









Product Name		ZIVA Light Engine	CELESTA Light Engine	SPECTRA Light Engine	SPECTRA X Light Engine	AURA Light Engine
Color-Selective and Laser Product Snapshot		4, 5 or 7 independent lasers	4, 5 or 7 independent lasers	8 independent outputs with integral band pass filters	6 independent outputs with exchangeable bandpass filters	3-5 independent outputs with bandpass filters
		Bright, small bore FC/PC fiber output for SIM and techniques requiring high irradiance	For spinning disk confocal, wide field, and single-molecule localization microscopy	For high- throughput wavelength multiplexed widefield fluorescence microscopy	For wavelength- multiplexed widefield fluorescence microscopy	For OEM applications in bioanalytics, clinical and material sciences
						
Light Output	Power, mW/ color	100	800	500	125 - 500	250 - 500
	Linear Intensity	✓	✓	✓	✓	✓
Spectra	Spectral Range	405 - 748	405 - 748	340 - 760	340 - 1050	340 - 1050
	Filters Included	✓	✓	✓	✓	✓
Control	Onboard GUI	✓	✓	✓	✓	✓
	Stability monitoring	✓	✓	✓	✓	✓
	Dosage setting, mW	✓	✓	✓		✓
Output	Liquid Light Guide			✓	✓	✓
	Optical Fiber	✓	✓	✓		✓
Size (W x L x H): 145 x 340 x 203mm		Weight: 9 kg		Warranty: 24 months		



SOLA Light Engine

Product Name		SOLA	SOLA FISH	SOLA U-N or SOLA V-N
White Light Product Snapshot		Routine fluorescence microscopy	Specialized fluorescence microscopy	Advanced fluorescence microscopy
		White light with color bands optimized for DAPI, FITC, TRITC, Cy5 and like fluorophores	Spectrally tailored white light optimized for FISH probe excitation	Broadest spectrum and most powerful white light for the most demanding white light applications
		3400 mW	3800 mW	4600 mW
			Spectral output matches FISH probe absorption	
Light Output	White	✓	✓	✓
	Spectral Range	350-680 nm	350-680 nm	350-760 nm (U-N) or 380-760 nm (V-N)
Control	Manual	✓	✓	✓
	Lumencor GUI	✓	✓	✓
	Control Pod	Optional	Optional	Optional
	Software	Compatible 3rd-party image acquisition control software platforms. See lumencor.com.		
Speed of On/Off Operation	Manual- 1 Hz	✓	✓	✓
	Up to 1,000 Hz	✓	✓	✓
Optical Coupler	Liquid Light Guide (LLG)	✓	✓	✓
		Size (W x L x H): 125 x 263 x 163 mm	Weight: 3.6kg	Warranty: 24 months

#### Notes

- Lumencor Light Engines are manufactured in the USA under a certified ISO 9001 Quality Management System.
- Lumencor Light Engines are Mercury-Free; meet REACH, RoHS, CE requirements; are TÜV SÜD America CB & NRTL safety certified.
- End user and OEM customization is available upon request.