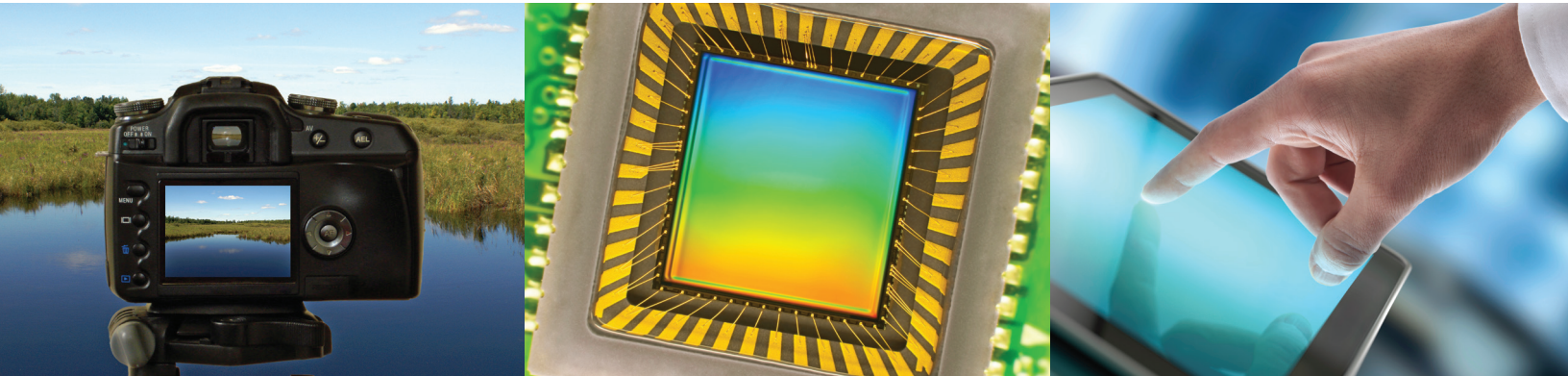


SpectrALL

Tunable Spectral Calibration Sources



Continuous improvement in imaging and sensing 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.



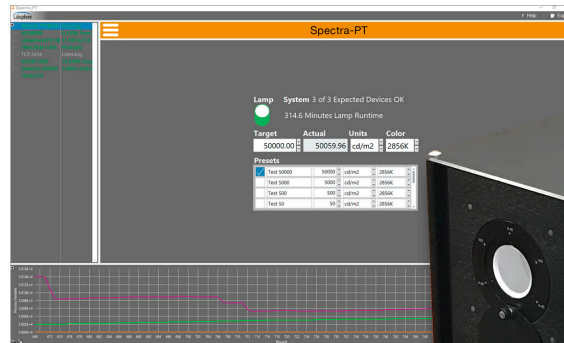
MEASURE
any light source

CREATE
any spectrum

REFLECT
any wavelength

Spectra-PT Power Tunable Spectral Calibration Sources

High dynamic range test and calibration of imaging and non-imaging devices



Types of test

Luminance Responsivity

Image Validation and Correction

Uniformity

Flat Fielding

Variable CCT

Ideal for calibrating

CCD and CMOS cameras

Small area remote sensing devices

Electronic imaging devices

Medical endoscopes

Ambient light sensors

Security cameras



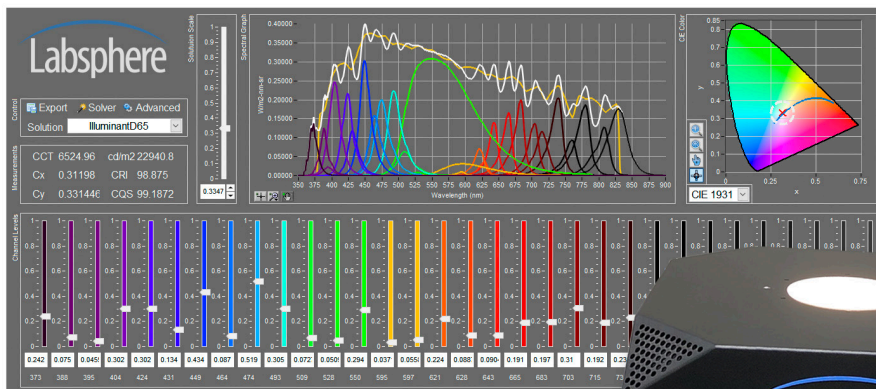
Spectra-CT Color Tunable LED Spectral Calibration Sources

Ideal for flat-fielding applications





Spectra-FT Fine Tunable VIS-NIR Spectral Calibration Sources



Accurately reproduce
almost any spectrum from
390 nm to 1000 nm

Correct vignetting and aberrations inherent
with fisheye lensed imaging systems

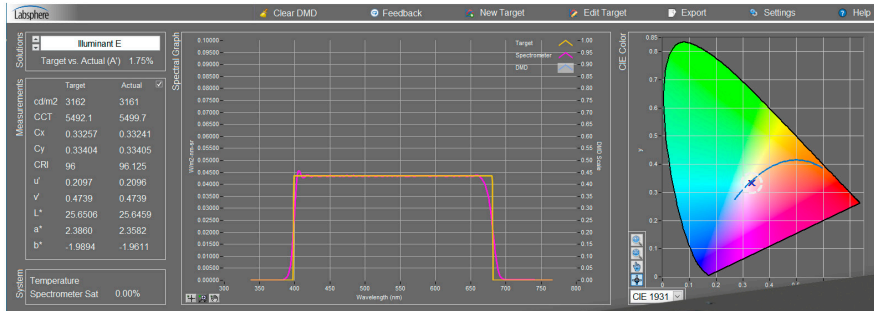
Perform color balance over a wide range
of spectral responses

