

Wishing you a Happy New Year!



HAPPY NEW YEAR

from



Wishing you a joyful New Year filled with prosperity, laughter, and cherished moments. Cheers to a fresh start and endless possibilities! 🇺🇸 🎉 - Spectrolight Inc.

Introducing the brand new TLS from Spectrolight!



TLS-RED (Tunable bandwidth)



TLS-BLUE (Fixed Bandwidth)

Model	Supercontinuum output power		Repetition Rate	Fundamental pulse width (ps)	Output pulse width (ps)	Tuning Range (nm)
	Visible	Total				
TSLF10-RED, BLUE	100 mW	1 W	5 MHz	~ 100 ps	< 300 ps	450 - 1700 nm
TSLF15-RED, BLUE	500 mW	1.5 W	20 MHz	~ 6 ps	< 50 ps	410 - 1700 nm
TSLV80-RED, BLUE	1 W	8 W	0.01 kHz to 80 MHz	~ 100 ps	< 300 ps	430 - 1700 nm
TSLF70-RED, BLUE	2 W	7 W	80 MHz	~ 6 ps	< 50 ps	410 - 1700 nm

* Users can select the TLS RED or TLS BLUE product line depending on whether bandwidth control is required

Spectrolight’s tunable laser system (TLS) is an innovative continuously tunable laser that combines a supercontinuum laser and a tunable bandpass filter in VISBLE, IR, and SWIR ranges.

TLS-RED can generate wide wavelength ranges of approximately 400 nm to 1700 nm and can control the FWHM 2 to 15 nm (nominal), and **TLS-BLUE** has the same wide wavelength ranges with fixed FWHM at 20 nm.

TLS-RED is suitable for fields that require precise scanning, and TLS-BLUE is ideal for fields that require high output. By using Spectrolight’s TLS, users can freely select the output power and wavelength ranges according to their needs. TLS is a picosecond tunable laser that can be applied to various fields, from fluorescence microscopy to time-resolved spectroscopy, such as TCSPC, Hyperspectral imaging, Machine vision, Semiconductors, Sensors, and other applications.

For more information please contact us at support@spectrolightinc.com

Tunable Light Sources

Fully tunable light sources and laser systems with wide tunable wavelength and bandwidth range

[View details](#)



Tunable Bandpass Filters

Applicable with any broadband light sources, CWL tuning range : 255 - 1650 nm FWHM tuning range : 3 - 15 nm

[View details](#)



Light Sources

A wide variety of powerful broadband light sources including tungsten-halogen/plasma lamps, LEDs and pico-second pulsed supercontinuum lasers

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Contact us at info@spectrolightinc.com

