

PRESS INFORMATION / May 21, 2019

## **Blickfeld and Koito explore advanced technologies for the development of LiDAR that can be fully integrated into headlight**

Munich, Germany and Tokyo, Japan. Blickfeld, a leading provider of solid-state LiDAR technology, and Koito Manufacturing, the leading global tier-one supplier of exterior automotive lighting, announced today that they will explore technologies to develop a LiDAR sensor that can be fully integrated into a headlight.

The integration of Blickfeld's LiDAR into Koito headlamps will enable automobile manufacturers to possess breakthrough LiDAR technology in which the sensor is fully integrated into the vehicle, which will in turn facilitate unprecedented progress in serial Advanced Driver Assistance Systems (ADAS) and Autonomous Vehicle systems (AV).

Blickfeld's 3D solid-state LiDAR technology is designed to meet the highest automotive performance requirements. The core of the Blickfeld LiDAR is a proprietary silicon MEMS mirror specifically developed for LiDAR applications. This enables not only safe and in-depth information about the surrounding environment, but also mass-market availability. The compact design of the miniature solid-state LiDAR by Blickfeld allows direct integration into a vehicle's lighting system, enabling real-time 3D mapping and object detection, classification, and tracking, without marring the design of the vehicle.

Dr. Mathias Müller, co-founder and CEO of Blickfeld: "With its renowned expertise and strong market position, Koito is a proven pioneer in the field of automotive headlights. We have been working very successfully with the Koito team since early 2018 and are thrilled to develop the next generation of lighting products."

Yuji Yokoya, Executive Vice President of Koito: "Koito has been in search of innovative, high-performance LiDAR technology from around the world, and among what we have found, we regard Blickfeld as one of the most promising companies in their field".



## **ABOUT BLICKFELD**

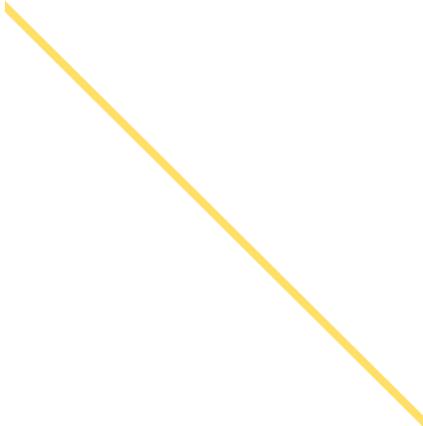
Founded in 2017 and based in Munich, Germany, Blickfeld is a provider of cutting-edge LiDAR technology for autonomous mobility and IoT applications. The company has developed proprietary LiDAR technology based on patented silicon MEMS mirrors specifically designed for the LiDAR application. The Blickfeld LiDAR meets the highest performance requirements at the cost and size needed for mass market adoption. Due to their range of configurable features, the Blickfeld LiDAR provides solutions for multiple use-cases. Blickfeld's team is made up of experienced professionals with renowned expertise in the fields of optics, MEMS, software and automotive. The company is backed by venture capital investors including Fluxunit (the corporate venture arm of lighting company Osram), High-Tech Gründerfonds, Tengelmann Ventures, and Unternehmertum Venture Capital Partners.

For more information please visit [www.blickfeld.com](http://www.blickfeld.com)

## **ABOUT KOITO**

Under the corporate message, "Lighting for Your Safety", Koito Manufacturing Co., Ltd (Koito) has been marking a history of leadership in automotive lighting since its establishment in 1915. Today, the Koito Group consists of 31 companies located in 12 countries worldwide and provides products and services to customers all over the world, through the global network led by five major regions (Japan, North America, Europe, China, and Asia.) Its products, recognized for its high quality and advanced technology, are widely used by automotive makers worldwide. The company is responding to the future transformation of mobility through the development of next-generation lighting technologies and related equipment, control systems, and environmentally friendly products, materials, and production methods.

For more information please visit [www.koito.co.jp/english](http://www.koito.co.jp/english)



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