RADIANT
VISION SYSTEMS

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For Immediate Release

Radiant Booth Showcases Over 10 Demos of Light & Color Measurement for Display Quality at Display Week 2019

REDMOND, Wash. – April 10, 2019 — Radiant Vision Systems, the leading provider of automated visual inspection for electronic display devices, announces that it will showcase its latest measurement solutions for ensuring the quality of displays, illuminated components, and device surfaces at Display Week 2019. From booth #1220, Radiant will give live demonstrations of high-resolution photometric imaging systems, software, and specialized lenses for evaluating the unique characteristics of light and color in displays used in smart devices, automotive integrations, augmented and virtual reality (AR/VR), and other emerging applications. The Display Week Exhibition takes place May 14-16 at the San Jose McEnery Convention Center in San Jose, California, U.S.A.

Organized by the Society for Information Display (SID), Display Week is the world's leading event for electronic display innovation. A Gold Corporate Member of SID, Radiant Vision Systems has spent over twenty-five years creating measurement solutions to meet exact customer needs in the display industry. This year, Radiant has fortified its display test portfolio with new application-specific automotive display test software, optical solutions to ensure the accuracy of near-infrared sensing technologies used for facial and gesture recognition, and photometry-based systems to inspect cover glass and surfaces for cosmetic defects and debris. From booth #1220, visitors will get a firsthand look at how Radiant applies these solutions to address measurement challenges for all aspects of a display device, using objective measurement data to quantify human visual perception of quality.

The Radiant booth will feature more than 10 product demonstrations, each addressing an emerging technology or efficient measurement method in the display market:

Production-Level Testing: Radiant will underscore the form factor, efficiency, and automation benefits of its single-camera/software solutions in demonstrations of production-level testing for quality control—including uniformity analysis of three different types of displays on a line (LCD, OLED, and E Ink), regional testing of local-dimming displays (LED backlit LCD), and a "demura" method that is used to resolve pixel-level non-uniformity in OLED displays.

Emerging Technologies: Released this January, Radiant's new Near-Infrared (NIR) Intensity Lens (Silver-level honoree of the Vision Systems Design *2019 Innovators Awards*), expedites the process of measuring near-infrared light sources used for facial & gesture recognition, eye

tracking, LiDAR, and other 3D sensing technology. Alongside the NIR Intensity Lens, Radiant will showcase optical solutions for display view angle performance (using a Fourier-optic conoscope for single-image angular analysis), in-headset VR display testing, and evaluation of augmented projections through AR smart glasses.

Automotive Displays: Radiant will debut new capabilities of its TrueTest™ Software at Display Week, which address specific measurement needs in the automotive industry. These include a series of tests for head-up display (HUD) optical performance testing (the new TT-HUD™ module) and algorithms for easy analysis of free-form display area (an enhanced "Register Inside Display Area"—or RIDA—feature for evaluating non-rectangular displays). Adjacent to these demos, visitors can rate the visual effect of "sparkle" on automotive anti-glare displays and compare their perception of display quality to measurements taken by a Radiant imaging photometer.

Surface Inspection: Beyond light and color measurement, Radiant will demonstrate how the application of photometry-based systems can be extended to inspect non-lit assemblies and surfaces for total device quality. Radiant's advanced vision technology leverages the company's high-resolution and low-noise CCD imagers—engineered to detect subtle variations of light—and applies these advantages to precision defect inspection of randomly-occurring anomalies such as scratches and debris on cover glass and surfaces. Visitors are invited to try the Radiant surface inspection solution at the booth, testing their own smartphone device to see what surface defects the photometry-based system is able to detect on the fly—even those invisible to the eye.

Complimentary Exhibit Passes to Display Week are available using Radiant **Discount Code (3ygmhLqh)** to waive the $30 exhibit fee. Visit www.displayweek.org to register, and learn more about Radiant Vision Systems by visiting booth #1220 at Display Week 2019 or online at 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, 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.

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