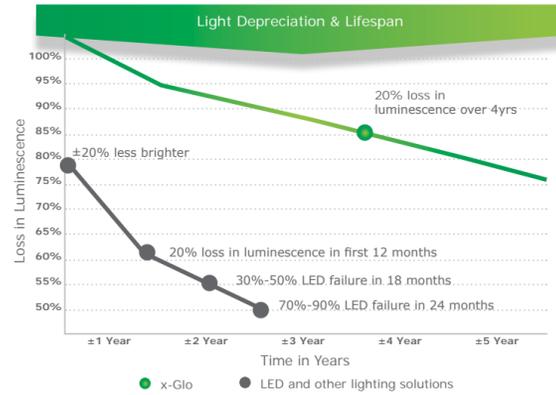


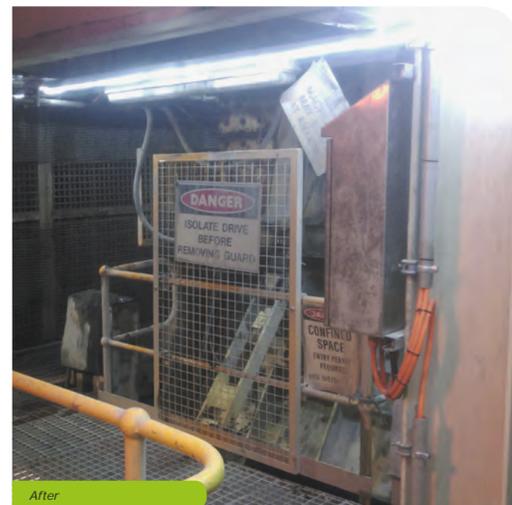
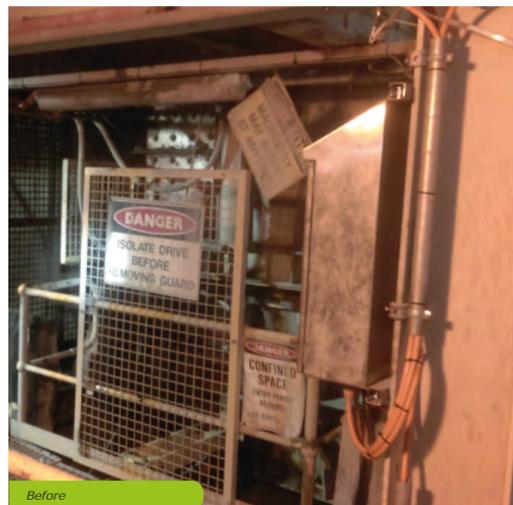
