PRESS RELEASE

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Lighting Kit: FORVIA HELLA Launches Most Compact LED Light Module for Special Vehicles

- Compact and lightweight: Up to 45 percent less installation depth and up to 70 percent less weight for greater design and integration flexibility in the vehicle
- Modular light platform: one architecture, many variants – low beam/high beam flexibly combinable
- High light output: Up to 77 percent more light performance depending on configuration for better visibility at night and in difficult conditions
- Easy system integration: 1:1 replacement with identical mounting points and global homologation

International automotive supplier FORVIA HELLA is presenting the Lighting Kit, a modular front lighting platform that brings a new generation of LED technology to the established 90 mm module format. The system is aimed primarily at manufacturers of special vehicles such as agricultural and construction machinery, buses, trucks and light commercial vehicles, as well as motorhomes. Building on more than thirty years of experience in the development of 90 mm modules, the new Lighting Kit delivers significant advantages over existing solutions in terms of light performance, installation space, and integration. "With the new Lighting Kit, we are transferring our technology leadership into the 90 mm format – and in doing so realizing the most compact LED light module FORVIA HELLA has ever developed," says Dirk Sossenheimer, responsible for the Front & Signal Lighting product line at FORVIA HELLA. Series production is planned to start in spring 2027.

New optical concept, light module more compact than ever

At the heart of the Lighting Kit is a newly developed optical system based on high-precision freeform optics – designed for maximum light output with significantly minimized installation space requirements. It combines homogeneous illumination with high optical efficiency and a significantly reduced form factor: compared to its predecessor, the Bi-LED Module Generation 3,

the Lighting Kit achieves approximately 50 percent higher optical efficiency while weighing 70 percent less. The weight reduction contributes to lower material usage, thereby supporting more efficient use of resources. The installation depth is also reduced by almost half. For manufacturers who need to integrate sensors, electronics, and thermal management alongside lighting technology within the limited space of a vehicle's front end, the Lighting Kit creates noticeably greater design freedom and simplifies integration.

Modular platform for diverse lighting requirements

The modular platform architecture further reinforces this advantage: multiple front lighting variants – including a Bi-LED version with integrated low beam and high beam – can be realized from a single shared architecture. This reduces the need for new development for each individual application. Additional lighting and signal functions as well as customer-specific geometries are planned as part of the platform expansion. The result for OEMs: a sustainable and cost-efficient overall concept based on above-average optical performance in compact housings with rapid time to market.

Direct 1:1 replacement for halogen, homologated worldwide

The Lighting Kit is designed as a direct 1:1 replacement for existing 90 mm halogen solutions: mounting points and interfaces remain identical. With worldwide homologation to UN, SAE, CCC, and Indian standards, OEMs now have the opportunity for the first time to make the technology leap from halogen to state-of-the-art LED lighting technology without any additional development effort.

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FORVIA, a global automotive technology supplier, comprises the complementary technology and industrial strengths of Faurecia and HELLA. With over 137,500 people, including more than 12,000 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 12,400 patents, FORVIA is focused on becoming the preferred innovation and integration partner for OEMs worldwide. In 2025, the Group achieved a consolidated revenue of €26.2 billion prior to IFRS 5. FORVIA SE is listed on the Euronext Paris market under the FRVIA mnemonic code and is a component of the SBF 120 index. FORVIA aims to be a change maker committed to foreseeing and making the mobility transformation happen. **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.de**