

Applications Engineering

The Hella Centre of Excellence – Mining provides an Applications Engineering lighting design service for Hella Mining customers. The aim of this unique service is to reduce risk to end users and OEMs of implementing an inappropriate lighting design, enabling all stakeholders to evaluate, comment and change the design prior to implementation.

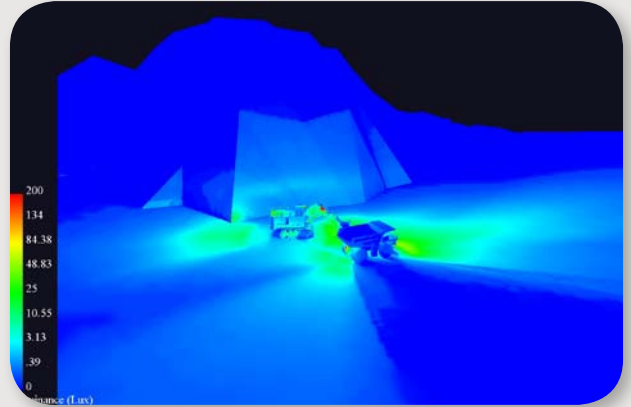
The Hella team combines decades of lighting expertise across many countries and industries with the most sophisticated software. However, our most valuable asset is ongoing consultation combined with extensive practical on-site mining experience, enabling us to understand the unique visual and environmental requirements of the mining industry.

We are fully aware of the wide and sometimes conflicting range of operational requirements, covering the need for greater equipment,

operator and maintenance personnel safety, lowered cost of ownership and maintenance, increased productivity requirements and the need for a predictable service life.

We use appropriate, proven technologies and methods to provide the mining operation with an engineering-based, application-focussed, customised solution. The system design not only complies with the relevant occupational health and safety regulations, but also with real life maintenance and operational needs.

Hella lighting designs typically include; aiming and orientation angles, number and type of luminaires, part numbers, spare parts, illumination level achieved and appropriate standards referenced. Our service extends to both fixed and mobile plant lighting designs. The final design is contained in a



clear and concise document that can be presented to all relevant stakeholders, ready to be integrated into on site maintenance documentation systems.

Our experience in Applications Engineering allows us to create lighting designs in a short time frame and with limited information.

