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## Audi A6 Sedan – Lighting technology

### Digital matrix LED headlights for the Audi A6

Digital matrix LED headlights will be a new addition to the Audi A6 portfolio. They offer a high degree of personalization and adaptive, high-resolution lighting functions thanks to the new micro-LED technology.

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These headlights significantly improve illumination and create a strong contrast on the road. This is particularly advantageous when weather conditions cause difficult visibility. The lane guidance and orientation light helps with lane centering, and an arrow symbol on the road shows if the vehicle is unintentionally drifting out of its lane. If slippery conditions are expected, an ice symbol is projected to alert the vehicle occupants. The marking light also draws attention to people in the immediate vicinity of the road by illuminating them. The light guidance functions thus contribute to improved road safety. As a further highlight, the digital matrix LED headlights display one of three selectable dynamic projections when entering and exiting the vehicle, creating an impressive light show even when the vehicle is stationary. The LED daytime running lights, consisting of 48 segments per headlight, also ensure high recognition value. They generate eight digital light signatures that can be selected in the MMI. Matching this, the digital OLED rear lights 2.0 taillight display, with 198 segments per side, also changes its appearance. Most of the front and rear signatures include active elements, meaning individual areas dim up and down intelligently. This constant movement creates a dynamic look that gives the lights a striking presence.

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