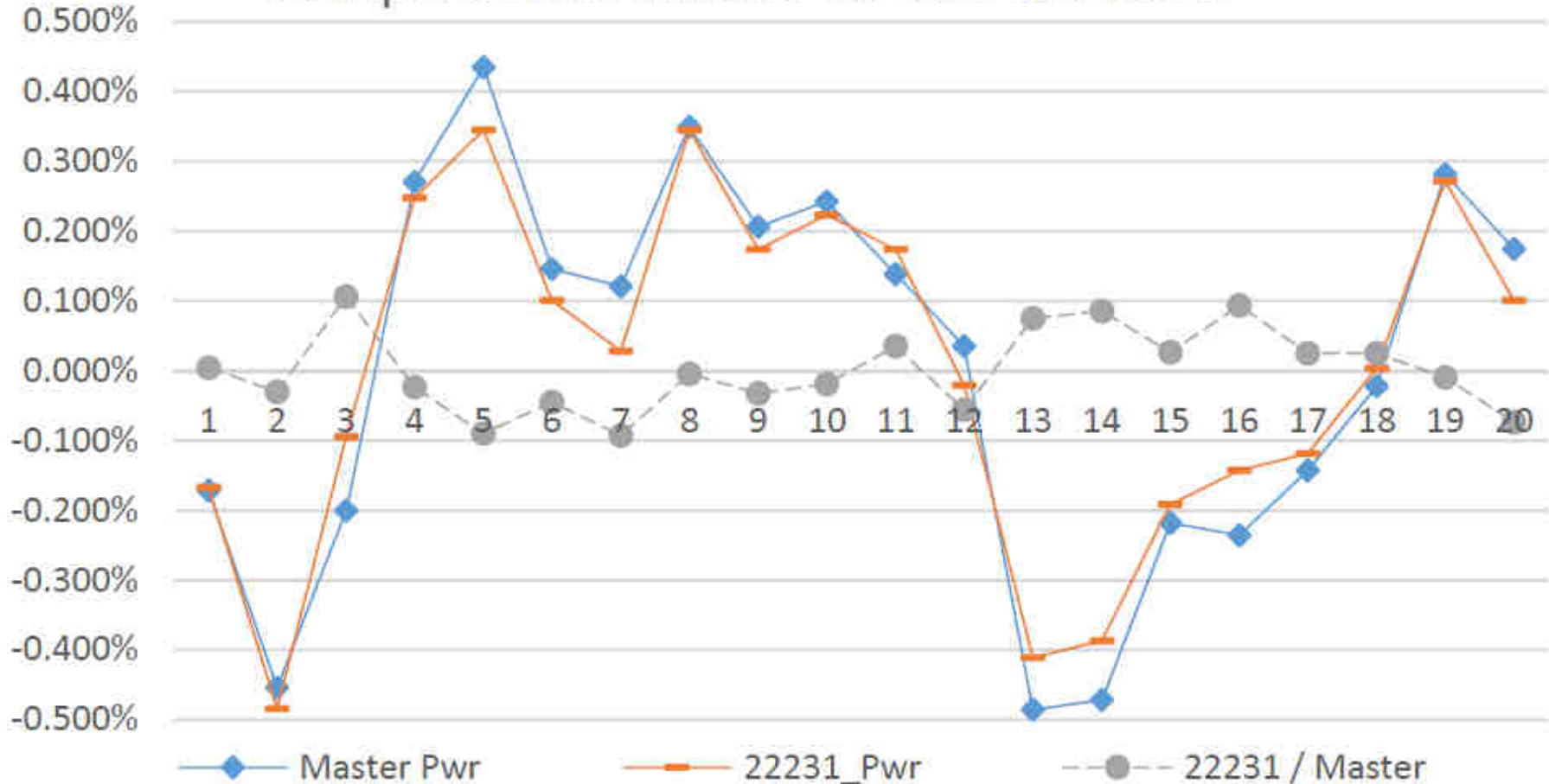


LEDCure L395 Performance

Comparison of Master to Unit SN22231





LEDCure L395 Feedback

Tested the LEDCure meter with a number of our lamps:

- Spectral response looks very good
- Based this on measurements of 385nm, 395nm and 405nm lamps
- The lamps were calibrated using a 3rd party meter with a known (measured) spectral response.
- A 365nm lamp showed very little response with the EIT meter, indicating the spectral response has a steep skirt

