

Shanghai (China)

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HELLA won the 2022 Automotive Electronics Science and Technology Award for Its High-resolution Lighting Electronics Control System

- HELLA's high-resolution lighting electronics control system allows for the intelligent and independent control of up to 25,000 pixels.
- The award is a recognition of HELLA's strong strength in lighting electronics, which highlights HELLA's unique advantage to combine automotive lighting and electronics technologies to provide innovative solutions for its customers.

HELLA, the automotive supplier operating under the umbrella brand FORVIA, was invited to attend the China (Shenzhen) International Automotive Electronics Industry Annual Conference held in Baoan District, Shenzhen on June 10, 2023, where it won the 2022 Automotive Electronics Science and Technology Award by virtue of its high-resolution lighting electronics control system. The Automotive Electronics Science and Technology Award is an award that has been established by the Shenzhen Automotive Electronics Industry Association, and is given to companies to recognize their significant contributions to scientific research, technological innovation, and development in automotive electronics as well as the promotion and application of automotive electronics in the automotive industry.

"The Digital Light SSL | HD is the world's first high-resolution headlamp based on solid state matrix LED technology with up to 25,000 LED pixels, and new safety-related lighting functions can be realized with this product. You can't have precise control over 25,000 LED pixels without advanced lighting electronics, which manages the headlamp complex power regulation" says Dr. Chen Tian, responsible for Business Division Electronics Product Segment Lighting Electronics in China. "The award not only recognizes HELLA's strong strength in lighting electronics, but also underscores our unique advantage to combine automotive lighting and electronics technologies to provide innovative

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solutions for our customers."

With this high-resolution lighting electronics control system, up to 25,000 pixels can be controlled intelligently and individually, thus bringing about numerous new safety functions like optical lane markings. This can, for example, indicate the optimal lane to take when driving past road works and thus provide the driver with additional support to achieve safe and stable vehicle guidance. Other established safety-relevant lighting functions such as adaptive, glare-free high beam are improved as well. Furthermore, original equipment manufacturers and end customers can use SSL | HD technology to implement and experience further options allowing enhanced individualization, such as coming and leaving home animations as well as communication functions. One attractive use-case for Chinese customers is to project greeting words and pictures before every traditional festival when the driver gets closer to the car. It also provides further opportunity for aftermarket value-added service.

The Digital Light SSL | HD electronics control system reached the market together with SSL HD headlamp earlier this year.

Please note: This text and corresponding photo material can also be found in our press database at:

www.hella.com/press

ABOUT HELLA

HELLA is a listed, internationally positioned automotive supplier operating under the umbrella brand FORVIA. Within this factual group, HELLA stands for high-performance lighting technology and automotive electronics. At the same time, the Company covers a broad service and product portfolio for the spare parts and workshop business as well as for manufacturers of special-purpose vehicles with its Lifecycle Solutions business group. HELLA has around 36,000 employees at more than 125 locations worldwide and generated sales of €4.4 billion in the seven-month short fiscal year 2022. www.hella.com

ABOUT FORVIA

FORVIA comprises the complementary technology and industrial strengths of Faurecia and HELLA. With over 290 industrial sites and 76 R&D centers, 157,000 people, including more than 15,000 R&D engineers across 40+ countries, FORVIA provides a unique and comprehensive approach to the automotive challenges of today and tomorrow. Composed of 6 business groups, and a strong IP portfolio of over 14,000 patents, FORVIA is focused on becoming the preferred innovation and integration partner for OEMs worldwide. FORVIA aims to be a change maker committed to foreseeing and making the mobility transformation happen. www.forvia.com