



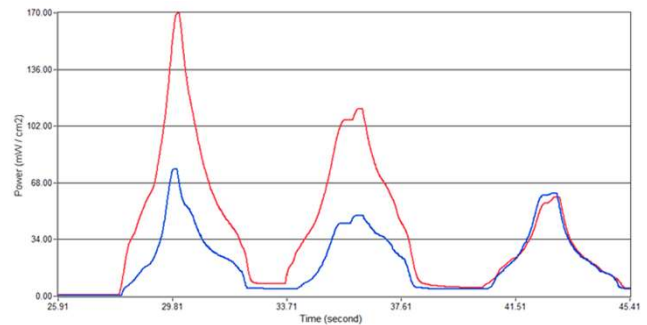
EIT Profilers: Radiometers With Benefits

EIT2.0™ Profiling Radiometers provide the irradiance profile—a graph of the Watts/cm² as a function of time. While some EIT units offer a low-resolution irradiance profile on the instrument display, the Profiling Radiometers offer the most valuable feature of transferring the data to EIT’s UV PowerView Software® III program to allow the user to easily calculate the irradiance and energy density values for each individual source.

EIT2.0™ Profiling Radiometers offer multiple features and benefits over ‘numerical’ radiometers.



| Features | Benefits |
|---|---|
| Identify maintenance needs of sources proactively | System downtime is reduced thus saving time and money |
| Identify non-focused lamps (lower irradiance value) | Process control is maintained during curing |
| Ability to check irradiance uniformity across the width of the system | Makes troubleshooting easier and improvements after maintenance can be quantified |
| Ability to assess impact of varying process speed and distance between UV source and curing surface | Process uniformity can be maintained with optimal process speed and distance |



High resolution irradiance profile from PowerView III showing 3 lamps with vastly different output and spectral signatures. UVA-blue and UVV-red

Profiling Radiometers paint a picture and allow you to quickly zero in on the portion of your UV line that needs maintenance to keep your production running which ultimately saves you time and money.

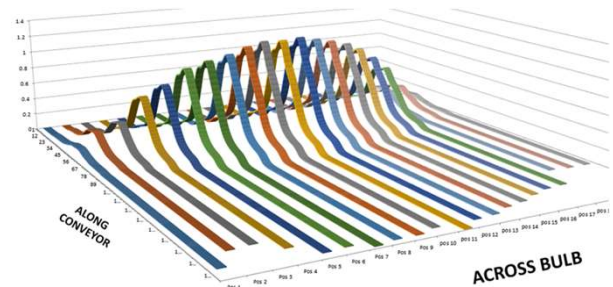
Contact EIT2.0 (uv@eit20.com) to learn more or see if your existing EIT ‘puck’ can be upgraded to a profiling radiometer.

EIT is now EIT2.0. Our new contact information is:

EIT2.0 LLC

900 Sycolin Road SE, Suite 130 Leesburg, VA 20175 USA

Phone: 571-578-3075 • Email: uv@eit20.com • Web: www.eit20.com



Data collected allows you to show the irradiance and uniformity across the entire bulb width. Courtesy Jenton International



EIT2.0 UV Profiling Solutions

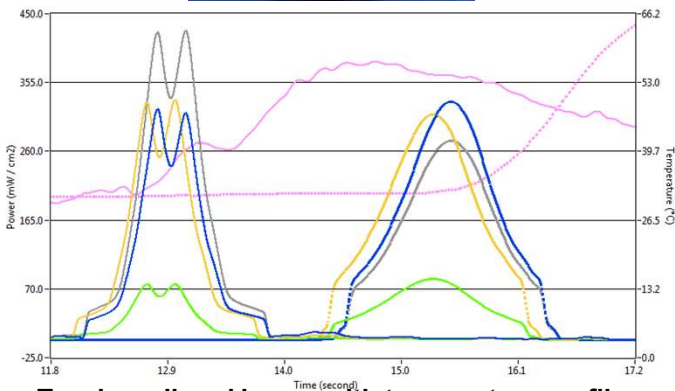
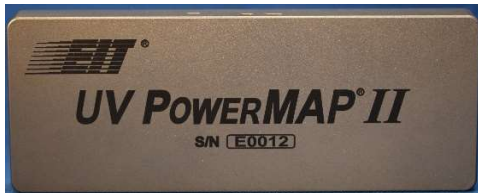
EIT2.0™ Profiling Radiometers are available for UV broadband (mercury) and LED systems. EIT “Puck Profilers” have an effective sample rate of 128 Hz while the “Map Profilers” have a user adjustable sample of rate of 128-2048 Hz. Map Profilers also offer the option to profile temperature in your process.

All EIT2.0™ Profiling Radiometers communicate with EIT PowerView Software III which allows you to easily:

- Track a single source or production line under different process conditions over time
- Evaluate and compare two different source types
- Add process or R&D information and notes to each file
- Transfer profiles and tables into reports & programs, export the .tdms file into Excel

UV Broadband (Mercury) Profilers

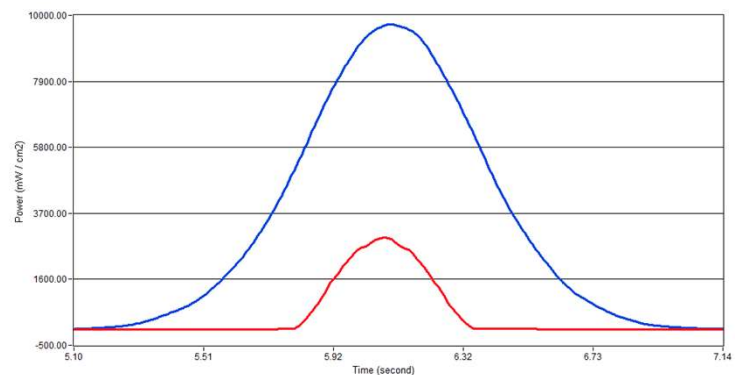
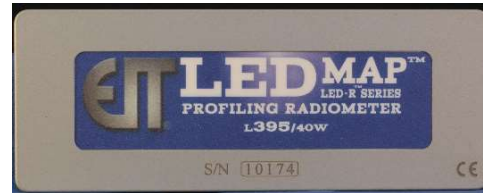
- UV PowerMAP® II
- Power Puck® II Profiler
- UviCure® Plus II Profiler



Two broadband lamps with temperature profile

UV LED Profilers

- LEDMAP
- LEDCure® Profiler
- LEDCure® Four Band Profiler



Comparison of the output of two different L-385 LEDs

CONTACT EIT2.0 TO DISCUSS THE BENEFITS OF A PROFILING RADIOMETER AND ‘SEE’ YOUR UV SYSTEMS IN AN ENTIRELY NEW TIME & MONEY SAVING WAY

Phone: 571-578-3075 • Email: uv@eit20.com • Web: www.eit20.com