

October 2, 2024

KANEKA CORPORATION

## Kaneka OLED Desk Lamp Wins the 18th Kids Design Award

Kaneka Corporation (Headquarters: Minato-ku, Tokyo; President: Kazuhiko Fujii) announces that the Kaneka OLED Desk Lamp\*<sup>1</sup>, which uses Kaneka OLED lighting panels manufactured and sold by Kaneka received the Kids Design Award in the Design Category to contribute to the safety and security from children at the 18th Kids Design Award (hosted by the Kids Design Association, a specified nonprofit organization)\*<sup>2</sup>.

The Kids Design Award was established in 2007 as an award system with the aim of selecting and widely publicizing excellent work that addresses social issues related to children and childcare, from among products, services, spaces, activities, and research that meet the objectives of “ensuring children live safely and with peace of mind,” “nurturing children with rich sensitivity and creativity,” and “creating a society in which it is easy to give birth to and raise children.”

Kaneka OLED lighting gives little glare due to its soft and surface-emitting light and is less likely to cast shadows because the diffused light illuminates objects evenly. The light also has a unique wavelength which enables highly visibility regardless of the low illumination, and because it contains little blue light, it becomes easier to reduce eye fatigue, and it has the effect of making it more likely to maintain your posture when working, making it easier to sustain concentration\*<sup>3</sup>. These features are expected to contribute to the safety and security of children in learning environments and reading situations, and this is why we were awarded this prize.

In addition, the “Children's Wellness Creation Business Consortium\*<sup>4</sup>” in which our company participates, a joint industry-government-academia initiative, also received the Kids Design Award in the Design Category for Creativity and the Future of Children\*<sup>5</sup>.

Based on our mission of “Kaneka thinks 'Wellness First'.”, Kaneka provides value globally as a solutions provider. In the future, we will continue to make the most of the features of OLED lighting, and we will also focus on children's growth, actively working to create healthy rooms for children and better learning environments for schools and cram schools.

\*1. Available from various online shops, including the Kaneka Online Shop (<https://www.kaneka.co.jp/onlineshop>).

\*2. Summary of the award-winning work

**Title : Kaneka OLED Desk Lamp**

< Scenes >

Reading ( reading aloud ) and study environments

< Who >

Early childhood, children, students, adults

\* It is also effective for reading and desk work by adult

< What >

Compared to conventional LED lighting

(1) It has fewer blue light components and more blue-green components, which improves visible regardless.

(2) surface-emitting light emit evenly, less likely to cast shadows.

(3) There is less glare.

This is a desk lamp with a natural, comfortable, and gentle light that makes you forget you have the light on



\*3. A comparison study was conducted between OLED lighting and conventional lighting (LED lighting) under conditions that simulated the use of a desk lamp at home or elsewhere by elementary and junior high school students. Kaneka presented the results at the 56th Annual Meeting of the Illuminating Engineering Institute of Japan in 2023.

\*4. An organization comprising Center for Health Science Innovation of Osaka Metropolitan University, Tezukayama Gakuin University, Gakken Educational Co., Ltd., Kaneka Corporation, Health Lab Station, COPEL Consulting Co., Ltd., Sumitomo Life Insurance Company, Sekisui House, Ltd., and Duskin Co., Ltd. It aims to create and promote the commercialization of wellness solutions based on scientific evidence that contribute to the healthy development of children.

\*5. Title of the entry: Problem-Solving Learning Program - Solving Social Issues through Industry-Academia Collaboration

Award details: <https://www.omu.ac.jp/orp/chsi/info/news1/entry-44234.html>

In this program, we are providing “problem-solving learning related to light and sleep” to approximately 150 second-year students at Osaka Municipal Mitsushima Junior High School (Yodogawa-ku).