

**Stellar-PRO Series Lasers**  
*For Scientific and OEM Applications*

**Performance Specifications**

Beam Diameter 1/e <sup>2</sup>	0.65mm
Beam Divergence	0.95 mrad
Polarization Ratio (TEM <sub>00</sub> models)	>100:1
Beam Amplitude Noise	<1% RMS
Beam Pointing Stability	<30urad
	(after warm-up)
Beam Output Power Drift	< +/- 1%
	(after warm-up)
Warm-up Time	5 Minutes
	(from cold start)
Start Delay	30 Seconds (approx.)
Line Voltage	120VAC ± 10%
Line Voltage (optional)	220VAC ± 10%
Line Frequency	60/50Hz
Power Consumption	1500 Watts Max.
Dimensions(HxWxL)	5.06" x 7.60" x 13.00"
	(12.9cm x 19.3cm x 33.0cm)
Weight	13 lbs. (5.9 kg.)
Cooling	Forced Air

Stellar-PRO Series lasers are designed to provide superior ion laser performance. With a diversity of available beam configurations, the Stellar-Pro is ideal for a wide variety of scientific and OEM applications.

The Stellar-PRO series laser offers one of the most compact packages available in an ion laser and is ideal for applications where space is a premium. In addition to its diminutive size, it is designed to be robust and durable. The maintenance-free sealed mirror laser tube is ruggedly supported for exceptional resistance to vibration and rough handling.

**Modu-Laser, LLC**

4603 Windrift Bay  
 West Jordan, Utah 84088

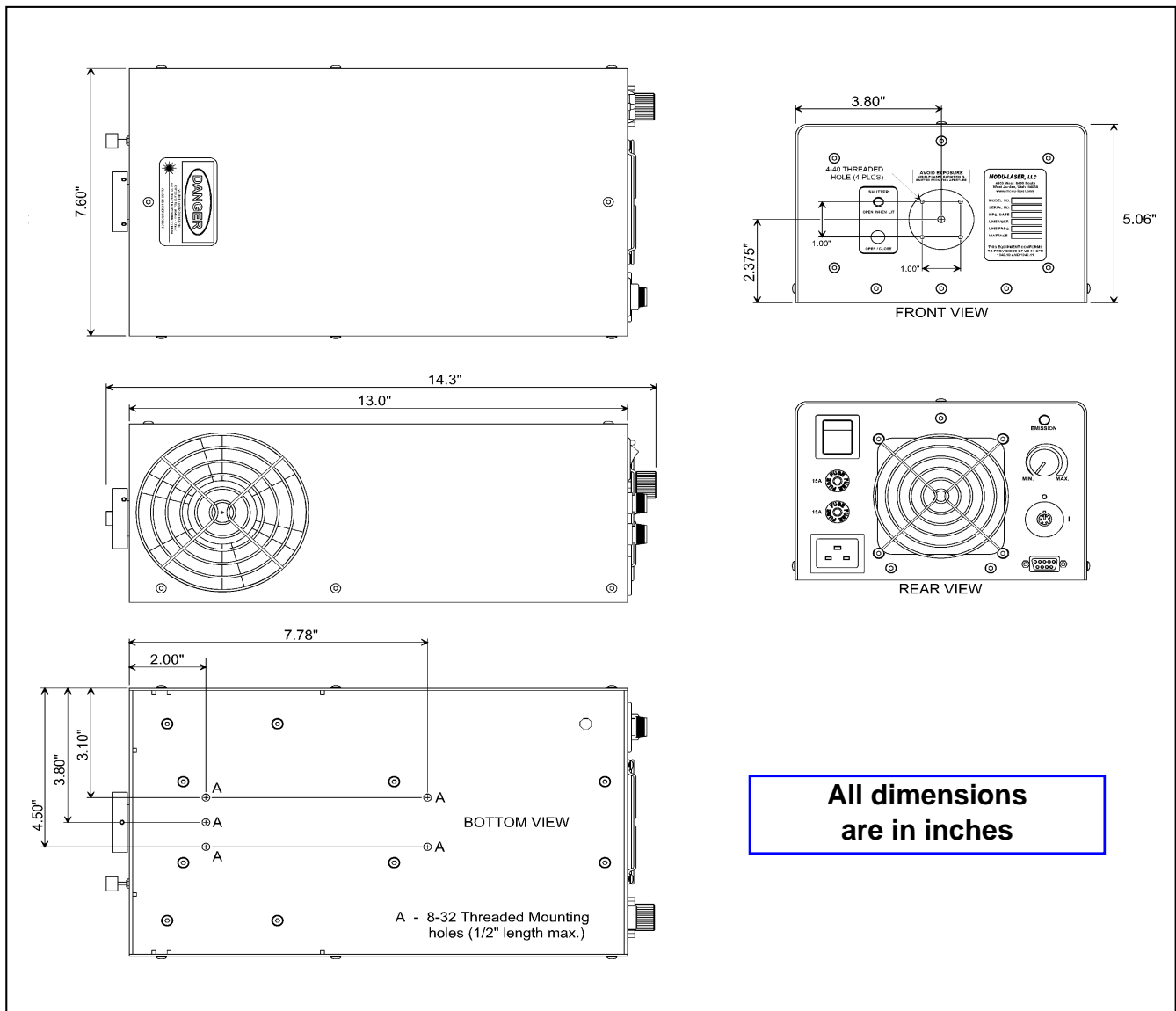
Phone: (800) 764-2967

Fax: (800) 764-2968

E-Mail: [info@modu-laser.com](mailto:info@modu-laser.com)

[www.modu-laser.com](http://www.modu-laser.com)

Embedded dual cooling fans, in combination with our exclusive "Dual Channel" air-flow design, provide quiet and highly efficient cooling of the laser tube while isolating the state-of-the-art power supply from potential airborne contaminants.



### Available Output Configurations

Wave Lengths	Mode	Polarization Available	Maximum Power
457nm	TEM <sub>00</sub>	Yes	10mW
	Multi-Mode	No	20mW
488nm	TEM <sub>00</sub>	Yes	50mW
	Multi-Mode	No	100mW
514nm	TEM <sub>00</sub>	Yes	50mW
	Multi-Mode	No	100mW
Multi-line	TEM <sub>00</sub>	Yes	150mW
	Multi-Mode	No	300mW

