

# Accessories

## ONELIGHT SPECTRA ACCESSORIES

### ONELIGHT FEEDBACK SPECTROMETER

For calibration and dynamic feedback control for the Spectra, a feedback spectrometer needs to be connected to its feedback output. The spectrometer measures the wavelength and intensity of the output signal and can be calibrated to the actual output of the light guide. Fused silica optical fibers with SMA terminations for connecting feedback spectrometers to the Spectra are available in a variety of lengths.



### LIGHT GUIDES

Liquid light guides (5mm core) that plug into the output port of the OneLight Spectra are available. Various lengths and wavelength ranges are available to suit your needs. Numerical aperture: 0.59; Illumination cone angle: 72°



### MICROSCOPE ADAPTERS

Microscope adapters for connecting liquid light guides to microscopes are available for Carl Zeiss, Leica, Nikon and Olympus equipment.

### LAMP CARTRIDGES

Replacement lamp cartridges are available, comprising a Xenon arc lamp and focusing optics in an integrated unit for easy slide-in replacement of expired lamps by the user.



### USB POWER METER KIT

To measure the output power of the OneLight Spectra, users can purchase a USB power meter with stand, light guide adapter and calibration software. The meter comes with a USB cable to give power to and transfer data from the meter. The calibration software works with the USB spectrometer, to directly calibrate the spectrometer feedback system to the actual measured optical output of the system at each wavelength.



### SLIT ASSEMBLY

The OneLight Spectra uses a slit to define wavelength resolution for the system. All Spectra systems come with a user-selected slit assembly of 10nm, 15nm or 20nm slit widths. Additional slit assemblies may also be purchased, giving users the ability to balance output power and resolution to suit their application needs.



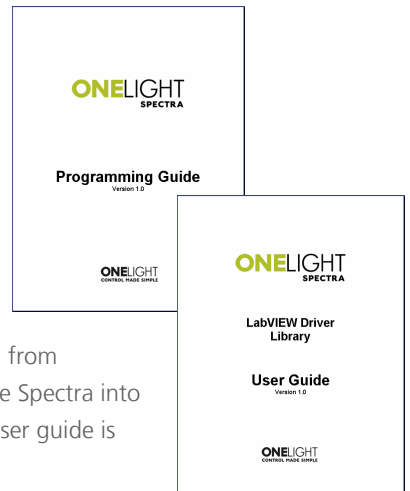
## ONELIGHT SPECTRA SOFTWARE

### SPECTRA APPLICATION SOFTWARE

The Spectra application software is included with the purchase of the OneLight Spectra, and can be used to control the wavelength, intensity and exposure time through a user-friendly interface. It lets users familiarize themselves with the capabilities of the Spectra through the software's various modes, as well as providing the means to immediately perform the light engine's basic functions for the user's desired applications.

### SOFTWARE DEVELOPER'S KIT

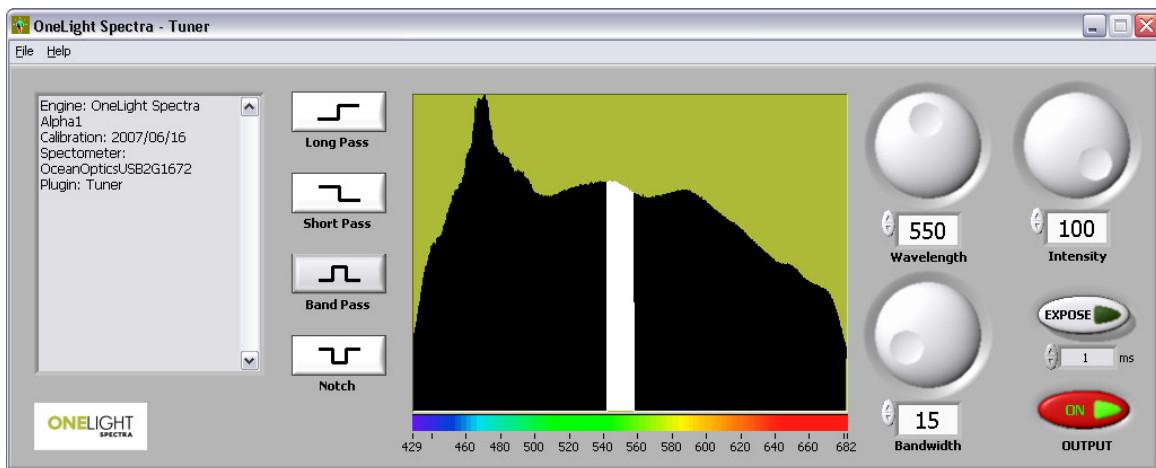
The software developer's kit enables programmers to write their own custom software for instrumentation incorporating the OneLight Spectra. The kit includes the dynamic link library with all the control functions to drive the engine and a library of data processing functions. A comprehensive user guide with descriptions of each function is included.



### LABVIEW DRIVERS

This set of LabVIEW drivers allows users of this popular instrumentation software platform from National Instruments to seamlessly integrate the Spectra into their software applications. A comprehensive user guide is included.

Note- all specifications are believed to be accurate at time of printing, but specifications are subject to change as a result of design modifications or additional information



The Spectra Application Software allows users to digitally control all illumination parameters

ONELIGHT CORPORATION  
314-1755 WEST BROADWAY,  
VANCOUVER, BRITISH COLUMBIA V6J 4S5 CANADA  
P: 604.731.7496 | F: 604.731.6948 | WWW.ONELIGHTCORP.COM

ONELIGHT  
CONTROL MADE SIMPLE