



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. Currently supported models available from OneLight include USB2000 and USB4000 spectrometers from Ocean Optics. 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



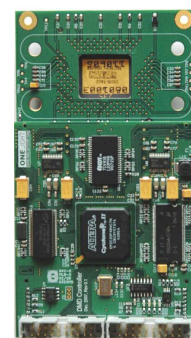
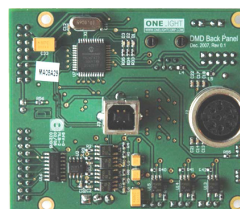
USB POWER METER

To measure the output power of the OneLight Spectra, users can purchase a USB Power Meter. The meter comes with a USB cable to give power to and transfer data from the meter.

REPAIR PARTS

In the event that some part of the Spectra malfunctions or is damaged, users can order replacements for the following major modules:

- Lamp Power Supply
- DLP Board and FPGA Board
- I/O Interface Back Panel Board
- Electronics Power Supply Assembly
- Lamp Cooling Fan Assembly
- Power Input Module
- Lamp Igniter Circuit
- Dust Filter





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.

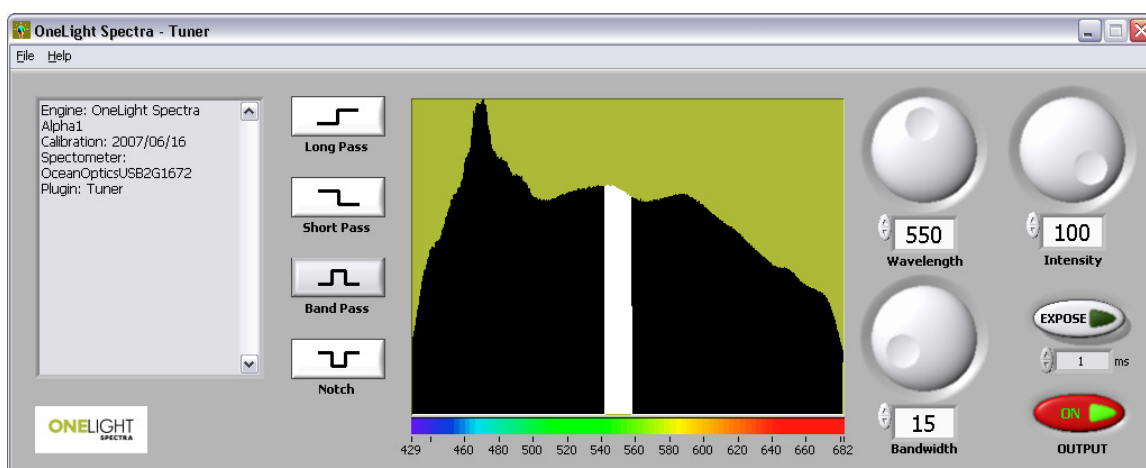
LABVIEW DRIVERS

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.

AUTO-CALIBRATION SOFTWARE

This software allows users to automatically calibrate the wavelengths and intensities produced by the Spectra light engine to their desired levels. A feedback spectrometer and USB power meter are required for the software to function properly.

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