

## LumaSpec 800 Optical Power Meter



The LumaSpec 800 is a compact visible light optical power meter with additional quantitative spectral power data for microscope/optical system illumination systems. Using an illumination target in a 3" x 1" glass slide format, the LumaSpec 800 is able to check microscope illumination at the sample plane, where it matters most. The LumaSpec 800 provides quantitative and graphical information from 350nm to 800nm with 1.5 nanometer resolution, providing a quick and easy tool for quantifying your illumination system.

Applications for the LumaSpec 800 include:

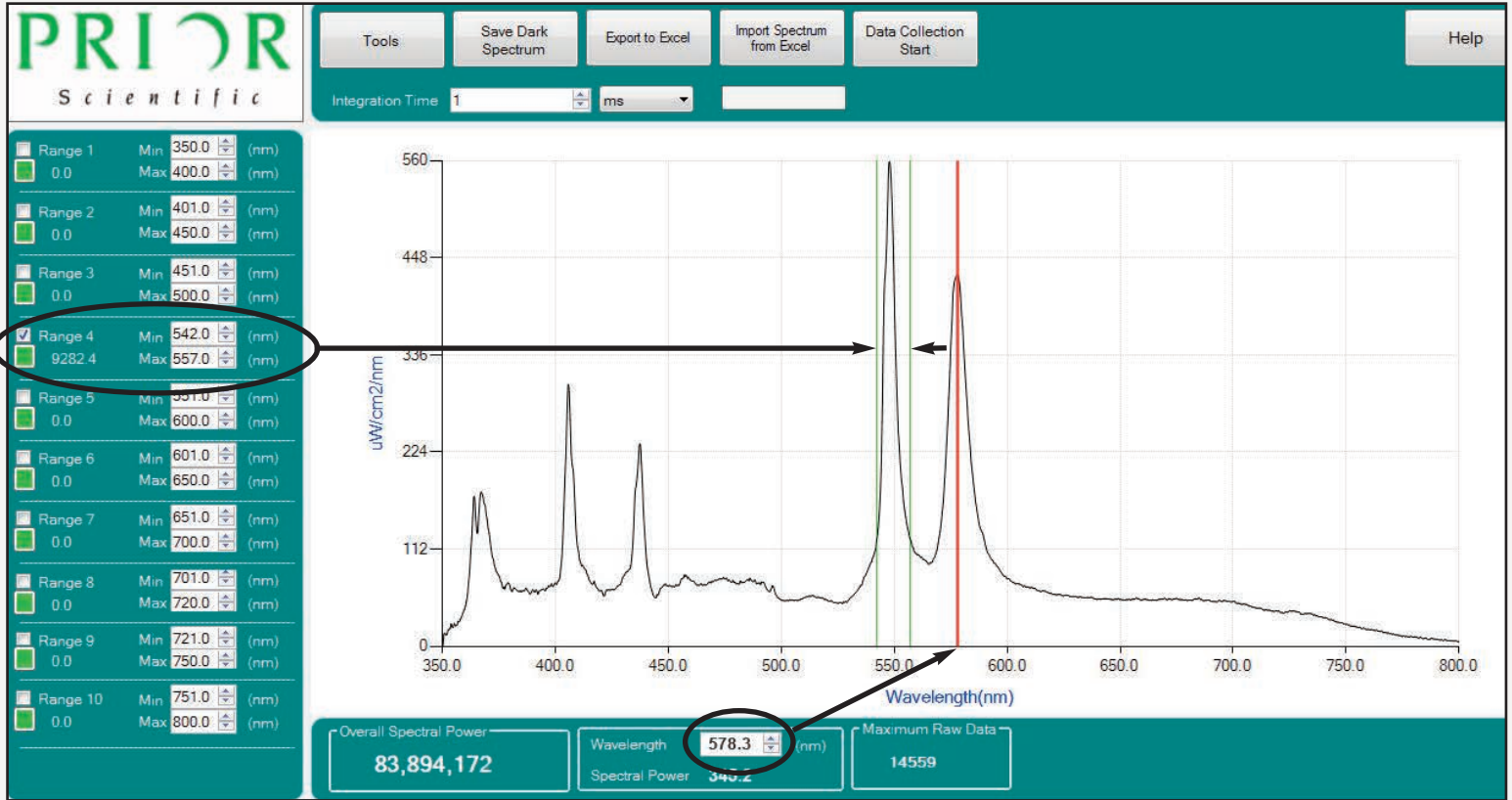
- **Confirming the performance of illumination systems with and without filters in place.**
- **Measuring transmission of filter sets.**
- **Qualifying the consistency of illumination over time down to milliseconds to match exposure times.**
- **To assist with quantitative and/or ratiometric imaging.**

### General Specifications:

- Intuitive software which provides information on multiple wavelengths at a glance
- Simple to export and save quantitative spectral data to Excel
- Ability to import saved spectrums for comparison with current live spectrum
- USB powered (0.75W) single cable for data and power
- 350 – 800 nanometer wavelength range
- 1.5 nanometer resolution
- Ten selectable wavelength ranges which automatically calculate spectral power
- Compatible with Windows 7 (32 & 64 bit) and Windows XP Service Pack 3 (32 bit)
- Requires Microsoft Excel 2007 or newer

**LumaSpec 800**  
Optical Power Meter

**LumaSpec 800 Spectral Graph and Interface**



**Ordering Information**

Part Number	Description
LS800S	LumaSpec 800 optical power meter with 350nm-800nm wavelength range with a one meter fiber optic cable and 1"x3" slide format illumination target.
W4221	Spare/replacement fiber optic cable
*LSCAL	Calibration service

\*Calibration services - Prior Scientific recommends annual calibration of the LumaSpec 800 to ensure reliable and accurate performance. Contact your local Prior Scientific office for more information.

**Worldwide distribution**



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