

**Draft: For Immediate Release**

## **Radiant Webinar Presents Standard Measurement Method for Quantifying “Sparkle” in Anti-Glare Displays**

**REDMOND, Wash. – September 29, 2020—** Radiant Vision Systems, a leading provider of display test and measurement solutions, announces that it will host a live webinar presenting a method for objectively and repeatably measuring the effect of sparkle on anti-glare (AG) display quality, according to human visual perception. The webinar, titled “[Defining a Sparkle Measurement Standard for Quality Control of Anti-Glare Displays](#),” will be broadcast live on Thursday, October 8, at 9:00 AM PDT (12:00 PM EDT; 18:00 CEST). The 45-minute broadcast includes a technical presentation by Radiant Automotive Business Leader, Matt Scholz, followed by a live Q&A session.



“Anti-glare films and coatings ensure the visibility of displays viewed in variable lighting conditions; for example, in automotive cockpits and cabins,” says Scholz. “The microstructure of AG coatings diffuses bright light to reduce mirror-like reflections. However, this structure can also compete with the pixel geometry of the display as light from each pixel is emitted through the film. Interaction between the display’s AG and pixel structures results in a visual effect called sparkle, which appears grainy to the human eye and can impact the perceived quality of the display. OEMs are concerned with quantifying sparkle in accordance with the perception of their users to apply the same tolerances for quality across all displays. Defining a standard display measurement system and approach provides objective and repeatable sparkle measurement values to enable these universal tolerances. A method for measuring the effect of sparkle as it correlates to human perception ensures that the user experience drives integration of only the highest-quality AG displays.”

Applying CIE-matched scientific imaging systems to measure a sample of AG displays, the Radiant Solutions Team conducted extensive lab tests to define optimal system specifications and parameters for obtaining repeatable sparkle measurement values. This testing, combined with on-site studies at automotive OEM facilities, supports a standard measurement method defined by Radiant that produces sparkle values that consistently reflect human perception of display quality. Using Radiant’s high-resolution [ProMetric® Imaging Colorimeters and Photometers](#) and [TrueTest™ Software](#), the Radiant Sparkle Measurement Method is the first to allow OEMs to set a universal numeric tolerance (for instance, a maximum sparkle percentage) for their displays, ensuring a consistent level of quality across all displays regardless of supplier, product, or time and location of testing.

SEE THE DIFFERENCE

The upcoming webinar will present the results of Radiant's sparkle measurement study, defining systems and parameters for repeatable measurement with objective data to support a standard approach. Presenting these results on behalf of Radiant's Solutions Team, Matt Scholz has over ten years of experience working on automotive metrology applications. Scholz has a fundamental understanding of the growing challenges in this industry, including increased performance and quality control for lighting, displays, and illuminated components. Scholz has led projects at all levels of the automotive supply chain, from Tier 1, 2, and 3 vendors to major OEMs worldwide, sharing his expertise on measurement equipment and providing a consultative approach to system integration for automotive applications.

For more information about Radiant or to register for the upcoming webinar broadcast on October 8, visit [www.RadiantVisionSystems.com](http://www.RadiantVisionSystems.com).

### **About Radiant Vision Systems**

Radiant Vision Systems works with world-class brands and manufacturers to deliver creative visual inspection solutions that improve quality, reduce costs, and increase customer satisfaction. Radiant's legacy of technology innovation in photometric imaging and worldwide install base date back more than 25 years and address applications from consumer electronics to automotive manufacturing. Radiant Vision Systems product lines include TrueTest™ automated visual inspection software for quality control, and ProMetric® imaging colorimeters, photometers, and light source measurement systems. Radiant is headquartered in Redmond, Washington, USA, with strategic offices in California, Michigan, China, Vietnam, and South Korea. Radiant has been a part of Konica Minolta's Sensing Business Unit since August 2015. For more information, visit [www.RadiantVisionSystems.com](http://www.RadiantVisionSystems.com).

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