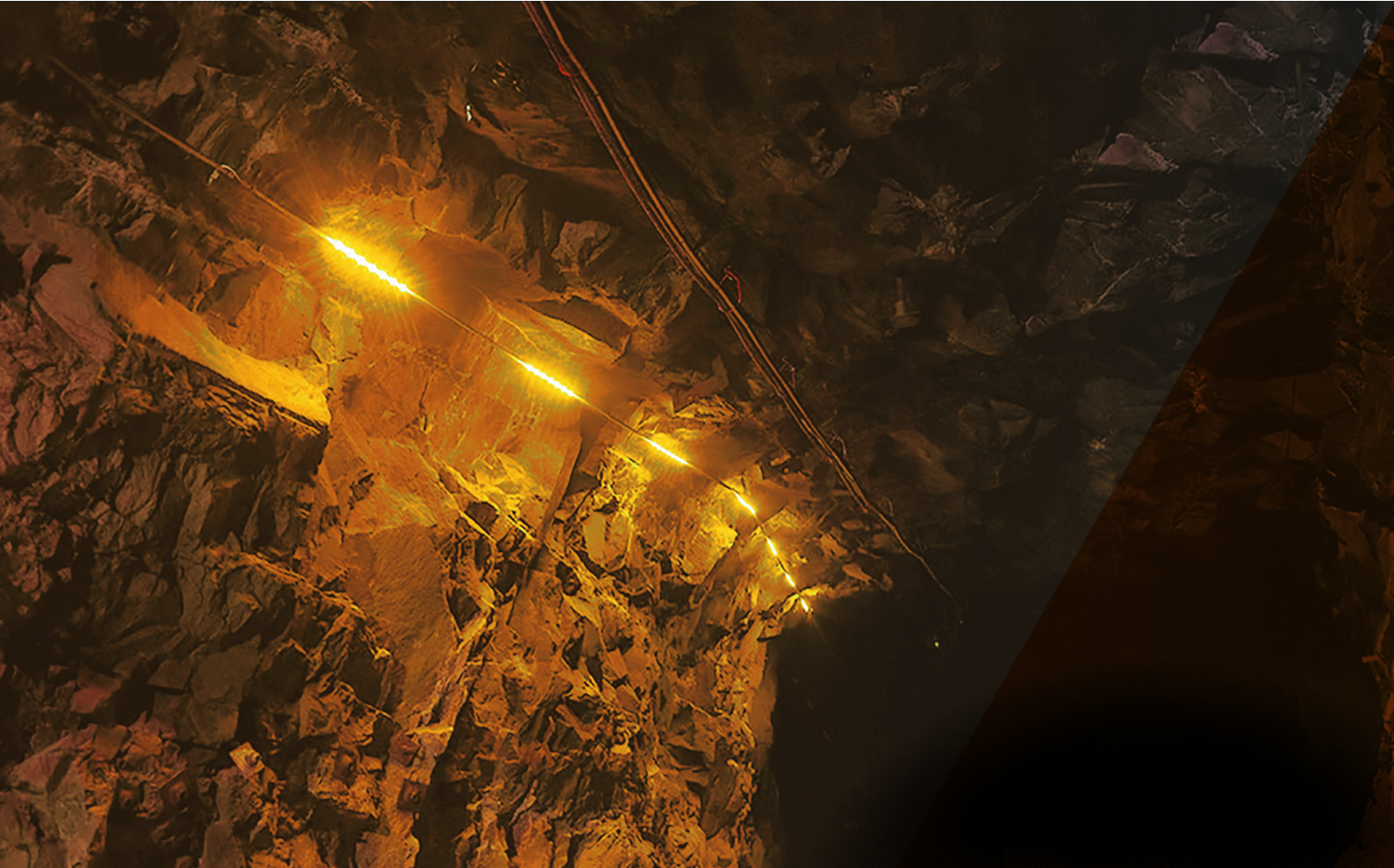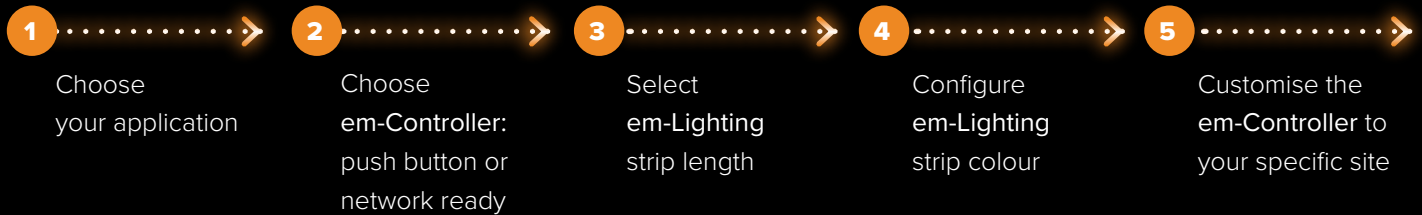# mineglow

em-Control
WARN | DIRECT | PROTECT

Lighting the way to safety

Guiding your people to safety, fast.

em-Control is a high quality, industrial-grade LED strip emergency lighting control system that directs underground workers to safety. The fully customisable, open architecture solution emits directional pulses of light guiding the way to rescue chambers and designated exits for fast, seamless evacuation.

