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FORVIA HELLA Empowers LOTUS For Me: Integrating Headlamp System with Hyper Aesthetics and High Functional Performance

- High and low beam modules: compact, integrated optical system for strong performance
- Daytime running lights: strengthening family design language with forward-looking aesthetics and engineering excellence

International automotive supplier FORVIA HELLA has developed a headlamp system for LOTUS For Me, the first hybrid hyper SUV from LOTUS Cars. The system integrates high and low beam, cornering lamp, and an adaptive front-lighting system in a compact package, while reinforcing the family design language with ultra-slim double-L daytime running lights. In this project, FORVIA HELLA is responsible for developing and supplying the high and low beam headlamp system, while its joint venture, HELLA BHAP Lighting, is responsible for the design and manufacturing of the daytime running lights. LOTUS For Me has been available on the market since March 29, 2026.

“Lighting has become a strategic interface for both brand identity and functional performance”, says Didier Keskas, Executive Vice President of Business Group Lighting in the Asia-Pacific Region and Member of the Executive Board Lighting at FORVIA HELLA. “Together with LOTUS Cars, we are committed to connecting design freedom, active safety, and large-scale delivery: serving global regulations and market cycles with faster engineering pace and higher consistency.”

High and low beam modules: compact, integrated optical system for strong performance

To achieve deep integration with the aerodynamics and sculpted front fascia of LOTUS For Me, FORVIA HELLA’s high and low beam module is ingeniously concealed within the front bumper, blending with the vehicle’s lines when unlit. Upon illumination, the light becomes an extension of the vehicle’s surface design language.

To deliver performance within a more compact size, FORVIA HELLA employs a three-module coordinated optical architecture, integrating the auxiliary module, adaptive module, and additional high beam and cornering lamp into a single unit, all sharing one rotary dimming bracket. This layout ensures excellent high and low beam performance while preserving the cornering lamp function and advanced adaptive front-lighting system, enabling broader scenario coverage with fewer components and significantly reducing installation and calibration complexity at vehicle level. It also frees engineering space for front-compartment airflow, radar, and active grille, ensuring optimal nighttime visibility while maintaining the coupe's low-drag, clean-surface front design.

Daytime running lights: strengthening family design language with forward-looking aesthetics and engineering excellence

The daytime running lights developed by HELLA BHAP Lighting feature an ultra-slim, technology-forward design, interpreting the family design language with its signature double L light tracks.

Unlike commonly used reflector simplification approaches, this design adopts "piano key" thick-wall optical technology to create a highly dynamic "finger" surface and a highly uniform luminous body, capable of a rhythmic, flowing dynamic effect. This enhances recognizability and limits glare spillover across the functions of daytime running light, position light, and turn indicator. While meeting the vehicle's compact packaging requirements, the solution delivers higher process precision, allowing the "light signature" to strengthen brand recognition by day and resonate with the front fascia lines at night, providing users with a personalized and clear expression of driving intent.

With compact packaging, aerodynamic integration, and a distinctive light signature, the FORVIA HELLA headlamp system translates high lighting performance into a sharp, pure front-end expression for LOTUS For Me.

Note: This text and suitable images can also be found in our press database at: www.hella.com/press

Media contacts

Daniel MORFELD

Group Press Officer

+49 (0) 2941 38 7566

daniel.morfeld@forvia.com

Olivia Luo

Marketing & Corporate Communication Manager

+86 15121079959

olivia.luo@forvia.com

Address

HELLA GmbH & Co. KGaA

Rixbecker Straße 75

59552 Lippstadt / Germany

www.hella.com

HELLA Corporate Center Asia

No. 3438, Yuanjiang Road

201109 Shanghai / China

www.hella.cn

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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