LEDCure L395 Feedback

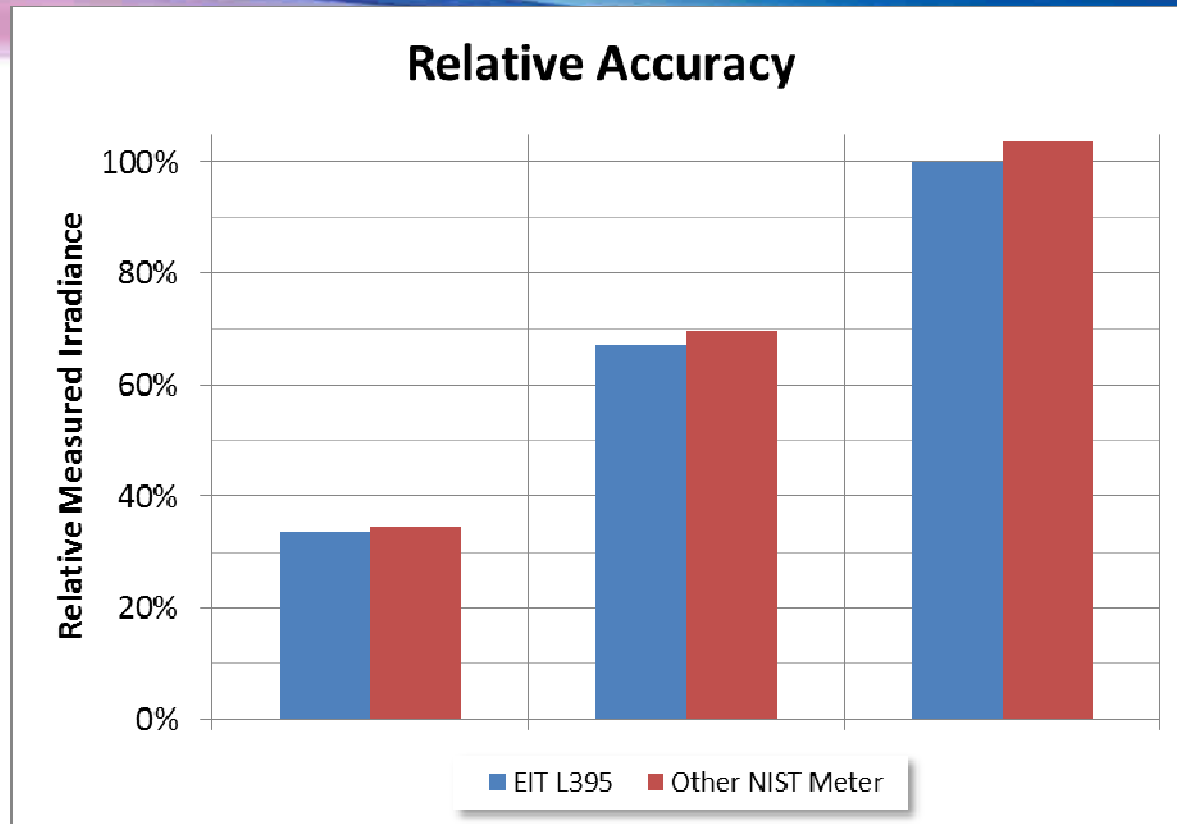


Tested the LEDCure meter with a number of our lamps:

- Very consistent peak irradiance and energy density measurements at various scan speeds
 - Scan speeds varied from 1.2 to 6 meters/min
 - Repeated measurements showed very little variation
- Good correlation to a NIST traceable meter from another manufacturer
- Additional testing scheduled for March with another LED source manufacturer



LEDCure L395 Feedback



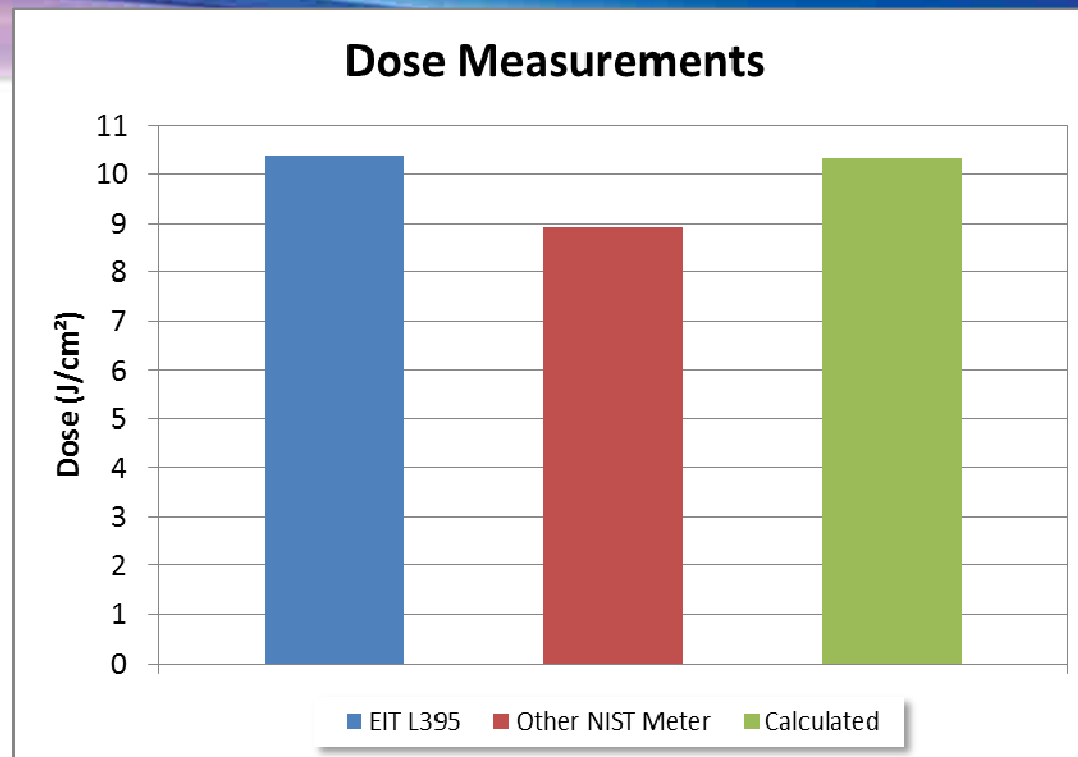
- A 395nm UV LED source was calibrated to 16W/cm² using the EIT L395.
- The UV LED source was then measured with another NIST traceable radiometer.
- The two radiometers matched to within 4% at different irradiance levels.



