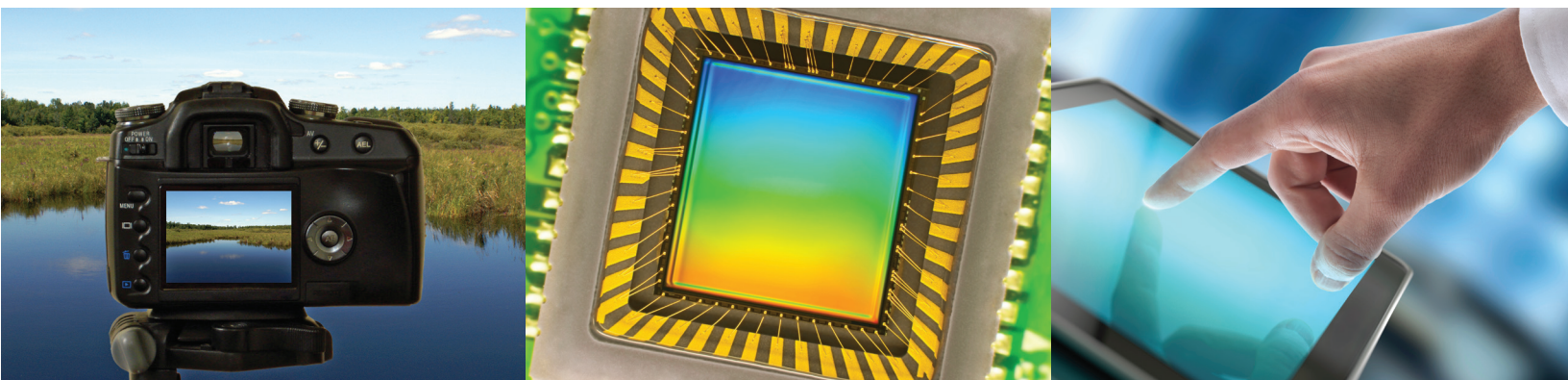


Image Sensor Test Solutions



Continuous improvement in image sensors demands ever better calibration tools. More and more businesses rely on modern measurement practices to be competitive and outstanding. We provide the knowledge, reliable equipment and services to empower your company for success today and into the future.



MEASURE
any light source

CREATE
any spectrum

REFLECT
any wavelength



Tunable Camera Calibration Sources



Correct vignetting and aberrations inherent with fisheye lensed imaging systems

Perform color balance over a wide range of spectral responses

Save time and space with RGB and multiple integrated illuminant spectrums from one source

Streamline quantum efficiency testing with compact robust designs featuring no moving parts

Shorten time between R&D and production with multiple design, adaptable firmware and triggering

Enhance production testing of image sensors and camera modules to ensure exceptional image quality

