



**RUSSELL**  
MINERAL EQUIPMENT

**RUSSELL LED Work Lights** deliver focused, high-intensity illumination to boost in-mill visibility. With operating temperatures from -40°C to +50°C, superior lifespans and ingress protection, these LEDs support reline crew efficiency and safety – all while using less energy. Powerful RUSSELL LED Work Lights are the best choice with RUSSELL Mill Relining Machines in harsh concentrator plant settings.



## BENEFITS

- Significantly longer lifespan compared to halogen lights
- Superior energy efficiency and low maintenance
- Dust, temperature, water and vibration resistant
- Enables operators to work more effectively with less fatigue
- Reduced risk through optimal visibility, which means obstacles can be seen clearly
- Improves mill relining safety where moving machinery in confined spaces is present



RUSSELL LED Work Lights enable MRM operators and reline crew to see more and do more – safely. These LEDs are versatile, hard-wearing, longer-lasting, and purpose-built to perform reliably on mine sites. They're an essential add-on, retrofit or halogen replacement for your RUSSELL Mill Relining Machine.

### Tarnya McBurney

Product Manager Mill Reline Machine and Feed Chute Transporters  
RUSSELL MINERAL EQUIPMENT

**RME is the world's leading Original Equipment Manufacturer (OEM) of mill relining systems.**



**440+**

Mine sites served by RME equipment and services.



**450+**

RUSSELL MRMs engineered, manufactured and delivered.



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**PRODUCT BRIEF**   
RUSSELL LED Work Lights



## LEARN MORE

- [product.management@rmeGlobal.com](mailto:product.management@rmeGlobal.com)
- RME Regional Service Centre
- [rmeGlobal.com](http://rmeGlobal.com)



## FEATURES

- Close range Powerbeam 1500 combines powerful output with practical design
- **Light source:** 6 high-power (6500k) LEDs
- **Light output:** 1300 lumens
- **Colour temperature:** 5.700° Kelvin which is similar to daylight, and enables operators to distinguish colours in the dark and prevent eye strain
- **Service life:** Approximately 16,000 hours (Up to 130 times longer than halogen)
- Compliant with IP 6K7 (watertight) and IP 6K9K (dust proof and high pressure washable)
- **Operating voltage:** Multi-voltage 9 – 33 V
- Protected against EMC interference
- Specially-developed thermal management with overheating and polarity reversal protection
- Flexible mount (magnet and fixed) and tilt positioning options
- Rugged mounting bracket for fixed mounts
- Robust aluminium die-cast housing and nylon (PA12) lens



## APPLICATIONS

- Typically 6 X RUSSELL Work Lights are mounted around the RUSSELL MRM for improved visibility and safety inside the mill when the MRM is in motion
- Supplied with all new RUSSELL Mill Relining Machines
- Easily retrofitted to RUSSELL MRMs currently using halogen spotlights. RME offers an easy-upgrade RUSSELL Work Light Modernisation Program for existing RUSSELL MRM owners.

## WE ARE RME



RME was born 35+ years ago with a strong resolve to address our Customers' challenges. Since then, the RME Mill Relining System has quartered our Customers' time-to-reline and eradicated a great many safety issues. This same pursuit continues to drive the development of RME INSIDEOUT Technology which aims to eliminate fatal risk by enabling relining from outside the mill.

**Cheryllyn Russell**

Chief Customer Officer, RUSSELL MINERAL EQUIPMENT