



200 ~ 500 mW Output

Low Divergence, Low Noise

Diode Pumped, Compact, Air-Cooled

System Specifications

BL 473-500

Wavelength		473 nm
Output Power		200 - 500 mW
Beam Diameter ¹		3.0 mm
Transverse mode		Near TEM ₀₀
Beam divergence ²		< 1.5 mrad
M ² factor		M ² ≤ 2.0
Spectral linewidth		< 0.1 nm
Point stability ³		< 0.05 mrad
Polarization ratio		> 100:1
Power stability ⁴		< 5%; 10% @ 4 hours
Warm-up time		10 minutes
Expected lifetime		10,000 hours
Warranty time		1 year
Operating temperature		10-35°C
Power supply		80-260VAC
Beam Height		29 mm
Dimensions (L×W×H)	Laser Head	155 × 77 × 60 mm
	Power Supply	240 × 146 × 108 mm
Weights	Laser Head	0.9 Kg
	Power Supply	2.6 Kg

NOTES

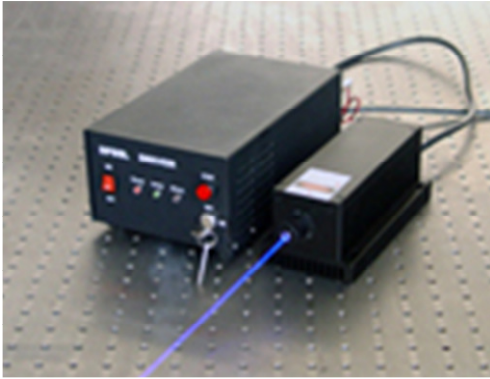
All specifications at 473 nm unless otherwise noted. All performance specifications guaranteed at specified output power only.

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.

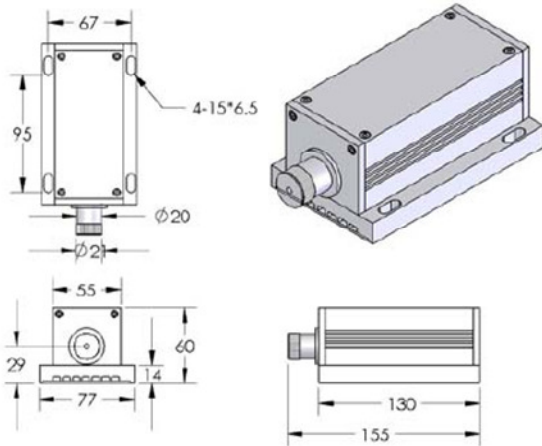
4 Measured over 4 hours after 15 minute warm-up.



Laser Head



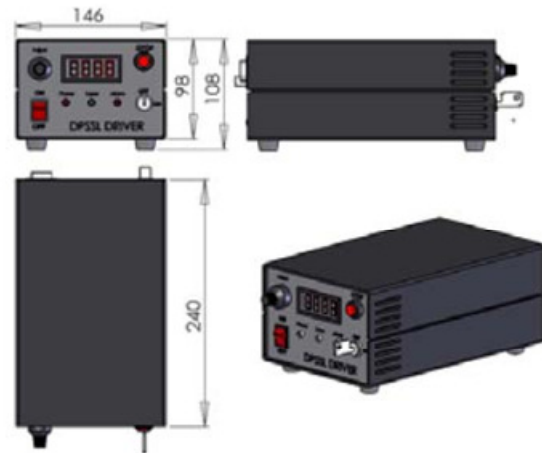
155(L)×77(W)×60(H) mm³, 0.9 kg



Laser Power



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 BL™ 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.