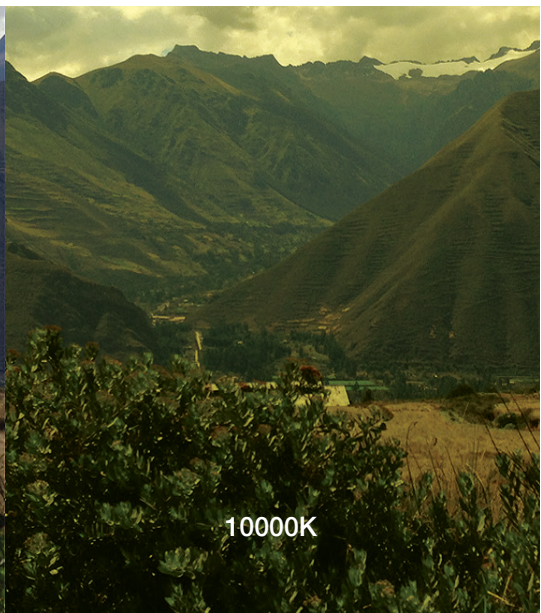


2500K



White Balance Example

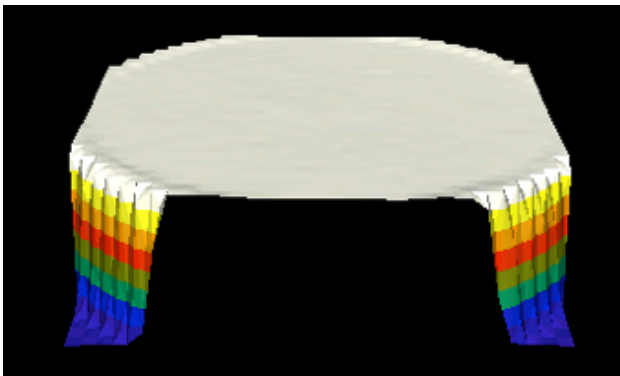
5000K



10000K



Tunable Ambient Light Sensor Calibration Sources



Luminance Uniformity Chart of Typical ALS

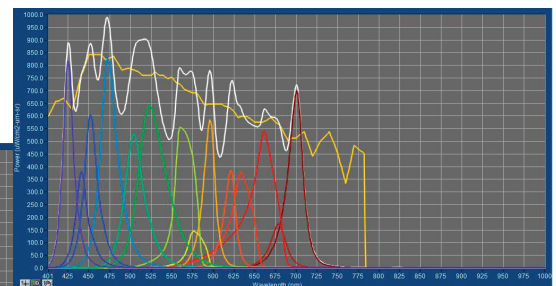
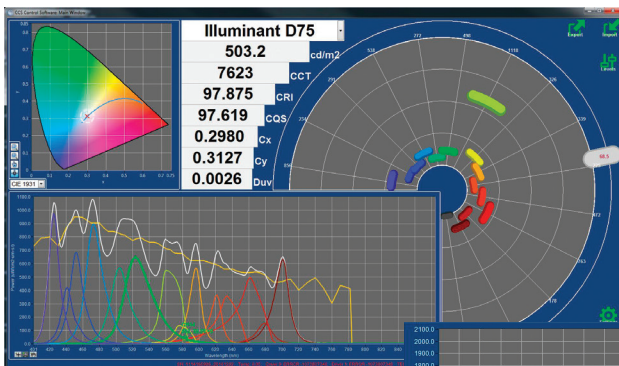
Simplify and enhance calibration of your smart ambient light sensors

Reproduce indoor and outdoor lighting conditions to calibrate your RGB ALS for mobile applications

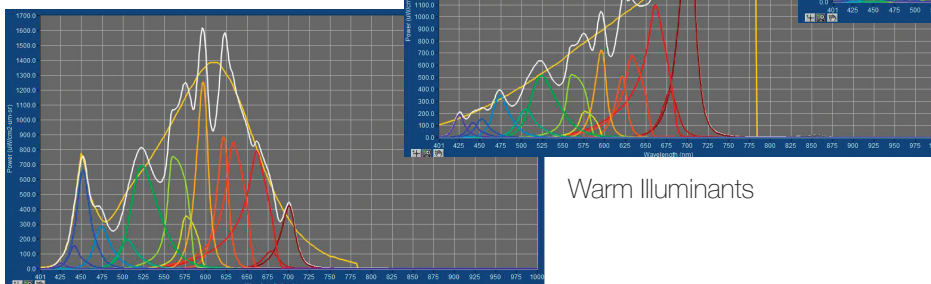
NIR sources for filter leakage and dark corrections

High illuminance and color stability for reliable results

Create your own spectral distributions for testing



Daylight Illuminants

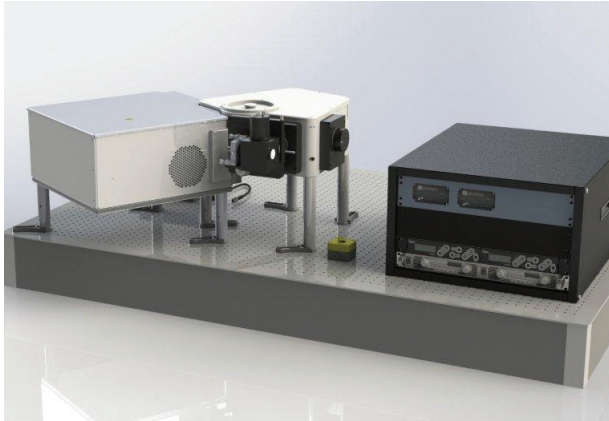


Warm Illuminants

Solid State Lighting



QE Reference Source Standards



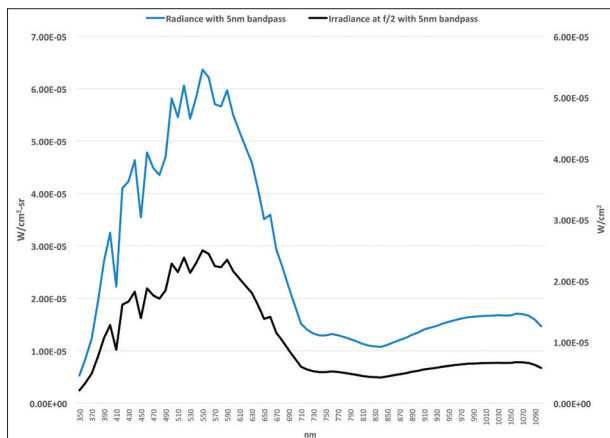
Turnkey calibration systems to get your products to market faster, saving you time and effort

Ideal solution for testing optical sensors for quantum efficiency and linearity over a large dynamic range

