Audi A6 Allroad – Lighting Technology

The lighting design – technology brought to life

The lighting design emphasizes the technical character of the A6. Audi supplies the headlights in three different versions. With the top-of-the-line version, the HD Matrix LED headlights, five horizontal lines form the daytime running light signature; they emphasize the width of the front. The dynamic indicator is included with the top-of-the-line equipment. When unlocking and locking the doors, a pulsing coming and leaving home function brings to life the combination of design and technology that is the hallmark of Audi.

With the headlights, customers of the new Audi A6 have a choice of three variants. They all feature LED technology. The first option features the Matrix LED headlight with adaptive high beam, which consists of seven different modules. As an extension of the second bar in the Singleframe, they are split horizontally; the dominant top section accommodates the indicator, the daytime running lights and the pupil-like dipped beam modules. The daytime running light signature underlines the technical character of the A6; configured from five spatially tiered light guides and backlight LEDs, it provides very homogeneous illumination.

The top-of-the-line option is the HD Matrix LED headlights with the multi-row high beam, which consists of 32 individual light segments altogether. It also features a dynamically controllable dipped beam. The lighting control system provides a fully variable switch between dipped and high beam. The bottom zone of the headlight, which visually tends to fall into the background, houses the turning light and the two-row Matrix high beam. In each unit 32 LEDs dynamically and precisely illuminate the road, masking out other road users from the cone of light. The LEDs also act as cornering lights.

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