PRESS RELEASE

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FORVIA HELLA launches fully localized high-resolution headlamp system SSL | HD in China for the first time

- The high-resolution headlamp system is being integrated into the new Zeekr 8X
- Development and production of the SSL | HD lighting technology are being carried out completely in China for the first time
- 25,000 intelligently and individually controllable LED pixels per headlamp create intelligent lighting functions
- New features enabling light-based communication between the vehicle and its surroundings have been implemented for the first time in the Zeekr 8X

International automotive supplier FORVIA HELLA has fully localized its digital, high-resolution headlamp system SSL | HD in China for the first time in the context of a new series project. Both series development as well as manufacturing take place at FORVIA HELLA sites in China; the upstream supply chain is also based locally in China. The SSL | HD lighting system is being integrated into the new 8X from Zeekr, an electric brand of the Chinese Geely Group. The Zeekr 8X was unveiled for the first time in early January of this year and has been available in China since mid-last month.

“The successful start of series launch for our high-resolution SSL | HD headlamp marks another important step in our product strategy to continuously roll out this leading lighting technology and address new customer groups and markets,” says Juan Manuel Mollá, Managing Director Lighting at FORVIA HELLA. “To industrialize this customer project in close collaboration with Zeekr, localizing on the ground in China was essential. It enabled us to operate close to the market and the customer, bring the project into series production with cost competitiveness and high development efficiency, and meet the specific requirements of the Chinese market with precision. On this basis, we have been able to align the high technology standards for which FORVIA HELLA is known with ‘China speed.’ This underscores our strategic approach to consistently intensify our activities in the Chinese market and further expand our business with local manufacturers there.”

New features enabling light-based communication between the vehicle and its surroundings have been implemented for the first time in the Zeekr 8X

In the new Zeekr 8X, a high-resolution LED chip smaller than a fingernail generates around 25,000 individually and intelligently addressable pixels per headlamp. Based on this highly precise pixel control, SSL | HD headlamps can realize new safety- and comfort-relevant lighting functionalities. For example, during highway driving or in narrow construction zones, they can dynamically project an optical lane-keeping assist onto the roadway to provide additional guidance for safe vehicle control. For the new Zeekr 8X, projections to enable communication between the vehicle and other road users were also implemented for the first time, such as warning projections if a parked vehicle has been grazed by another car.

FORVIA HELLA's SSL | HD technology is a consistent further development and miniaturization of matrix LED systems already established in the market. Compared to conventional headlamps, an SSL | HD lighting system can reduce the required installation space by up to 75 percent, thereby saving weight and opening new degrees of freedom in vehicle design. In addition, new lighting functions can be implemented purely via software through over-the-air (OTA) updates, without the need for any hardware modifications.

Didier Keskas, who is responsible for the lighting business in the Asian region at FORVIA HELLA, says: "Our collaboration with Zeekr on the new 8X is a lighthouse project for us – because we have succeeded in an exceptional way in combining technology, quality, and development efficiency, especially with this demanding lighting system. To achieve this, we simplified our processes in a targeted manner and ran certain stages in parallel; we consistently scaled a proven product platform and kept our supply chains short and local. The result is clear: within a short development time, we brought a headlamp into series production that is highly innovative yet affordable. We will continue this approach, further strengthen our position in China, and support our local customers in the market as a close partner in their internationalization."

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FORVIA is a global automotive technology supplier bringing together the complementary technology and industrial strengths of Faurecia and HELLA. The Group delivers a unique and comprehensive approach to the automotive challenges of today and tomorrow, spanning innovation, integration and industrial scale. FORVIA employs over 137 500 people, including more than 12,000 R&D engineers across 40+ countries worldwide. With 6 business groups and a strong intellectual property portfolio of over 12,400 patents, FORVIA is focused on becoming the preferred innovation and integration partner for OEMs globally. In 2025, the Group generated €26.2 billion in consolidated revenue prior to IFRS 5. FORVIA SE is listed on the Euronext Paris under the ticker FRVIA and is a component of the SBF 120 index. FORVIA aims to be a change maker committed to anticipating and driving the transformation of mobility. **www.forvia.com**

FORVIA HELLA is a listed international automotive supplier. As a company of the FORVIA Group, FORVIA HELLA stands for high-performance lighting technology and vehicle electronics and, with the Lifecycle Solutions Business Group, also covers a broad service and product portfolio for the spare parts and workshop business as well as for manufacturers of special vehicles. With currently around 34,000 employees at over 125 locations, the company is active worldwide and generated adjusted sales of €8.0 billion in the fiscal year 2025. **www.hella.com**