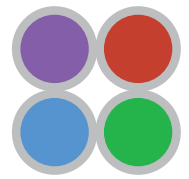





# Product Portfolio

## 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	18	36	18	36	36
Lumencor.com/Products		 /peka-light-engine/	 /lida-light-engine/	 /sola-light-engine/		






### NOTES

- Warranty coverage starts on the original date of shipment from Lumencor.
- All Lumencor light engines are manufactured in the USA under an ISO 13485 quality management system.
- 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®	CELESTA light engine®	RETRA FURA 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>• 8 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>	<ul style="list-style-type: none"> <li>• 7 independently controlled laser sources</li> <li>• For spinning disk confocal microscopy, optogenetics and other high brightness applications</li> </ul>	<ul style="list-style-type: none"> <li>• 2 independently controlled output channels with integral bandpass filters</li> <li>• 340 nm and 380 nm outputs optimized for fura-2 ratiometric Ca2+ imaging</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	15 cm x 34 cm x 20 cm	28 cm x 19 cm x 10 cm	15 cm x 34 cm x 20 cm	11 cm x 19 cm x 16 cm
	Weight	2.0 kg	8.7 kg	4.5 kg	8.7 kg	2.8 kg
Warranty	Months	18	36	36	36	36
Lumencor.com/Products		 /mira-light-engine/	 /spectra-light-engine/	 /spectra-x-light-engine/	 /celesta-light-engine/	 /retra-light-engine/



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