



## **HELLA: New full-LED rear lamp for 24 V truck and trailer**

- **Customisable and durable full-LED rear lamp creates high recognition value on the road**
- **Patented LED light curtain ensures high level of safety and visibility**
- **Pioneering concept enables adaptation of sensor technology**

**Lippstadt, 8 June 2021.** Individualisation, safety and future viability: these three keywords characterise the new full-LED rear lamp that lighting and electronics expert HELLA is now launching especially for 24 volt trucks and trailers. HELLA offers the rear lamp as a modular concept.

The patented HELLA LED light curtain, which creates the tail light of the full-LED rear lamp, can now be customised for the first time. Graphic structures such as dots, stripes and shapes can be marked out for this purpose. "This makes the tail light the central eye-catcher and underpins the branding of the manufacturers on the road. Trucks and trailers thus become unique," says Georg Fink, Sales Manager for Trailers at HELLA. "An individual light signature is ultimately becoming more and more important in order to stand out from the competition and this is true not only for car manufacturers, but also for those producing trucks and trailers."

Furthermore, manufacturers are free to choose the colour of the carrier frame so as to match, for example, the corporate colours. "The lens placed above is available in red or clear so that the colour of the design then becomes visible," explains Fink. As a further customisation option, manufacturers can choose whether the direction indicator light is to be the standard type or the dynamic variant.

In addition to the customisation options, HELLA has also further developed, in-house, the light curtain technology. The result is a much more homogeneous appearance of the tail light as it does not require separate optics. At 144 square centimetres, the light curtain is also almost twice as large as in previous models – so the tail light is always visible, even at dusk or in fog, and even from a distance.



With an installation space of only 55.5 millimetres in depth, the full-LED rear lamp has technical features that make it fit for the future. Thanks to mechanical interfaces for sensor technology, ultrasonic sensors can be connected on both sides, for example, in order to implement a parking assistant. In addition, the control for the flashing side marker lamps, the direction indicator failure control and the load simulation designed to monitor the stop and direction indicator lights are all integrated into the system. This eliminates the need for additional control units, a fact which significantly reduces the amount of wiring required and ultimately saves costs.

The full-LED rear lamp is designed for the voltage range of 24 volts. The two-colour outer lens is made of impact-resistant polycarbonate (PC) and bonded to the housing. Overall, the rear lamp achieves protection class IP 6K9K, which means that it is not only dustproof but also resistant to cleaning with water under high pressure. The lamp also complies with the automotive standard (ISO 26262). The lamp is available with or without a rubber arm. As a standard interface to the vehicle, it has a central 7-pin DIN connector and 2-pin AMP SUPERSEAL connectors for auxiliary lighting functions.

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**HELLA GmbH & Co. KGaA, Lippstadt:** HELLA is a global, family-owned company, listed on the stock exchange, with over 125 locations in some 35 countries. With sales of € 5.8 billion in the fiscal year 2019/2020 and 36,000 employees, HELLA is one of the leading automotive suppliers. HELLA specialises in innovative lighting systems and vehicle electronics and has been an important partner to the automotive industry and aftermarket for more than a century. Furthermore, in its Special Applications segment, HELLA develops, manufactures and sells lighting and electronic products for specialist vehicles.

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