



ŠKODA
SIMPLY CLEVER

PRESS RELEASE

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Innovative lighting technology for maximum safety: ŠKODA utilises LED headlights

- › Interactive LED headlights and tail lights make driving in the darker months safer and more comfortable
- › Full LED matrix headlights for the flagship SUPERB and the new OCTAVIA
- › ŠKODA also offers high-performance LED headlight systems for the compact models SCALA and KAMIQ

Mladá Boleslav, 3. December 2019 – The darker months present motorists with additional challenges. Thanks to LED technology, ŠKODA drivers can drive safely even in poor light and weather conditions in the autumn and winter. Following the flagship SUPERB, the fourth generation of ŠKODA's bestseller, the OCTAVIA, is now available with full-LED matrix headlights, in addition to standard LED headlights. Among other things, these allow always driving with the high beam on. The compact models SCALA and KAMIQ, as well as the KAROQ, also offer LED lights and optional full LED headlights with adaptive functions. In addition to the very high light yield of the LED headlights, the bright and instantaneous LED tail lights and brake lights also ensure significantly higher safety.

In the ŠKODA SUPERB and the new OCTAVIA with optional full LED matrix headlights, modern LED lighting systems ensure much safer driving in the dark autumn and winter months. The LED technology ensures extremely bright and homogeneous road illumination in both models. Individually controllable LEDs in the modules – for example, the new OCTAVIA has 12 LEDs in each module – generate a beam of light for the dipped and main beam from several segments. A camera on the windscreen detects vehicles as well as reflective objects and persons that are automatically shaded by the intelligent light technology. For this purpose, the control unit immediately and automatically switches off individual segments of the light cone, making it possible to always drive with high beam activated, without dazzling other road users.

Adaptive light modes for various driving situations

In addition, the LED matrix technology switches between various lighting modes for different driving situations and weather conditions. For example, the intelligent system recognises whether the vehicle is in the city, on a country lane or on a motorway using the GPS data from the navigation system and the speed of travel, and automatically adjusts the side illumination of the lane or the active cornering light. In rain and bad weather, the turning and cornering lights illuminate the area directly in front of the car more intensely. The optional full LED headlights also offer Adaptive Functions (AFS) in the SUV models KODIAQ, KAROQ and KAMIQ as well as the SCALA and FABIA.

Increased brightness and efficiency thanks to LED technology

In addition to opening up new opportunities for designers to work with glass, crystalline elements and new, compact shapes, the modern LED headlights offer more brightness and higher efficiency than halogen headlights. The low beam of the revised FABIA's full LED headlights, for example, now provides 66% more light than the previous top version. Also, LEDs last much longer than halogen lights and consume less energy. LED modules are also used for the fog lights.



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LED tail lights respond instantly

In addition to the headlights, ŠKODA also utilises LED technology for the rear lights. Above all, the fast, instantaneous illumination and the brightness of the brake lights actively increase safety, as drivers in vehicles behind can detect the braking process better and faster. The dynamic indicators, which light up when operated from the inside out and are available as options for the SUPERB, OCTAVIA, SCALA and KAMIQ – here also at the front – increase not only the overall dynamic of the vehicle but also visibility for other road users.

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In the new OCTAVIA with optional full LED matrix headlights, modern LED lighting systems ensure much safer driving in the dark autumn and winter months.

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ŠKODA also offers high-performance LED headlight systems for the city SUV KAMIQ.

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ŠKODA AUTO

- › was founded during the pioneering days of the automobile in 1895, making it one of the longest-established automobile companies in the world.
- › currently offers its customers nine passenger-car series: the CITIGO, FABIA, RAPID, SCALA, OCTAVIA, KAROQ, KODIAQ, as well as the KAMIQ and the SUPERB.
- › delivered more than 1.25 million vehicles to customers around the world in 2018.
- › has belonged to Volkswagen Group since 1991. The Volkswagen Group is one of the most successful vehicle manufacturers in the world. In association with the Group, ŠKODA AUTO independently develops and manufactures vehicles, as well as components such as engines and transmissions.
- › operates at three locations in the Czech Republic; manufactures in China, Russia, Slovakia, Algeria and India mainly through Group partnerships, as well as in Ukraine and Kazakhstan with local partners.
- › employs over 39,000 people globally and is active in more than 100 markets.
- › is pressing ahead with the transformation from a traditional car manufacturer to the 'Simply Clever company for the best mobility solutions' as part of the ŠKODA 2025 Strategy.

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