

LumaSpec 800

Spectrophotometer for microscope illumination



The LumaSpec 800 is a compact spectrophotometer providing spectral power data for illumination systems. Using an illumination target in a standard slide format, the LumaSpec 800 is able to provide details for the illumination at the most important location - the sample plane. The device is connected to the PC by a single USB cable, streamlining the overall system. Using the intuitive software provided free with the device, the LumaSpec 800 provides quantitative and graphical information from 350 nm to 800 nm with 1.5 nanometre resolution, with the ability to import previously saved spectra for comparative purposes. Furthermore, it is simple to export and save the spectral data to Microsoft Excel.

The LumaSpec 800 can compare the performance of different illumination systems, illumination systems with different or no filter sets, as well as quantifying the consistency of illumination over time down to milliseconds to match exposure times, and assist with quantitative and/or radiometric imaging.

The LumaSpec 800 is compatible with Windows 7 (32 and 64 bit) and Windows XP Service Pack 3. Requires Microsoft Excel 2007 or newer.

Products available

Part number	Description
LS800S	LumaSpec 800 optical power meter (350 nm - 800 nm range) with 1 metre fibre optic cable and 25 mm x 75 mm slide format illumination target
W4221	Spare/replacement fibre optic cable

A calibration service can be provided by Prior Scientific.

Worldwide distribution

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