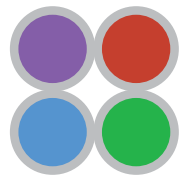


# Product Portfolio

## LIGHT FOR LIFE SCIENCES



lumencor®



Product Name		ZIVA light engine®	CELESTA light engine®	SPECTRA light engine®	SPECTRA X light engine®	AURA light engine®	
Product Snapshot		Color Selective Light Engines					
		<ul style="list-style-type: none"> <li>• 7 independently controlled laser sources</li> <li>• Optimized for SIM and other super-resolution techniques</li> <li>• 200 mW/ colorband with 100µm dia. fiber</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> <li>• 1000 mW/ colorband with 1 mm fiber</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> <li>• 500 mW/ colorband with 3 mm dia. liquid light guide</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> <li>• 50-500 mW/ colorband with 3 mm dia. liquid light guide</li> </ul>	<ul style="list-style-type: none"> <li>• 5 independently controlled output channels with integral bandpass filters</li> <li>• DAPI/FITC/TRITC/Cy5/Cy7</li> <li>• 200-1000 mW/ colorband with 3 mm dia. liquid light guide</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	15 cm x 34 cm x 20 cm	15 cm x 34 cm x 20 cm	15 cm x 34 cm x 20 cm	28 cm x 19 cm x 10 cm	15 cm x 26 cm x 20 cm	
	Weight	8.7 kg	8.7 kg	8.7 kg	4.5 kg	6.5 kg	
Warranty	Months	18	18	18	36	18	

# Product Portfolio

## LIGHT FOR LIFE SCIENCES



Product Name		SOLA light engine*			LIDA light engine*	PEKA light engine*
		SOLA SM	SOLA SE	SOLA SE FISH		
Product Snapshot		White Light Engines				
		<ul style="list-style-type: none"> <li>White light source for fluorescence microscopy</li> <li>Mercury lamp replacement</li> <li>3.5 - 4 W of output power with 3 mm liquid light guide</li> </ul>	<ul style="list-style-type: none"> <li>White light source for fluorescence microscopy</li> <li>Electronic control for economical operation</li> <li>3.5 - 4 W of output power with 3 mm liquid light guide</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> <li>3.5 - 4 W of output power with 3 mm liquid light guide</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 transmitted light microscopy</li> <li>Tungsten-halogen lamp replacement</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	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	9 cm x 15 cm x 12 cm	9 cm x 15 cm x 12 cm
	Weight	3.6 kg	3.6 kg	3.6 kg	2.0 kg	2.0 kg
Warranty	Months	18	36	36	36	18

### 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.
- Some end user and OEM customization available upon request.



## GET IN TOUCH

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