

### **Meter Specifications:**

- 5 pA 1 mA current, 9 decades of light intensity measurements
- 5V reverse bias for phototubes
- Automatic ranging and averaging
- 4 GB internal memory
- 0 40° C operating temp
- USB: Micro for data download
- USB: Mini for charging and DataLight III PC& Mac light measurement software
- Dimensions: 1<sup>3</sup>/<sub>5</sub>" x 3" x 6" (H x W x L)
- Detector/Sensor connector: 15 pin connector
- CE certified: No RF noise

## **ILT2500** CW and Pulsed/Flash Light Measurement System

#### Features:

- Large 4.3" capacitive touch screen display
- Hand-held, ergonomic design
- Built-in Faraday cage for improved low-end stability
- Broadest measurement range in its class at 9 decades
- Flash measurement capability with:
  - Flash App: for 0 to 250 Hz with graphical profile
  - Beacon App: .3 to 1.4 Hz for NFPA72 strobe testing with programmable flash count, integral, peak, and frequency
- Spectrum App:
  - The ONLY hand-held meter that can also be used as a spectrometer
  - Spectrum App measures 380-840 with ILT spectrometer head MEMS 880

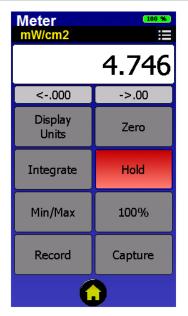
#### **Description:**

The ILT2500 is the most versatile light measurement system ever designed by ILT. It combines the easeof-use of our hand-held, portable optometer, the measurement range of a Research/Lab radiometer, pulsed light profiling similar to an oscilloscope, and the spectral measurement capability of a spectrometer. Combined with our NIST traceable / ISO17025 accredited calibration, and a wide array of sensors, optics, integrating spheres and the new MEMS880 spectrometer head, the ILT2500 applications abound!

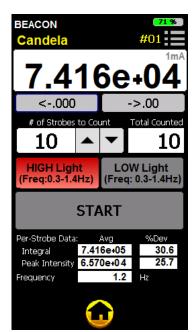




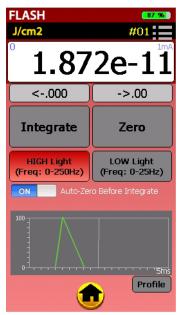
# The **ILT2500** DataLight light measurement software is packed full of apps!



**Flash** is designed for measurement of pulsed light sources such as Xenon Pulse UV lamps. It includes a flash count, profile of the peak of the flash, as well as the integrated dosage readings.



**Meter** is the standard application for steady-state light measurements and includes features such as Integrate, Hold, Zero, Min/ Max/Peak, as well as data recording all with the touch of a button. The screen can be viewed in both portrait (tall) and landscape (wide) modes.



**Beacon** is for slower

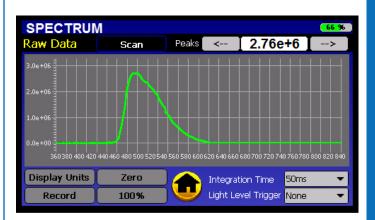
pulsed/flashing sources

including NFPA72 strobe

testing. Measure from .3



**Trend** has all the same features of Meter, however the numerical display is greatly reduced in size to allow for a large graph. The graph can be programmed as a line or bar chart, and is also available in portrait or landscape orientations.



**Spectrum** is the only radiometer application that allows spectral measurement on a hand-held radiometer. The MEMS880 Spectrometer head is sensitive from 380-840 nm (sold separately)



**Survey** allows data to be sorted by location or light source and **Light Stack** has a programmable color changing display (red/yellow/ green) and sound alert for quick troubleshooting.





- 1.4 Hz.





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