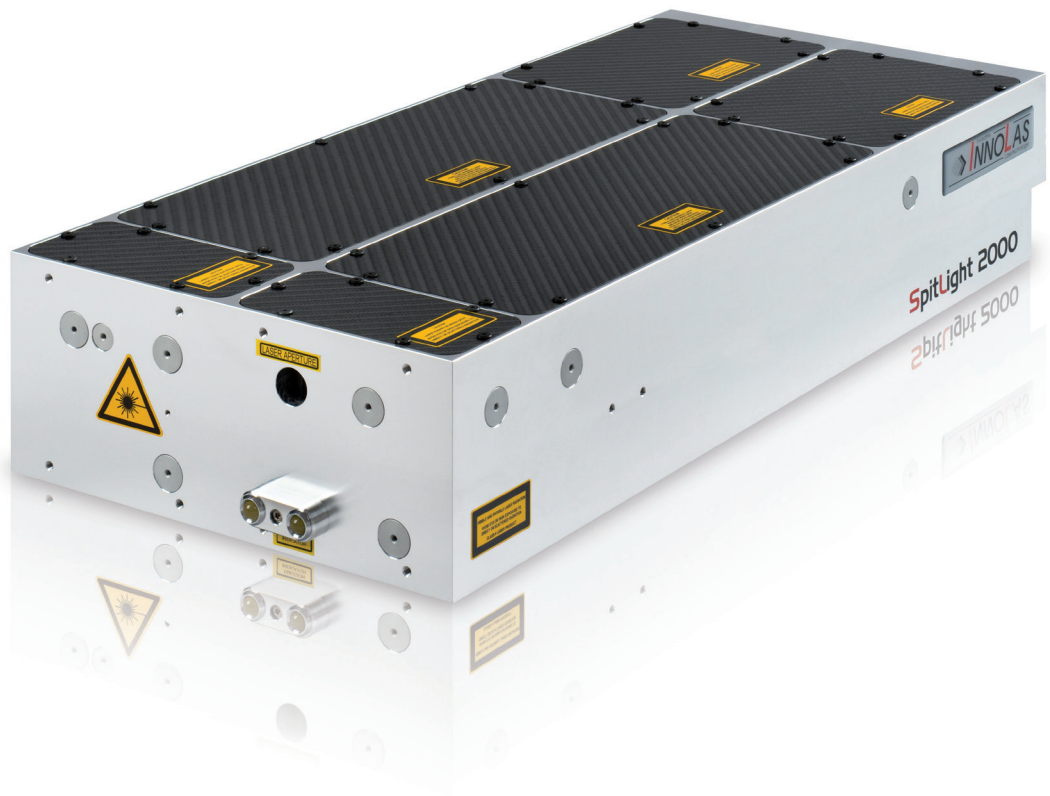


# SpitLight

Scientific Lasers

## SpitLight High Power

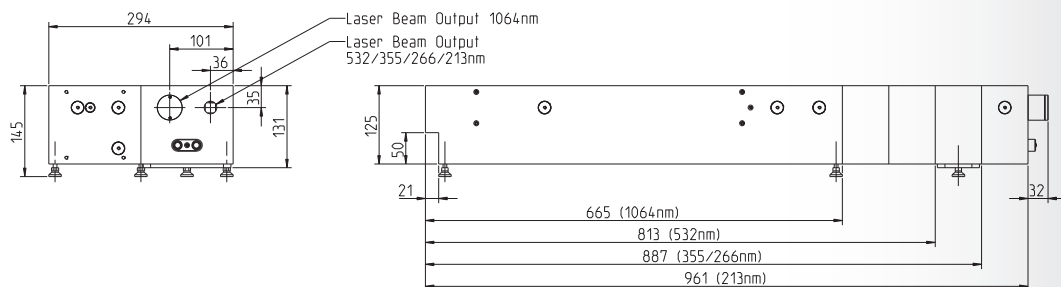


### Features

- \* Compact laser head and power supply with small footprint
- \* Robust and stable resonator structure
- \* Quick and easy change of flashlamps
- \* Maintenance-free pumping chamber with ceramic reflector
- \* Excellent beam quality and pointing stability
- \* Long flashlamp lifetime
- \* Double pulse option available
- \* System can be injection seeded (SLM-Option)

# SpitLight High Power

Model		SpitLight 1200	SpitLight 2000	SpitLight 2500
Laser Parameters	Repetition Rate	Product available from 1 to 100 Hz (Following specifications are for <b>10 Hz</b> )		
Energy	Pulse Energy @ 1064 nm	> 1250 mJ	> 2000 mJ	> 2500 mJ
	Pulse Energy @ 532 nm	> 750 mJ	> 1200 mJ	> 1400 mJ
	Pulse Energy @ 355 nm	> 330 mJ	> 600 mJ	> 700 mJ
	Pulse Energy @ 266 nm	> 100 mJ	> 130 mJ	> 200 mJ
	Pulse Energy @ 213 nm	> 18 mJ	> 40 mJ	> 60 mJ
	Energy Stability @ 1064 nm (RMS)	< 0.8%	< 1.0%	< 1.0%
	Energy Stability @ 532 nm (RMS)	< 1.3%	< 1.5%	< 1.5%
	Energy Stability @ 355 nm (RMS)	< 2.0%	< 2.2%	< 2.2%
Beam Parameters	Pulse Width @ 1064 nm	6-7 ns	6-8 ns	6-8 ns
	Divergence	< 0.5 mrad	< 0.5 mrad	< 0.5 mrad
	Pointing Stability	< ± 50 µrad	< ± 50 µrad	< ± 50 µrad
	Beam Diameter	8 mm	10 mm	12 mm
	Temporal Jitter	< ± 1 ns	< ± 1 ns	< ± 1 ns
Operating Parameters	Lamp Lifetime	> 20,000,000 shots	> 20,000,000 shots	> 20,000,000 shots
	Electrical Supply	208/400 VAC (3 phase), 50/60 Hz, 5.0 kW	208/400 VAC (3 phase), 50/60 Hz, 5.0 kW	208/400 VAC (3 phase), 50/60 Hz, 5.0 kW
	Cooling Water	8 l/min, 2-6 bar, < 15 °C	8 l/min, 2-6 bar, < 15 °C	8 l/min, 2-6 bar, < 15 °C
Weights	Laser Head	30 kg	30 kg	30 kg
	Power Supply	50 kg	50 kg	50 kg
Dimensions	Laser Head (in infrared) (L x W x H)	665 x 294 x 125 mm	665 x 294 x 125 mm	665 x 294 x 125 mm
	Power Supply (L x W x H)	560 x 400 x 425 mm	560 x 400 x 425 mm	560 x 400 x 425 mm



Also available: SpitLight 1500, please contact us for further information.

InnoLas follows a policy of continuous product improvement. All specifications are subject to change without notice. All specifications at 1064 nm unless otherwise noted.

InnoLas Laser GmbH is DIN EN ISO 9001 certified.



**InnoLas Laser GmbH** | Justus-von-Liebig-Ring 8 | 82152 Krailling | Germany  
Phone: +49 (89) 899 360 - 1400 | Fax: +49 (89) 899 360 - 1499  
E-mail: info@innolas-laser.com | Homepage: www.innolas-laser.com