A complete emergency lighting solution for mining
Get started in five easy steps

1 Choose your application

2 Choose em-Controller: push button or network ready

3 Select em-Lighting strip length

4 Configure em-Lighting strip colour

5 Customise the em-Controller to your specific site

Safety in every direction
Easily integrate your lighting with a third party system to maximise safety.

Emergency evacuations
Guide your underground workforce to safety in the event of an emergency.

Traffic management
Reduce traffic related incidents by managing traffic flow and direction.

Zone identification
Use a variety of colours and light modes to indicate zones and events.

Vehicle awareness
Keep your workforce safe by indicating when large machinery or equipment is approaching.

Exclusion zones
Indicate dangerous or restricted zones to mitigate accidental access.

Guidance to refuge chambers
Visual alert when evacuation is necessary guiding personnel safely to the nearest refuge chamber or exit.

www.mineglow.com.au

em-Control

Purpose built for hazardous environments.

em-Control
WARN | DIRECT | PROTECT

Seamlessly connect to your site network and activate your emergency lighting in real-time based on triggered events* like seismic movement or traffic management.

Customisable
Change directions, speed, colour and duration of the chase/pulse to suit your site requirements. Modes of lighting include pulsing, static, forward and backwards.

Interoperable
Developed on open architecture, em-Control can integrate with third party systems through APIs to increase safety.

Power more for less
Control up to 500m of emergency LED strip lighting with one unit, significantly reducing costs associated with setting up lighting system infrastructure.
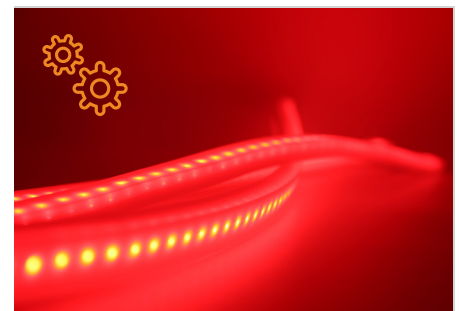
24/7 readiness
Count on highly reliability with a manual override function in the event of a network or communication outage. em-Control is 'always on' and ready to direct personnel to the closest safety point 24/7.

Available in manual and network ready configurations

2-year warranty	Easy to install
Configure to any colour	Efficient, economic and sustainable
Customise direction, pulse and intensity	Choose from a range of lighting modes
Includes API's for integration	Real-time altering
Manual override with push button activation	Site wide activation and zoning capabilities

Manually activated and operates independently.

*Third party integration may be required. API available on request.

em-Lighting Emergency LED strip lighting

The em-Lighting emergency LED strip lights are engineered to thrive in harsh and hazardous conditions.

- Flexible and easy to install or mount in any location or surface
- Cut to size on site, to suit your tunnel requirements
- Provides floor to ceiling continuous illumination -180° beam
- Available in run lengths from 20m to 200m
- Dual power option for redundancy
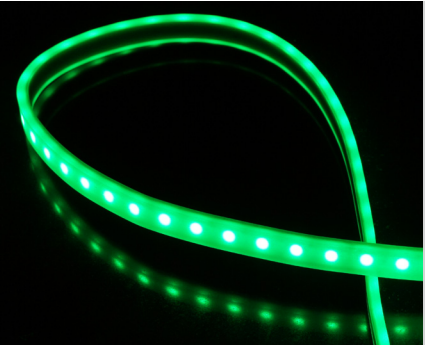- Available in 24V

- Shock and impact resistant
- 50,000 hr lifespan
- IP68 rated
- Dust and dirt repellant
- Zero maintenance
- 14 LED/meter or 56 LED/meter options

Light range available
14LED/m - Red, Green, Amber
56LED/m - RGB

Light lengths
200m (14LED/m range)
20m (56LED/m range)

Power repeaters increase range to 500m

Certified to the highest local and international quality management and control standards

IECEx TSA 21.0013X

Our promise

MineGlow solutions meet our stringent commitment to quality, safety and sustainability. Our QSS commitment underpins our reputation for excellence in everything we do, from research and development to customer service and support.

Call us for a free quote today
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