

Solid State LED Illumination System

SPECTRA light engine and SOLA white-light excitation Source for Fluorescence Illumination

Lumencor's light engine products are uniquely suited to provide for the needs of a broad array of bioanalytical instruments. **High power, multi-color, narrow band, stable, durable and cost effective light is generated across the UV-Vis-NIR spectrum.** Lumencor light engines (LE) will enhance overall instrument performance and reduce cost. LE configurations of up to seven color outputs are available today. Custom color selection and bandwidth are available upon request.



Four color light engine products optimized for the most common fluors used to probe live or fixed cell configurations are available. All outputs (primary and alternative bands) are optimized for comparable performance in terms of stable, durable, powerful, switchable light.

fixed cell configuration

Color Channel	Excitation Filter	
	Primary	Alternates
Violet	390/18	386/23
Cyan	475/28	485/20
Green	549/15	542/27
Red	632/22	628/40

live cell configuration

Color Channel	Excitation Filter	
	Primary	Alternates
Blue	438/24	445/20
Cyan	475/28	485/20
Teal	513/17	510/10
Yellow	575/25	586/20

light engines uniquely designed for the needs of bioanalysis