Data Courtesy of Phoseon Technology



LEDCure L395 Feedback



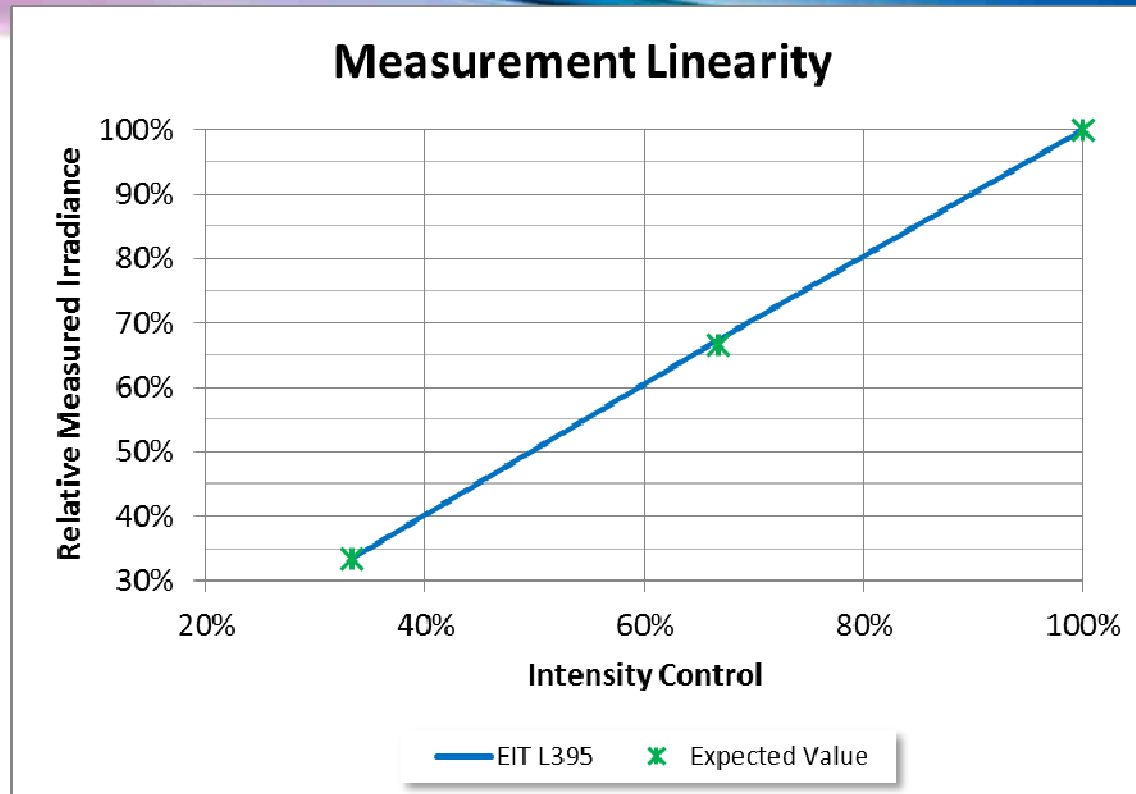
- Energy Density (Dose) measurements were taken at a speed of 20mm/sec (1.2m/min) and compared to the calculated value based on the short axis spatial response.
- The EIT measurement differed from the calculated value by less than 1%.
- The other NIST traceable radiometer differed from the calculated value by more than 13%.



Data Courtesy of Phoseon Technology



LEDCure L395 Feedback



- Measurements at different irradiance settings were made with the EIT L395 radiometer, and compared to the expected values.
- The L395's linearity across a 3:1 dynamic range is excellent.



Data Courtesy of Phoseon Technology



LEDCure L395 Performance

LEDCure vs National Standard

Working Distance (mm)	Primary Standard: Integrating Sphere (W/cm²)	LEDCure L395 (W/cm²)	Difference
5	9.01	9.23	2.4%
10	7.74	7.74	0.0 %
15	6.66	6.63	- 0.5%
20	5.74	5.83	1.6%
25	5.04	5.08	0.8%



Data Courtesy Lumen Dynamics/Excelitas

