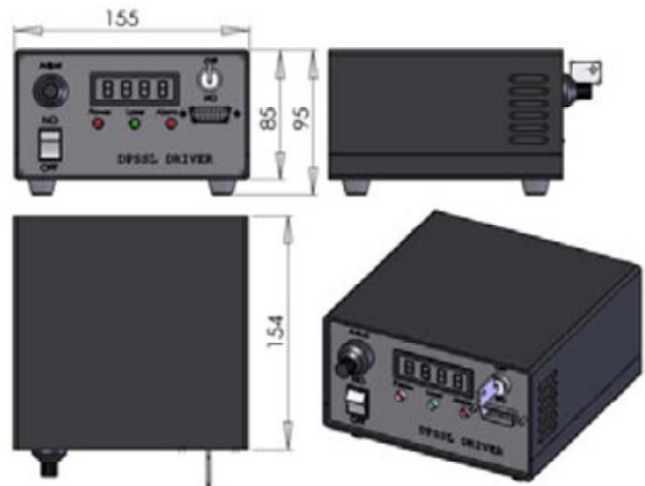
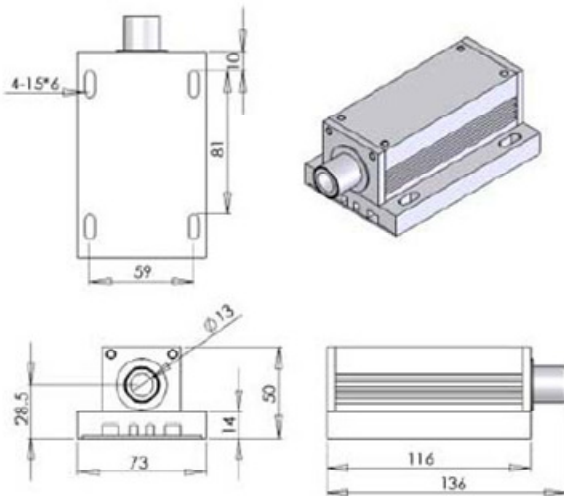
# CW Blue Lasers



136(L)×73(W) ×50(H) mm<sup>3</sup>, 0.6kg



154 (L) ×155(W) ×95 (H) mm<sup>3</sup>, 1.5kg



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](http://www.LaserLabComponents.com), or contact your local Sales or Service Representative.

