



bauma 2019: New lighting solutions from HELLA increase safety in the mining industry

- **LED warning light RokLUME S700 Red with VISIOTECH projection technology for clear identification of danger zones**
- **RokLUME 380 and RokLUME 280 low-fatigue work and reduce glare with ZEROGLARE illumination**
- **DuraRAY 4.0 beacon improves recognizability of vehicles in open-cast and underground mining operations**

Lippstadt, March 20, 2019. The automotive supplier HELLA will be presenting special lighting and electronic solutions for mining vehicles at bauma in Munich, the world's leading trade show for the construction machinery and mining industry, from April 8 to 14, 2019 (Hall A5, Stand 436). Employees from both HELLA and Kraemer, the mining retailer for the DACH region of Germany, Austria and Switzerland, will be available at the stand to advise customers. Kraemer will also be represented in Hall C2 at the joint stand of the State of North Rhine-Westphalia.

In the mining industry, safety plays a key role when navigating vehicles and in the work area. Hazard zones must be optically marked or demarcated at any time as required in order to be able to warn and protect the surrounding area in good time. HELLA developed the VISIOTECH projection technology in order to facilitate communication by using light. Especially for mining vehicles, the company has designed the LED warning light RokLUME S700 Red, which projects a wide red marking on the ground. Thanks to its powerful light output, the warning light can also be used on vehicles with high mounting positions and is therefore particularly suitable for mining vehicles.

Worklights such as the RokLUME 380 and RokLUME 280 also increase safety in everyday working life. The former has a luminous efficiency of up to 7,800 lumens. This is more than three times as much light as a comparable xenon headlight brings to the work surface. The light output of the RokLUME 280 is measured at up to 4,400 lumens. Its color temperature of 5,000 Kelvin is also very similar to daylight. This markedly improves the driver's ability to concentrate, because it is less fatiguing to the human



eye. The worklights also have various illumination variants, including **ZEROGLARE**. It specifically aims the LED light onto the area in front of the vehicle, creating a very clear cut-off line. This also means that drivers of oncoming vehicles won't be blinded.

HELLA also has the DuraRAY 4.0 beacon in its range, allowing quick recognition for other vehicles and giving optimum warning. The LED warning light was specially developed for tough use in mines. It has twice the warning effect as conventional beacons and can therefore be used in both open-cast and underground mining. The user can also switch between flashing and rotating lighting functions. The beacon is also available in various colors (yellow, red, blue, green, and white) and in various surface-mounted versions. This gives customers the greatest possible flexibility for every requirement.

Experience HELLA's products live at bauma 2019 in Hall A5, Stand 436.

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Kraemer Baumaschinen GmbH & Co KG: Kraemer lives construction machinery – and has done so for over 50 years. Kraemer Baumaschinen is already a second-generation supplier of construction machinery and spare parts. Kraemer Baumaschinen is a family-owned company with a strong regional presence. As a reliable partner and top dealer of construction machinery and spare parts, we provide our customers with service-oriented support. Customers benefit from high-quality products and the best service in the workshop and spare parts sector. KRAEMER. It works.

HELLA GmbH & Co. KGaA, Lippstadt: HELLA is a global, family-owned company, listed on the stock exchange, with more than 40,000 employees at over 125 locations in some 35 countries. The HELLA Group develops and manufactures products for lighting technology and electronics for the automotive industry and also has one of the largest retail organizations for automotive parts, accessories, diagnostics, and services within Europe. With more than 7,000 people working in research and development, HELLA is one of the most important innovation drivers on the market. Furthermore, with sales of € 7.1 billion in the fiscal year of 2017/2018, the HELLA Group is one of the top 40 automotive parts suppliers in the world and one of the 100 largest German industrial companies.

PRESS RELEASE



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