

FOR IMMEDIATE RELEASE

CCS OLB-LT Series awarded silver by 2022 Innovators Awards Program



Kyoto, Japan, June 9, 2022 – CCS Inc. was recognized among the best in machine vision by the judges of the Vision Systems Design 2022 Innovators Awards program with a Silver Award for OLB-LT Series. Using organic LED (OLED) technology with a bended design, it offers a new lighting solution for backlight inspection on cylindrical samples or curved production lines.

The OLB-LT Series uses bendable OLEDs and spring member so that the bending radius can be designed at 100 mm or larger with either an inner or outer light emission surface. CCS manufactures the lights according to the customer's requested bend radius.

The multi-layer design achieves a high brightness that supports clear image capture at speeds typical for machine vision. OLED technology achieves the high uniformity required to image minute defects. To further improve quality, CCS specially sorts the OLEDs in the manufacturing process inspection.

OLEDs also produce less heat compared to LEDs because they are surface-emitting and thin, consequently generating less heat that could negatively affect product quality.

OLEDs are a thin and lightweight light source that allows the housing of the OLB-LT Series to be as thin as 3 mm. With this thinness and lightweight design, it is more compact than is possible for an LED light. The lights can fit in even narrower spaces for greater flexibility in installation and operation. To design more compact systems, machine builders can use the OLB-LT Series to make full use of available space, even when extremely limited.

A demo kit is available to choose from six different bending radii for both the inner and outer light emission surface type.

This marks the fourth consecutive year that CCS has been honored by the Innovators Awards program. CCS will continue developing innovative solutions to solve customers' evolving lighting challenges.

About the Vision Systems Design 2022 Innovators Awards

The Vision Systems Design 2022 Innovators Awards program reviews and recognized the most innovative products and services in the vision and image processing industry. 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.

For more information, please do not hesitate to contact us or visit our website at <https://www.ccs-grp.com/products/series/354>.

From 1993, CCS advanced the machine vision industry by developing LED lighting for inspection that Created Customer Satisfaction for both manufacturers and their consumers, who demanded safe, high-quality goods. Today, CCS leads the machine vision world in innovation with thousands of products including lights, controllers, and accessories. CCS's global network of employees is dedicated to helping manufacturers capture the most important details in an inspection, so that their customers never receive anything less than their highest quality.

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