

Phabulous



Automotive Functional Lighting

Free-form micro-optics for innovative lighting solutions

Pilot Line Use Case by HELLA



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Free-form microlens arrays (FMLAs) are aesthetically appealing and provide high potential for a reduction of installation space, weight and low-cost manufacturing. HELLA GmbH & Co. KGaA, technological driver in the automotive industry, is one of the use cases of PHABULO μ S. As partner of the pilot line, HELLA provides insights into the legal and application requirements within the automotive industry in general as well as specific requirements for the use of FMLAs in exterior illumination systems. In return the pilot line will support HELLA in the design phase leading up to the pilot production. After the pilot fabrication, HELLA will run different test series with the optical elements to check the automotive capability and the achievement of the desired functionality.

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