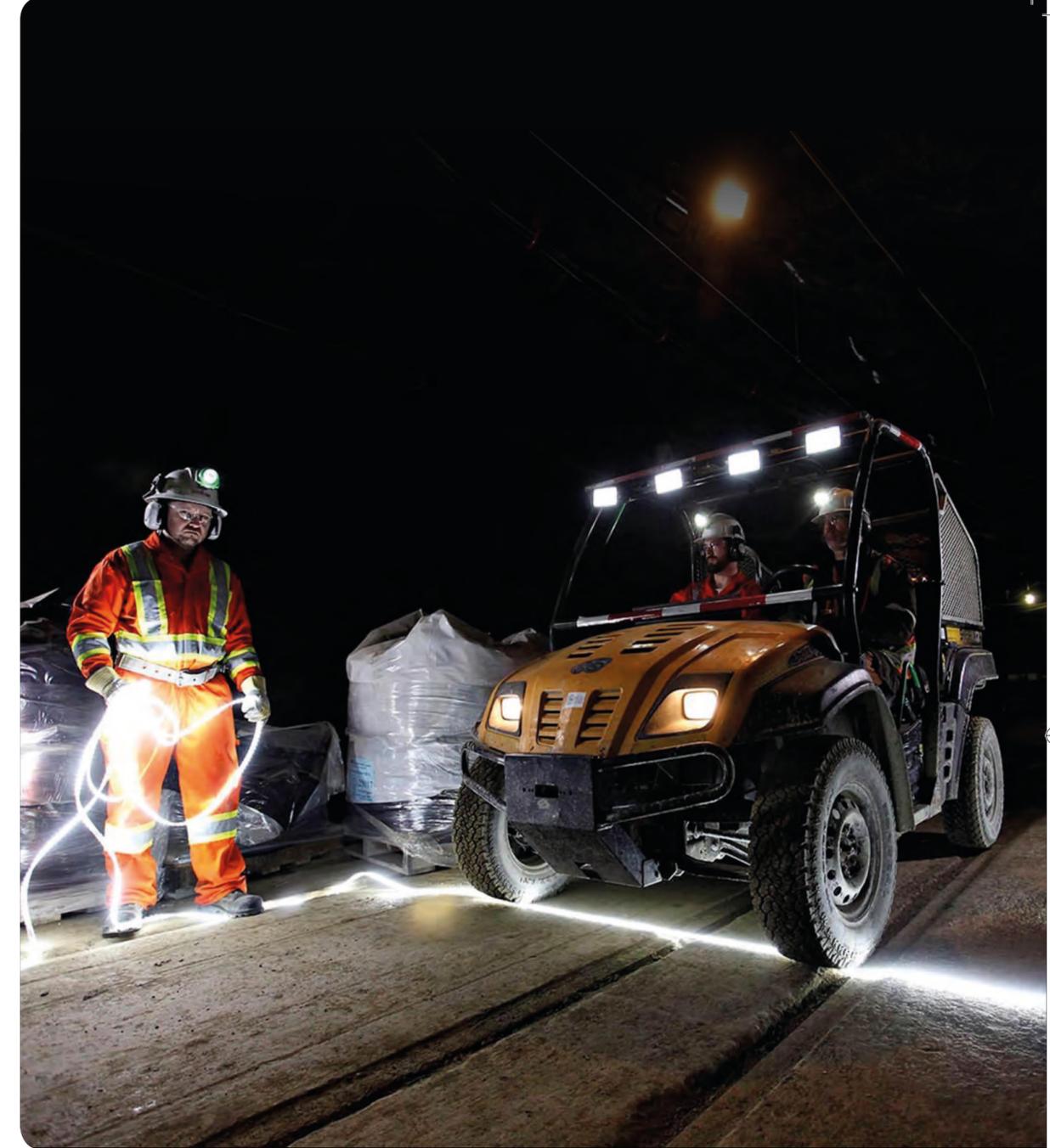
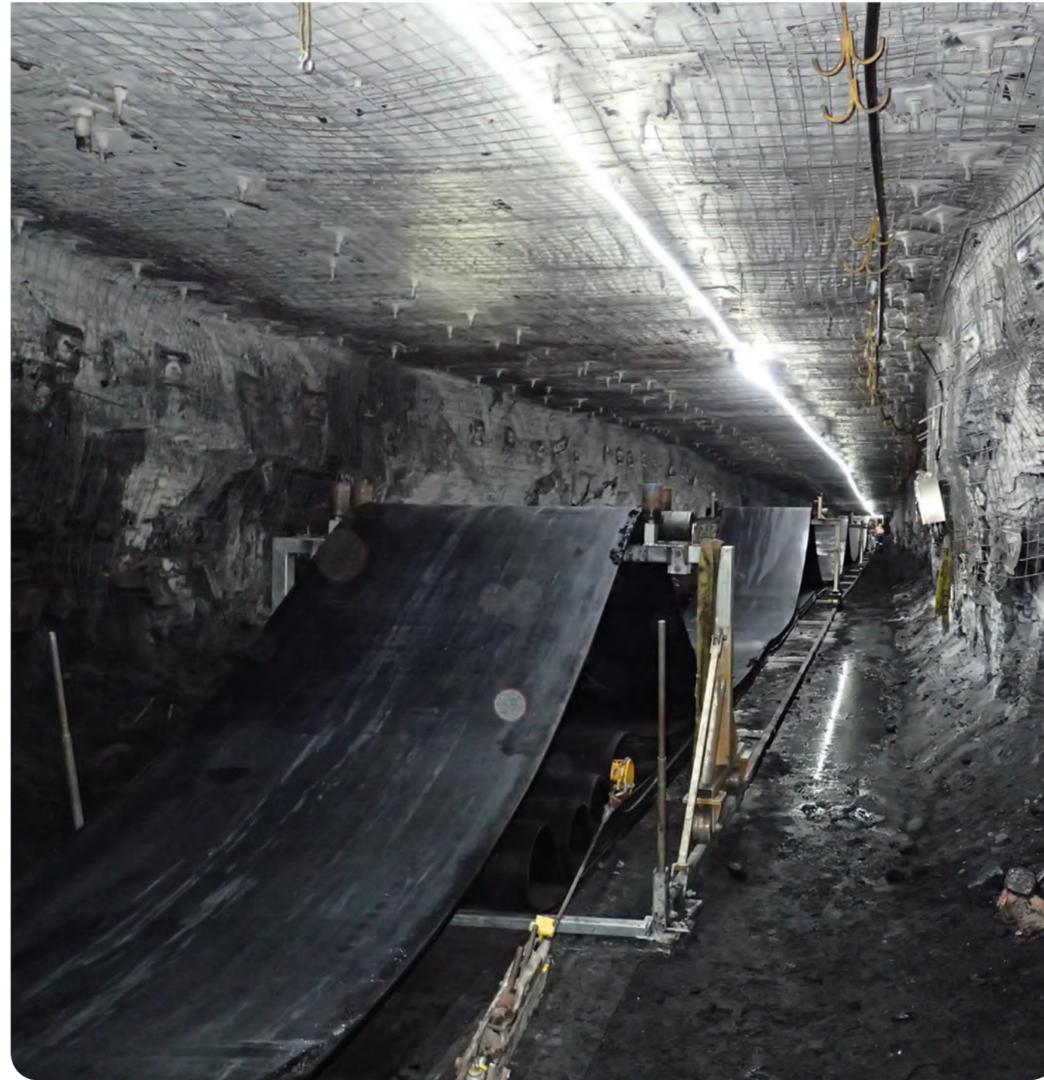
x-Glo LED Strip Lighting is long-lasting

