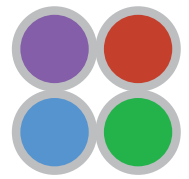





# Product Portfolio

INTENSE • SMART • GREEN LIGHT ENGINES



lumencor®



Product Name		PEKA light engine®	LIDA light engine®	SOLA light engine®		
				SOLA SM	SOLA SE	SOLA SE FISH
Product Snapshot		White Light Products				
		<ul style="list-style-type: none"> <li>White light source for transmitted light microscopy</li> <li>Tungsten-halogen lamp replacement</li> </ul>	<ul style="list-style-type: none"> <li>White and RGB light source for transmitted light microscopy</li> <li>Color imaging with monochrome cameras</li> </ul>	<ul style="list-style-type: none"> <li>White light source for fluorescence microscopy</li> <li>Mercury lamp replacement</li> </ul>	<ul style="list-style-type: none"> <li>White light source for fluorescence microscopy</li> <li>Electronic control for economical operation</li> </ul>	<ul style="list-style-type: none"> <li>White light source for fluorescence microscopy</li> <li>Spectral distribution optimized for FISH probe excitation</li> </ul>
Light Output	White	✓	✓	✓	✓	✓
	Multi-Color		✓			
	UV Option			✓	✓	✓
	nIR Option					
Control	Manual	✓	✓	✓	✓	✓
	Lumencor GUI				✓	✓
	Control Pod		✓		✓	✓
	Software		✓		✓	✓
Speed of On/Off Operation	Manual ~ 1 Hz	✓	✓	✓	✓	✓
	Up to 500 Hz		✓		✓	✓
	Up to 5,000 Hz					
Optical Coupler	Direct Coupling, No Fan	✓	✓			
	Liquid Light Guide			✓	✓	✓
	Optical Fiber					
Size	W x L x H	9 cm x 15 cm x 12 cm	9 cm x 15 cm x 12 cm	12.5 cm x 26 cm x 16 cm	12.5 cm x 26 cm x 16 cm	12.5 cm x 26 cm x 16 cm
	Weight	2.0 kg	2.0 kg	3.6 kg	3.6 kg	3.6 kg
Warranty	Months from Manufacture's Ship Date	12	36	12	36	36
Lumencor.com/Products		 /peka-light-engines/	 /lida-light-engines/	 /sola-light-engines/		




## Notes

- The lifetime of a Lumencor light engine is 20,000 hours of operation with light output greater than 70% of the levels reported on the original certificate of conformance.
- All Lumencor light engines are Mercury-Free and meet REACH, RoHS and CE marking requirements. They are also TUV SUD CB and CUE safety certified.

# Product Portfolio

## INTENSE • SMART • GREEN LIGHT ENGINES



Product Name		MIRA light engine®	SPECTRA light engine®	SPECTRA X light engine®
Product Snapshot		Colored Light Products		
		<ul style="list-style-type: none"> <li>• 4 independently controlled, unfiltered output channels</li> <li>• For routine fluorescence microscopy</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 7 independently controlled output channels with integral bandpass filters</li> <li>• For research and OEM applications</li> </ul>	<ul style="list-style-type: none"> <li>• 7 independently controlled output channels with user-exchangeable bandpass filters</li> <li>• For research and OEM applications</li> </ul>
Light Output	White	✓	✓	
	Multi-color	✓	✓	✓
	UV Option			
	nIR Option		✓	✓
Control	Manual	✓		
	Lumencor GUI		✓	✓
	Control Pod	✓	✓	✓
	Software	✓	✓	✓
Speed of On/Off Operation	Manual ~ 1 Hz	✓		
	Up to 500 Hz	✓	✓	✓
	Up to 5,000 Hz	✓	✓	✓
Optical Coupler	Direct Coupling, No Fan	✓		
	Liquid Light Guide		✓	✓
	Optical Fiber		✓	✓
Size	W x L x H	9 cm x 15 cm x 12 cm	28 cm x 19 cm x 10 cm	28 cm x 19 cm x 10 cm
	Weight	2.0 kg	4.5 kg	4.5 kg
Warranty	Months from Manufacture's Ship Date	12	36	36
Lumencor.com/Products		 /mira-light-engines/	 /spectra-light-engines/	 /spectra-x-light-engines/

### The BEST New Light in Fluorescence Illumination

Lumencor's light engines employ **SOLID STATE** technologies to provide:

- Powerful and intense light
- Spectral breadth and purity
- Fast switching speed
- Long lived, stable outputs
- Mercury-free, efficient products
- Cool, clean, compact & easy-to-use box



Lumencor light engines embody novel, solid state lighting solutions. Now you can image any fluorescent dye, protein or conjugate with a lighting system optimized to maximize fluorescent response. Light engines offer intense, stable, robust light. They provide power and the added performance you need for live cell imaging. Off-the-shelf and tailorable lighting solutions are available for all your life science needs.



GET IN TOUCH