RADIANT
VISION SYSTEMS

A Konica Minolta Company

For Immediate Release

Radiant Honored by Vision Systems Design 2019 Innovators Awards Program

REDMOND, Wash. – April 8, 2019 — On April 8, Radiant Vision Systems—a leading provider of visual test and inspection solutions for lighting and display devices—was presented with a Silver-level award in the "Cameras – non-visible" category at the Fifth Annual Vision Systems Design Innovators Awards presentation, held during Automate in Chicago, IL. Radiant's NIR Intensity Lens was recognized by a panel of esteemed experts from system integrator and end-user companies.

Release on January 7, 2019, Radiant's Near-Infrared (NIR) Intensity Lens is designed to measure radiant intensity of angular light distributions and patterns produce by NIR LED and laser sources used in non-visible 3D sensing applications. Radiant's NIR Intensity Lens is mounted directly to a Radiant ProMetric® Y16 (16-megapixel) Imaging Radiometer and employs Fourier optics to enable single-image analysis of the full angular distribution of a NIR light source to ±70 degrees. The Radiant NIR Intensity Lens greatly reduces the time and complexity of comprehensive NIR source characterization, enabling production-level analysis.

"Traditional methods for angular light measurement—such as goniometric systems—capture comprehensive angular distribution data, but may take hours for a complete analysis," says Doug Kreysar, Executive Vice President and Chief Solutions Officer at Radiant Vision Systems. "The NIR Intensity Lens is able to capture the complete three-dimensional distribution of NIR light in a two-dimensional image for light source analysis in less than a second—even evaluating tens of thousands of emission points in structured light patterns produced by diffractive optical elements, common in facial recognition applications. We are honored to receive Vision Systems Design's Innovators Award in recognition of this engineering effort, which provides the first commercially available Fourier optic solution for NIR measurement."

Alan Bergstein, publisher of Vision Systems Design (http://www.vision-systems.com) said, "This prestigious program allows Vision Systems Design to celebrate and recognize the most innovative products and services in the vision and image processing industry. Our 2019 Honorees are an outstanding example of companies who are making an impact in the industry."

The Innovators Awards are judged based on the following criteria:

- Originality
- Innovation
- Impact on Designers, Systems Integrators, End Users
- Fulfilling a need in the market that hasn't been addressed
- Leveraging a novel technology

The 2019 Visions Systems Design Innovators Awards Honorees are featured in the June Issue of

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Vision Systems Design magazine as well as on http://www.vision-systems.com. Companies were recognized in the following categories:

- Cameras - visible
- Cameras – 3D
- Cameras – non-visible
- Cameras – Specialty (High-speed, scientific)
- Connectivity: Cables, connectors, extenders, interfaces, etc.
- Embedded vision: Cameras, computers, boards, processors, development kit, components
- Frame grabbers and boards
- Image sensors
- Lighting, lenses, and optics
- Robotics
- Software
- Unmanned
- Vision systems

About Vision Systems Design
Published since 1996, Vision Systems Design is a global resource for engineers, engineering managers and systems integrators that provides comprehensive global coverage of vision systems technologies, applications, and markets. Vision Systems Design's magazine, website (www.vision-systems.com), email newsletters and webcasts report on and analyze the latest technology and business developments and trends in the worldwide machine vision and image processing industry.

About The Vision Systems Design 2019 Innovators Awards program
The Vision Systems Design 2019 Innovators Awards program reviewed and recognized the most innovative products and services in the vision and image processing industry. Honorees were announced at Automate 2019 held in Chicago, IL. Criteria used in the Innovators Awards ranking included: originality, innovation; impact on designers, systems integrators, and end-users; fulfilling a need in the market that hasn't been addressed, leveraging a novel technology, and increasing productivity.

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, 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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