Most conventional underground mining lighting systems lose up to 50% luminescence within the first 4 to 6 months and rarely last beyond the 12 month mark.

x-Glo LED Strip Lighting uses highly specialised components making it able to withstand being continuously energised. x-Glo LED Strip Lighting functions at optimal efficiency in the most challenging environments for long periods of time. The light output lost is marginal at $\pm 5\%$ per annum for the first four years, thereafter stabilising at $\pm 1-2\%$ per annum.



Comparison of Lighting in Mines			
Fitting	Lifespan	Luminescence drop	Timeframe
Compact Fluorescent Lamp	10-12 months	50% loss	6-8 months
Fluorescent Lamp	12-18 months	50% loss	10-12 months
High Pressure Sodium Lamp	18-24 months	50% loss	12-18 months
Metal Halide Lamp	10-12 months	50% loss	6-8 months
General LEDs	12-24 months	50% loss	12-18 months
x-Glo LED Strip Lighting	5 years	30%-50% loss	5 years



x-Glo LED Strip Lighting enhances health and safety

Typical lighting installations in underground mines consist of fixtures that are evenly spaced. This design gives an uneven light distribution with high and low spots of luminescence, causing glare and confusion. This in turn creates a more hazardous working environment. These installations are further exaggerated when lighting failure occurs, leaving even darker areas with no lighting whatsoever.

X-Glo LED Strip Lighting is designed for a complete flood of luminescence, which lights up every crack and cavity in a 180° angle from ceiling to floor.

Because of x-Glo LED Strip Lighting's design there are never any dark spots, only a constant and stable lighting platform. X-Glo LED Strip Lighting has proven to increase safety and awareness dramatically, boost efficiency and increase performance by up to 20%, resulting in higher morale. There is no other lighting system globally available that can match these unique benefits.

