

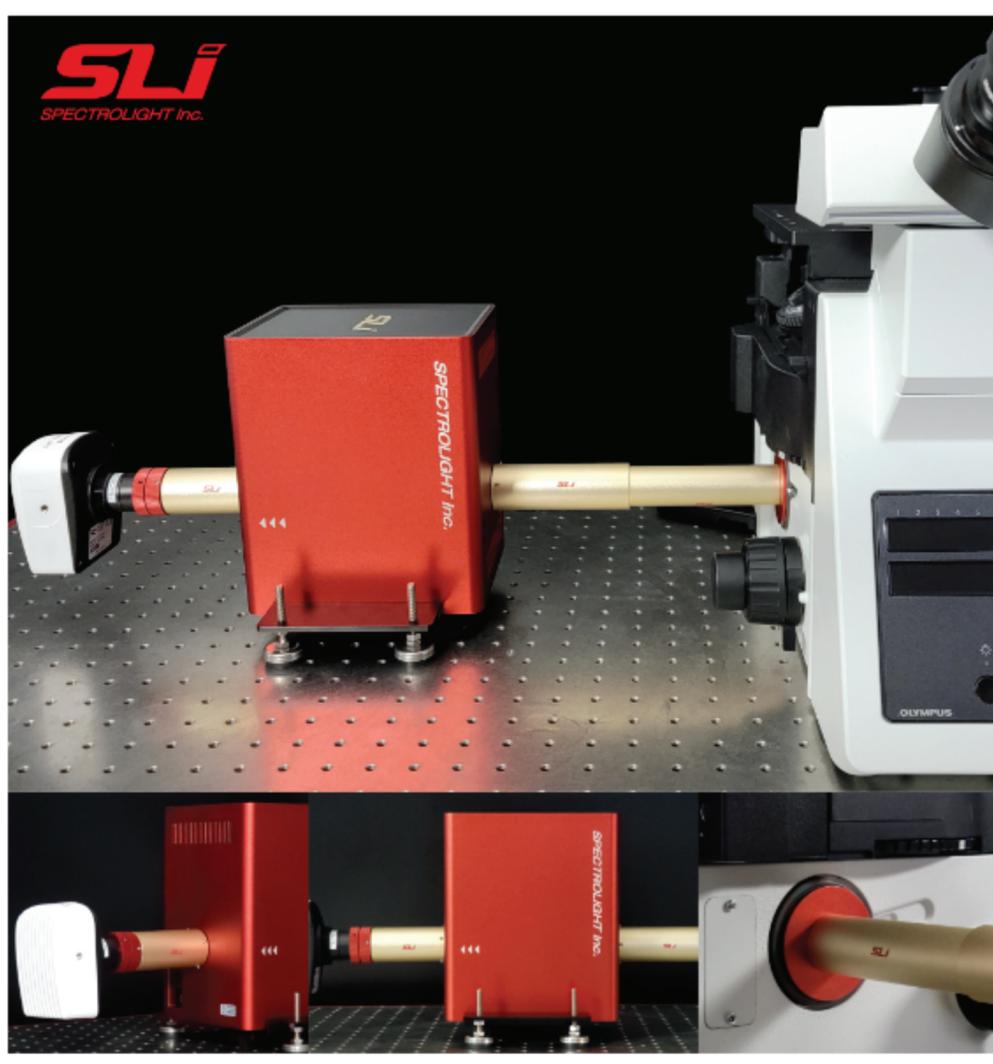
## Newsletter [October 2022]

### New 4f Relay Systems by Spectrolight

Spectrolight is introducing a new 4f Relay System this month. The 4f Relay System allows transmission of an image from one side to the other through a Fourier transform. It consists of several optical components to form a full fluorescence microscopy system. In addition, this system is applicable in hyperspectral imaging.

The goal of the 4f relay system is to collimate the light after focusing the tube lens, make it incident on the FWS, and then refocus the selected light. It is placed between the microscope and the camera and connected to the FWS to acquire clear images.

The 4f Relay System will be ready for purchase by the end of this month in three different models - VIS, NIR and SWIR.



4f Relay System by Spectrolight Inc.

### LFW Article

Spectrolight has published an article on the Laser Focus World September issue. The article can be found on LFW website for those who haven't read it yet. Click [here](#) for the article!

The article is a white paper talking in detail about the fascinating technology behind Spectrolight's Flexible Wavelength Selector. Spectrolight's TwinFilm technology implements all of the strengths of AOTF and Monochromator filter techniques, while drastically reducing the spectral distortion.

Spectrolight's Flexible Wavelength Selector (FWS) combines this technology within a simple light-tight device enabling precise and accurate spectral tuning range of 255 ~ 1650 nm. FWS consists of numerous models including "Auto", for those who want easy software control. Spectrolight is constantly working hard to provide the most user-friendly, yet powerful optomechanical devices for its users.

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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

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#### Detectors

Spectrolight provides a growing range of innovative systems and related accessories

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For Sales and Marketing

[sales@spectrolightinc.com](mailto:sales@spectrolightinc.com)  
[alex@spectrolightinc.com](mailto:alex@spectrolightinc.com)  
[jed@spectrolightinc.com](mailto:jed@spectrolightinc.com)

For Applications and Technical

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