
Audi A6 Sedan - Lighting Design

The lighting design - technology brought to life

The lighting design emphasizes the technical character of the A6. Audi supplies the headlights in three versions, through to the HD Matrix LED technology with high-resolution, dynamically illuminating high beam. Five horizontal lines draw the daytime running light signature - above them are the dipped beam modules that look like pupils. The equipment with the top-of-the-line headlights and rear lights also includes the dynamic indicators; the lights stage the pulsing coming and leaving home functions when unlocking and locking the doors.

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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