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## **PRESS RELEASE**

### **SMART AgLIGHT revolutionizes the worklight**

Reichhardt provides unique intelligent worklight system for the first time

**Hungen: SMART AgLIGHT by Reichhardt is an intelligent worklight system. For the first time, the light can be distributed continuously for long-distance and close-range lighting by individually controlling and networking the diffusing lenses of the worklights, ensuring optimum illumination of the entire work area at all times. Precise, storable light profiles, adapted to equipment combinations and operating conditions, are operated via ISO-VT and mobile devices. SMART AgLIGHT was developed in cooperation with BHTronik GmbH.**

Sections of the lens are coated with liquid crystal polymer. These are individually cross-linked and controlled, and therefore provide infinitely variable, targeted bundling or scattering of the light. The change between far-field and near-field lighting is infinitely variable within milliseconds. There is no wear and tear due to complex mechanics. This provides exact, storable lighting profiles for all device combinations and operating conditions. State-of-the-art lighting technology also allows continuous adjustment of the light intensity.

Andreas Reichhardt, the managing partner, is convinced: "By networking vehicle and implement, work areas can be illuminated in a targeted manner. When the implement is changed, the light profile changes automatically. Wireless M2M communication allows the light profiles of several vehicles to mesh. SMART AgLIGHT thus avoids direct and indirect glare and ensures perfect lighting conditions at all times with all the benefits for man, machine and the environment."

ISOBUS-compatible, operation takes place via an ISO-VT as well as wirelessly via mobile devices and is thus open for apps and further functionalities.

SMART AgLIGHT has a compact design and is easy to install on any vehicle and implements. Separate headlights for close-range and long-range lighting are no longer required. The new working light system by Reichhardt can therefore be integrated by vehicle manufacturers at any time.

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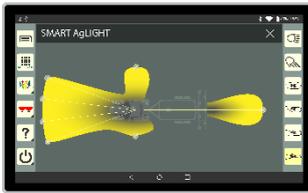
**REICHHARDT at a glance;**

*For over 35 years REICHHARDT has been developing innovative electronic solutions for agricultural technology, the construction machinery industry and the municipal sector into the series production of the machine manufacturer. The company is well-known as a Smart Farming partner for automated driving with maximum precision in vehicles and implements. ISOBUS compatible our products help also to upgrade the vehicle pool to Agriculture 4.0 in a sustainable and cost-efficient way, Thus the family business is the suitable partner for any farm size. Our U.S. subsidiary serves North and South America, as well as Australia. There are about 120 employees at three locations. For more information on REICHHARDT visit our website.*

**BHTronik at a glance;**

*BHTronik has specialized in the development and manufacture of electronic products for agricultural and construction machinery. Thereby we can refer to more than 10 years of experience in different areas like development, manufacturing and project engineering. The entire hardware, software and mechanical development comes from our own company and is carried out by highly qualified employees. The main focus of the products is in the area of: central electronics, control units, motor controls, telemetry modules, display and control units and LED illumination. The central idea is always e-solutions all inclusive". For more information about BHTronik please visit our website [www.bhtronik.de](http://www.bhtronik.de) .*

## Pictures:



**SMART AgLIGHT\_Pressebild.jpg**

Precise, storable light profiles, adapted to device combinations and operating conditions, are operated in SMART AgLIGHT via ISO-VT and mobile devices



**SMART AgLIGHT\_Montage.jpg**

SMART AgLIGHT has a compact design and is easy to mount on any vehicle and also on the implement. The new work light system by Reichhardt can thus be integrated by vehicle manufacturers at any time.