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 configurations,
adaptable firmware and triggering

Spectra-UT Ultra Tunable Spectral Calibration Sources



Delivers
unprecedented spectral
matching resolution



Unmatched programmable high
resolution spectral outputs

Unlimited spectral reproduction over
the visible range

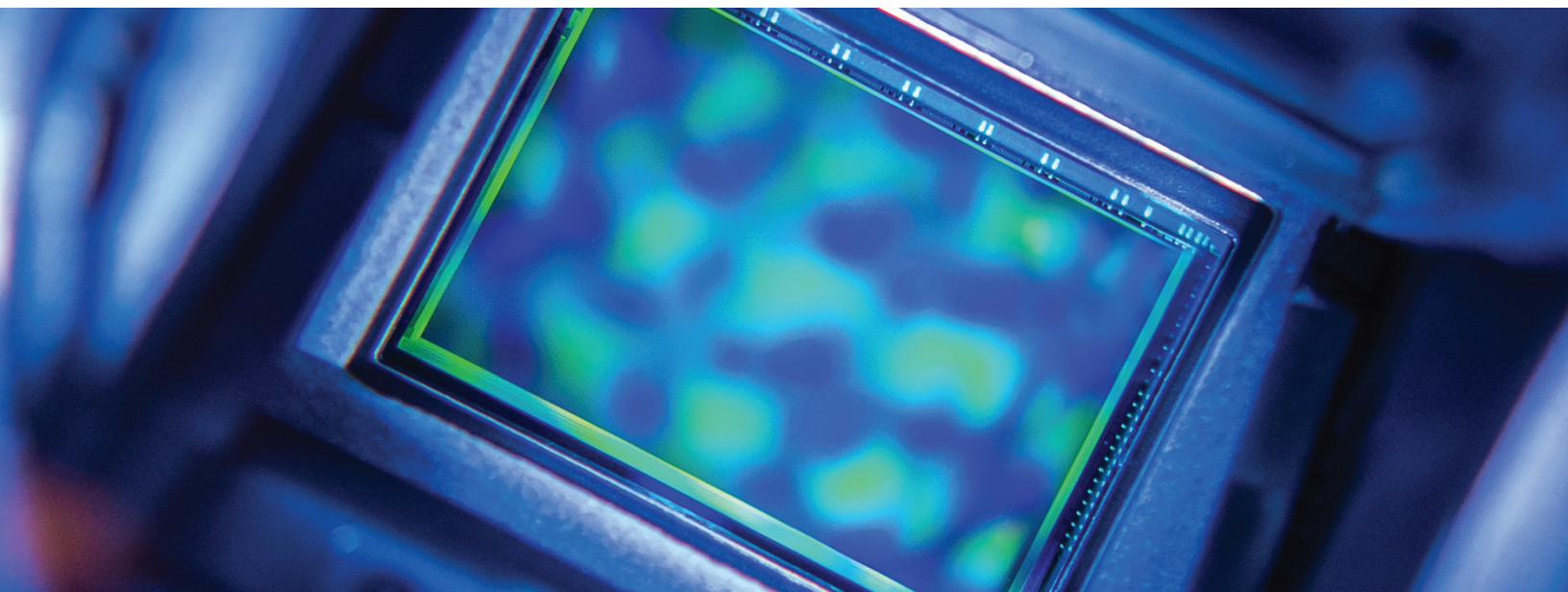
Accurately simulated OLED, MicroLED
and LED displays

Simulate RGB and broadband backlighting

Reproduce indoor lighting conditions

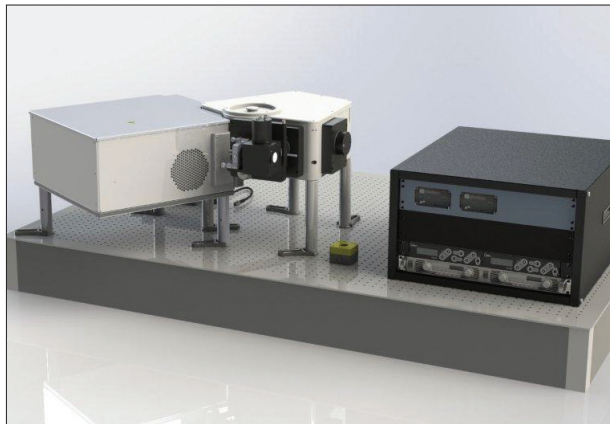
Spectrally pure, avoid channel cross talk
in multicoloring imaging

Traceable calibrations with integrated
QTH calibration lamp and spectrometer





Spectra-QT Quantum Tunable Irradiance/Radiance Calibration Source



Characterize spectral responsivity and quantum efficiency of your image sensors and camera modules

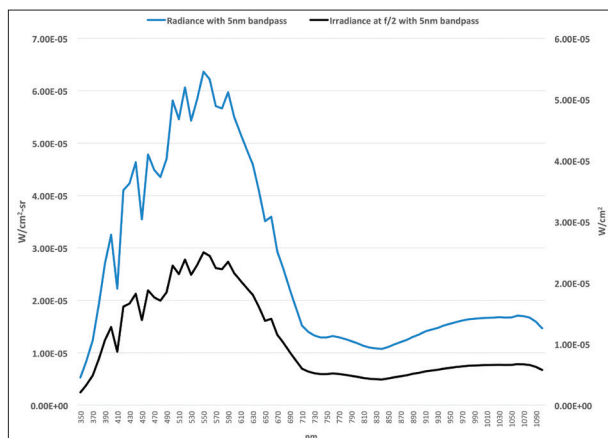
Turnkey calibration systems to get your products to market faster, saving you time and effort

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

Industries & Markets We Serve

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

