

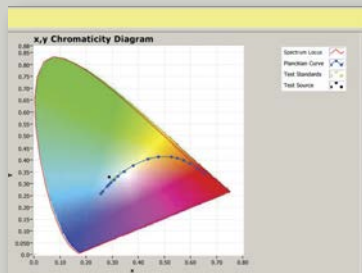
SpectriLight III

ILT950 Control & Analysis Software

SpectriLight™ III is a LabView™ based software package for Windows that allows you to acquire spectral and color data. Analysis of the data is now calculated instantly within the same program - no exporting required! The NEW version of SpectriLight™ III provides easy setting of all operating controls of the ILT950 spectrometer with an integrated data analysis package (previously an Excel™ export module) making your spectral analysis fast and simple. Wavelength range, integration time, scan average and other controls can be easily set through pop up windows, menus and toolbars. Absolute Irradiance and chromaticity are calculated instantly.

SPECIFICATIONS

- ◆ Real Time Screen Display: Instant display of Dark, Raw Data and calibrated Irradiance. %T/R and Absorption can be calculated within the program.
- ◆ Integration Time: 1 mS to 2 S
- ◆ Scan Average: 1 to 999
- ◆ External Trigger
- ◆ Peak Find
- ◆ Scaling and zoom capabilities
- ◆ Output: Print screen, save to ASCII text file or binary file
- ◆ Can be tailored to drive non-ILT spectrometer
- ◆ Data collection mode: single scan, continuous scan, pre-programmable timer (timeline)



REAL-TIME ANALYSIS

- ◆ Irradiance: Total, Visible, UVA, UVB, UVC and photopic data.
- ◆ Power and radiance measurement upgrades available.
- ◆ Chromaticity analysis: x, y, u, v coordinates and display in CIE color spaces.
- ◆ Dominant and complementary wavelength and color purity.
- ◆ General Color Rendering Index (CRI) and 15 special color rendering indices.
- ◆ Correlated Color Temperature (CCT) and Duv.
- ◆ Specialized calculations available upon request.

Requires: Windows XP Pro, 7 Pro (Pentium II 300 MHz or better)

C, C++, and Visual Basic DLL's as well as custom DLL's are also available. Please contact our software engineer at ilsupport@intl-lighttech.com for more information.



InternationalLight
TECHNOLOGIES

NIST Traceable Light Measurement Systems

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SpectriLight™ III - Version 3.5 - New Features:

1. Calibration file is saved on eeprom.
2. Timeline Feature: Exports up to 250 scans into one Excel file for easy analysis.
3. Automatic Integration - Automatically evaluates reference scan and sets integration time.