



## **RokLUME 280N SMART: Intelligent work lamp for mining, construction and forestry machines**

### **Individual light settings increase operator safety, health and productivity when working**

**Lippstadt, December 15, 2020.** In order to increase operator safety, health and productivity in mining, construction work or forestry, the lighting and electronics specialist HELLA is launching a new work lamp on the market. The RokLUME 280N SMART can adjust its light very individually to different weather or driving conditions.

Experience shows that visibility in dusty, snowy or foggy conditions can be significantly improved by using green or amber light. With the RokLUME 280N SMART, operators can change the colour accordingly. In addition, the intelligent work lamp is equipped with a dimming function to reduce both blinding oneself and other operators. In addition, the colour temperature can be continuously adjusted from warm white to cold white. This can increase visibility in many different situations.

For easy conversion, the RokLUME 280N SMART has the same dimensions as the standard RokLUME 280N work lamp and also has a 2-pole Deutsch DT plug. The work lamp is available in six different light distribution variants: with Diffuse Flood, Close Range, Long Range, Pencil Beam, Tunnel Flood (perfect for underground mining) or **ZEROGLARE** illumination. All light distributions are equipped with SMART functions for individual light adjustment. The work lamp is also equipped with a lifetime function. With it, the system gives advance warning before the headlamp's service life expires, thus preventing unplanned downtime. Also integrated is an anti-theft protection and a memory function for saving individual illumination settings.

The control unit (HELLA Gateway), which is included in the scope of delivery and is required for communication with the work lamps, uses power line communication (PLC), which means signals to the work lamp can be sent through existing wiring harness. This allows manufacturers to offer a lighting upgrade without having to change the vehicle

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architecture, provide separate wiring harnesses or circuits to control the work lamps. This greatly simplifies the vehicle architecture. Mine operators and end customers can thus also convert their vehicles simply and easily.

If the RokLUME 280N SMART is retrofitted, it is controlled via a HELLA control panel which is also included in the set. The original equipment version is supplied with a CAN bus interface. The work lamp can thus be controlled via the customer's Human Machine Interface (HMI).

**Please note:**

This text and corresponding photo material can also be found in our press database at: [www.hella.com/press](http://www.hella.com/press)

**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.

**For more information, please contact:**

Dr. Markus Richter  
Company spokesman  
HELLA GmbH & Co. KGaA  
Rixbecker Strasse 75  
59552 Lippstadt  
Germany  
Phone: +49 (0)2941 38-7545  
Fax: +49 (0)2941 38-477545  
Markus.Richter@hella.com  
[www.hella.com](http://www.hella.com)