

# Lighting the Way to Zero Harm

Protecting the safety and improving the wellbeing of miners in high-risk, hazardous areas.

Advanced LED Lighting Solutions to:

- Improve Safety
- Reduce Maintenance Costs
- Increase Operational Performance



## Safer Mining Starts with Better Visibility

Underground mining environments present unique safety challenges. Poor visibility, harsh operating conditions and complex underground infrastructure can increase the risk of incidents, reduce productivity and impact worker wellbeing.

Reliable, high-quality lighting improves visibility, helps workers identify hazards earlier and supports safer, more efficient operations.

MineGlow's advanced LED lighting solutions are specifically engineered for the demanding conditions of underground mining, including coal, hard rock and critical minerals operations.

### Mining Applications

- Mining Tunnels, Roadways, Drifts
- Intersections, Crosscuts and Culverts
- Dump Points
- Drills and Drilling Areas
- Longwalls
- Conveyors
- Sub and Pump Stations
- Crib Rooms
- Workshops, Stores, Underground Offices and Explosive Magazines

# Why MineGlow?

When it comes to the safety, wellbeing and productivity of your workforce, quality matters.

For over a decade, MineGlow has been leading the way on industrial LED lighting solutions, engineered for the demanding conditions of underground mining helping reduce maintenance requirements, operating costs and safety incidents through improved lighting conditions.

## Built for Safety

Our lighting systems provide a complete and even flood of illumination from floor to ceiling, eliminating shadows and dark spots; thus improving working conditions and wellbeing.

## Built for Reliability

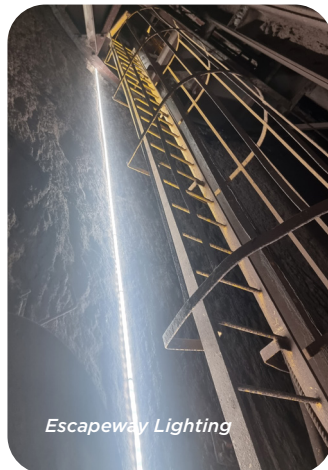
- Fully encapsulated housing - Eliminating dust, water or chemical ingress
- Shock and impact resistant
- IP67 waterproof construction
- Flame retardant materials
- Low Profile design; reduces damage from blasting and mobile assets
- Dual-feed power design for longer distances and redundancy



Conveyor



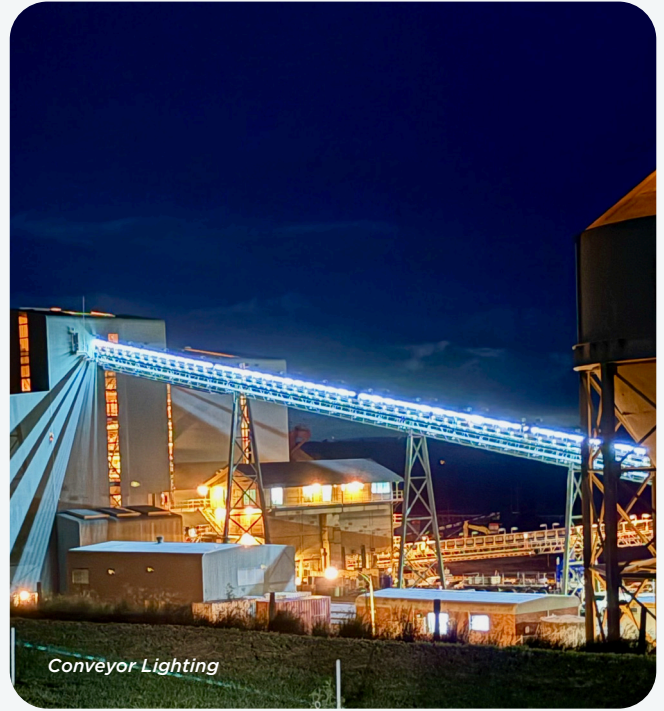
Underground Stores  
Courtesy: BHP



Escapeway Lighting



Courtesy: BHP



## Mining Lighting Solutions

### Standard Range

Our most popular LED strip lighting solution for underground mining applications.

Designed for areas with sufficient access to power, our Standard Range delivers reliable, high-performance illumination while reducing infrastructure requirements.

### Features

- Available in run lengths from 42m to 90m
- Available in 24V and 36V
- Powered from both ends for redundancy and longer runs between energy sources
- Fully customisable - Can be cut to size
- Available in PVC or Silicone
- C-Mask™ dust and dirt retardant technology



[Learn More](#)

### Ultra Long Range

Designed for long-distance underground applications where extended lighting runs are required.

Originally developed for long distance tunnelling applications, the Ultra Long Range system is now widely adopted across mining operations due to its ability to provide exceptional lighting distances with power infrastructure requirements, reduced by 50%.

### Benefits

- Longer continuous lighting runs - Up to 400m
- Reduced power infrastructure requirements
- Lower installation costs and quicker to install
- Ideal for long roadways, conveyors, drifts and longwall applications
- Ideal for temporary or permanent lighting



[Learn More](#)



## em-Control Emergency Lighting

### Guiding Workers to Safety When Every Second Counts

Fast, effective emergency lighting is critical in confined underground spaces.

When visibility or hearing is compromised, em-Control emergency lighting systems maintain visual communication with workers, guiding them safely to the nearest escape way, refuge chamber or exit.

### Features

- Colour-coded pulse emergency lighting
- RGA and RGB configurations
- Custom directional pulse programming
- Up to 100 metres of lighting per power source
- Integration with third-party production and emergency systems
- Enhanced emergency response capability



[Learn More](#)

## SafeGlo™ Explosion- Proof Lighting

The world's first IECEx and ATEX Certified Explosion-Proof LED Strip Lighting.

Designed for hazardous environments where airborne gases, vapours or dust create explosion risks.



[Learn More](#)

TRUSTED BY

# Leading Mining Operations

MineGlow lighting solutions are used across mining operations throughout Australia and around the world, helping improve safety, reliability and operational performance.

**BHP**

 AngloAmerican

GLENCORE

RioTinto

 VALE

 Evolution  
MINING

 BARRICK

 NEWMONT

 Centennial Coal

 REDPATH

 BYRNECUT

 Aeris  
RESOURCES

 WHITEHAVEN COAL

 OCEANA GOLD

 MMG

 Fortescue

 SOUTH32

 NORTHERN STAR  
MINING

## Independently Tested and Certified

Our products are independently tested and certified to local and international standards, providing confidence in the most demanding environments.

- Improve Safety
- Reduce Maintenance
- Prevent Incidents
- Lower Running Costs
- Improve Lighting Efficiency
- Support Zero Harm Outcomes

## See the MineGlow Difference

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Scan to learn more about MineGlow's  
mining lighting solutions