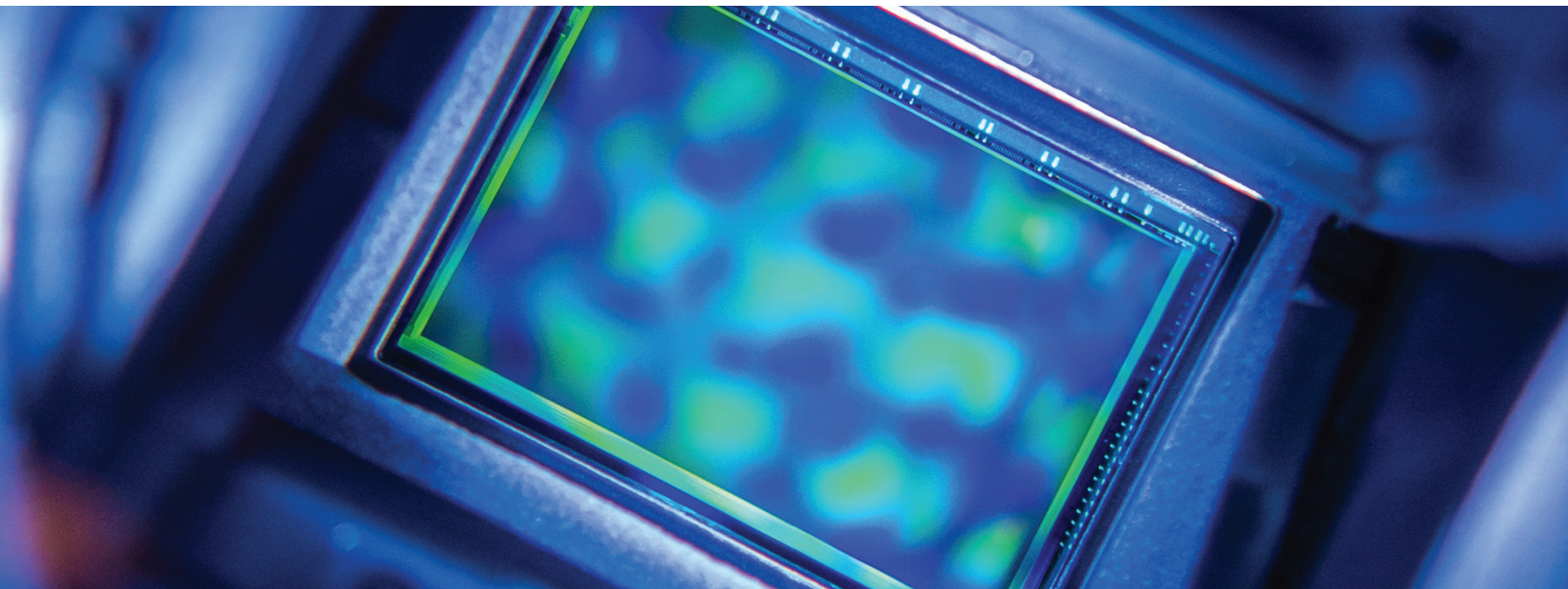
Sensor performance is sensitive to $f/\#$. Differentiate your products with the highest uniformity across the sensor over a broad range of $f/\#$ s

Results you can trust with real-time spectral output monitoring and NIST traceability

Software Development Kit for rapid development of user defined test protocols and source/sensor synchronization



Typical Maximum Spectral Irradiance/Radiance Levels





Solid State Luminance Standards

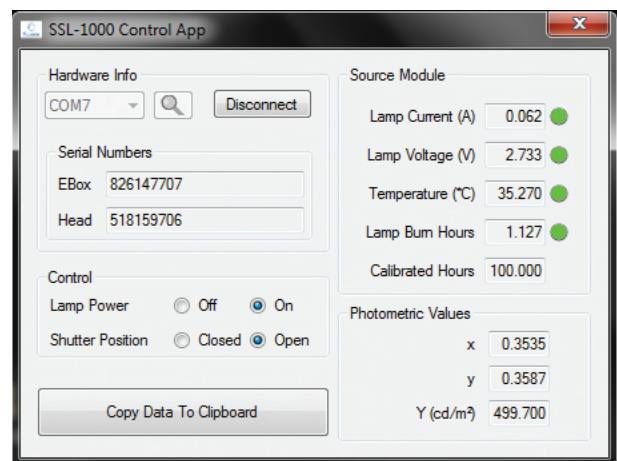


Enable accurate and reproducible calibration of LCD displays across devices

Improve display back-light reproducibility with these highly accurate luminance and color standards that correct imaging photometer errors

Reduce downtime with seamless production integration, handler mounting options and a powerful API

Increase uptime between calibrations with these robust light sources that are easy to clean and maintain



Industries & Markets We Serve

Internationally recognized companies utilize our technology each and every day.
Learn how we can help your business today.

