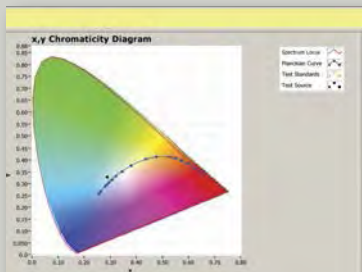# SpectriLight III
## ILT950 Control & Analysis Software

SpectriLight™ III is a LabView™ based software package for Windows that allows acquisition of spectral and color data. Analysis of the data is calculated instantly within the same program - no exporting required.

SpectriLight™ III provides easy setting of all operating controls of the ILT950 spectrometer with an integrated data analysis package 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

◆ Automated time line measurements

◆ Access multiple calibration files

◆ Auto-integration simplifies user interactions

◆ Scan Average: 1 to 999 for reduced noise

◆ External Trigger

◆ Peak Find

◆ Enhanced scaling and zoom features including movable vertical cursors

◆ Export to ASCII text, report, or directly into Excel. Save screens/scans in multiple formats including .bmp, .jpg, and .png

◆ Powerful import data wizard can even import data from other spectrometers!

**SpectriLight III - Version 5 - New Features:**

1. Overlay: allows comparison to baseline reading

2. PAR: plant growth calculations

3. New color calculation includes 2 & 10 degree observer, and Metamarism calculation

## REAL-TIME ANALYSIS

◆ Irradiance: Total, Visible, UVA, UVB, UVC, PAR, photopic data.

◆ Selectable bandwidth for irradiance, power, and radiance (requires additional hardware and calibration options)

◆ 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.

Requires: Windows XP, 7; 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.

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