

FOR IMMEDIATE RELEASE

## CCS releases SWIR LED lights over 1000 nm for non-visible imaging



**Kyoto, Japan, 25 November 2020** – CCS has expanded its standard lineup of LED infrared lights to include wavelengths over 1000 nm (1050, 1200, 1300, 1450, 1550, and 1650 nm), extending the benefits of LED technology to non-visible imaging for image processing inspection in the shortwave infrared (SWIR) range.

Demand for SWIR imaging solutions has increased due to its ability to perform inspections that are not possible with visible light, such as imaging moisture content and imaging through opaque packaging. Recent advancements have made SWIR sensors more compact with higher resolution and increased sensitivity to cover the range from 900 to 2500 nm.

CCS's new SWIR lights have 3.4x the intensity of conventional infrared lights to capture clear images even with shorter shutter speeds and faster inspection lines. The initial launch features a SWIR bar light to suit a variety of applications, with plans to introduce ring, flat, dome and spot lights as well.

As the leader in machine vision lighting solutions, CCS is committed to delivering innovative solutions and helping customers find and test their optimal lighting so they can see what needs to be seen.

For more information, please do not hesitate to contact us or visit our website at [www.ccs-grp.com](http://www.ccs-grp.com).

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### About CCS

CCS Inc. is the global leader in LED lighting and power supply for machine vision applications, pioneering advances in Illumination and Photonics products and technologies. Headquartered in Kyoto, Japan, CCS offers a wide range of machine vision lighting solutions: high-precision area and line scan illumination with special functions and intelligent lighting as well as plug & play lighting solutions. With over 25 years of expertise and 29 locations worldwide, CCS manufactures the highest quality, largest selection of standard and custom products in the industry—realizing solutions that provide customers with the visibility they need for machine vision.

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