

### **Flexible Wavelength Selectors for Broadband Sources**

Spectrolight's Flexible Wavelength Selector tunable filters can be paired with various broadband sources (supercontinuum lasers, broadband lamps, LEDs, etc.) to be used as a tunable source.



### **Flexible Wavelength Selector Poly demo video with supercontinuum laser**

The Flexible Wavelength Selector (FWS) Auto is a tunable filter that utilizes TwinFilm™ technology to provide a simple software control (scanning or setting) of the center wavelength and the bandwidth via a USB connector. The center wavelength tuning range can be as wide as around ~500 nm or as narrow as ~50 nm depending on the specific model. The bandwidth can be adjusted from around 2 to 16 nm also depending on the specific model. A "laser version" model is also available for laser-only sources for a cost-efficient alternative.

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The center wavelength and bandwidth is set as 581/6 nm and the output is shown in the graph.

### ***Flexible Wavelength Selector Poly Demo Video with Energetiq Laser-Driven Light Source (LDLS™)***

In this demonstration video, we use Energetiq's Laser-Driven Light Source (LDLS™) EQ-99X to test the performance of our Flexible Wavelength Selector Poly. A single model of FWS Auto Poly can cover a wavelength range of at least ~500 nm. Our FWS is compatible with any type of broadband lamp or supercontinuum sources.

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*Wavelength Selector*

A truly revolutionary tool for spectroscopy and spectral imaging.

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## ***Light Sources***

Spectrolight offers a growing selection of unique light sources and related accessories

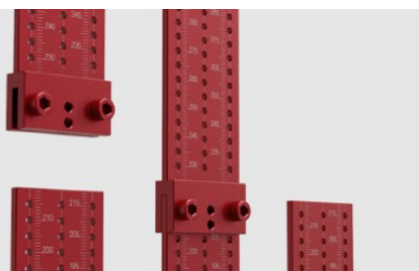
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## ***Optical Components***

Spectrolight provides a growing range of optomechanical components

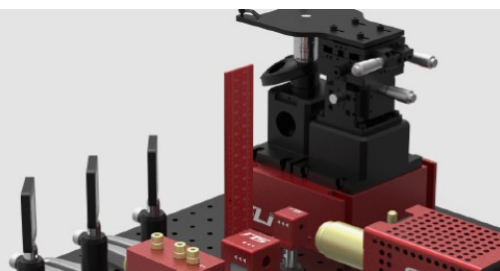
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## ***Systems***

Spectrolight provides a growing range of innovative systems and related accessories

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For Sales and Marketing Inquiries

[sales@spectrolightinc.com](mailto:sales@spectrolightinc.com)  
949-800-7780

For Applications and Technical Inquiries

[info@spectrolightinc.com](mailto:info@spectrolightinc.com)



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info@spectrolightinc.com

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