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Solid State Luminance Standards

Spectral Irradiance/Radiance Source Standard

Tunable Ambient Light Sensor Calibration Sources

Tunable Camera Calibration Sources

Ambient light sensors are designed to detect brightness in the same way as human eyes do. They are used wherever the settings in a system have to be adjusted to the ambient conditions as preceived by humans. Smart sensors can predict the indoor or outdoor lighting condition and make the appropriate corrections. This requires a smart calibration source.

Labsphere's TruLume Tunable Ambient Light Sensor Calibration Sources are the newest addition to Labsphere's growing line of sensor calibration solutions. The tunable sources simplify and enhance production testing of ambient sensors by eliminating multiple steps and sources in the spectral response optimization and correction process with a selection of uniform standard illuminants and colors to choose from one compact and robust system.

Ambient light sensor calibration
Auto white balancing
NIR dark correction
Filter leakage

Multiple integrated illuminant spectrums from one source save time and space
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

Download Datasheet for TruLume Tunable Ambient Light Sensor Calibration Sources

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