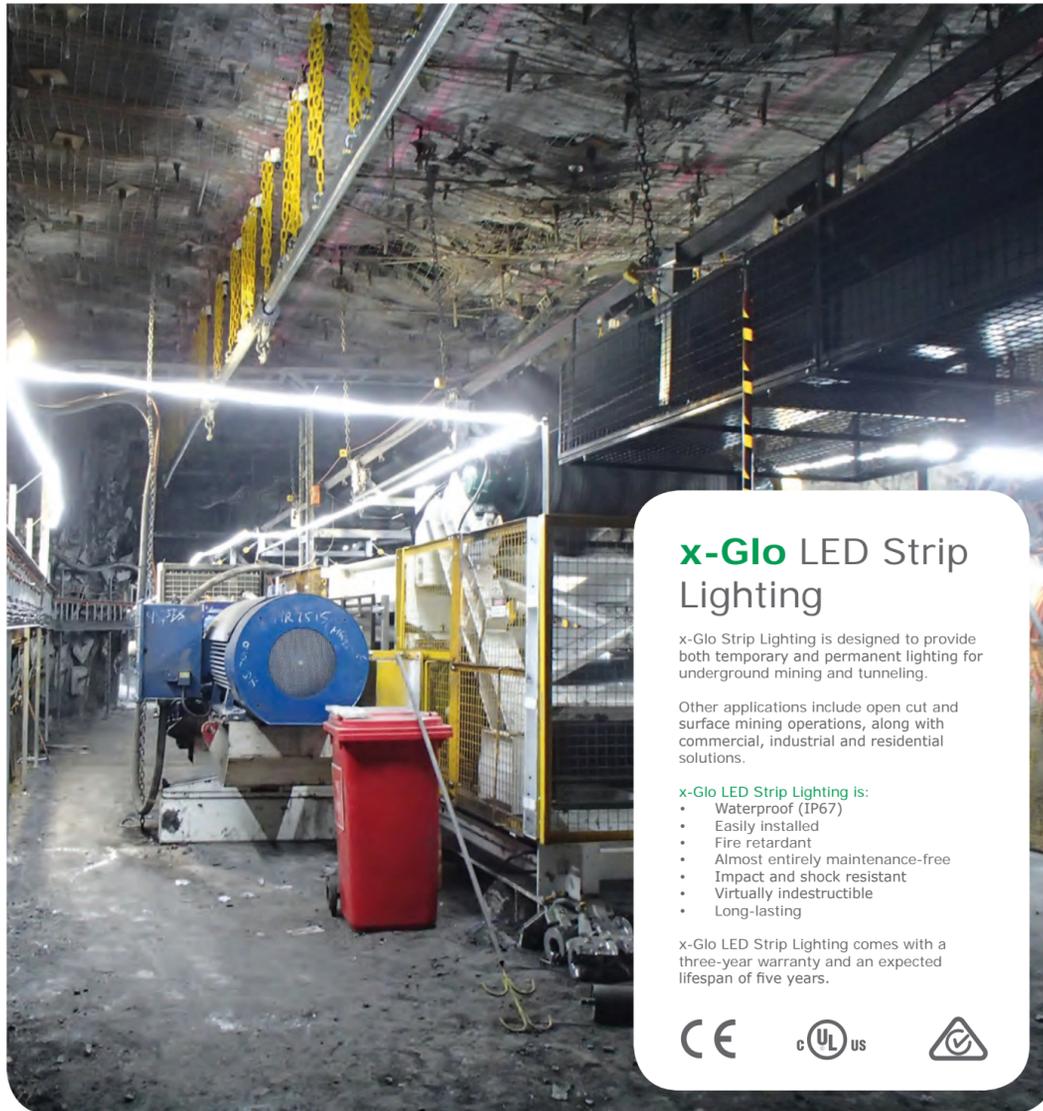




About GLLS

Global LED Lighting Solutions (GLLS) is a dynamic and fast growing company that focuses on developing unique lighting solutions for the mining, commercial and industrial sectors.

Our x-Glo LED Strip Lighting products are designed and manufactured with top quality components to deliver unparalleled lighting, longevity and cost savings.



x-Glo LED Strip Lighting

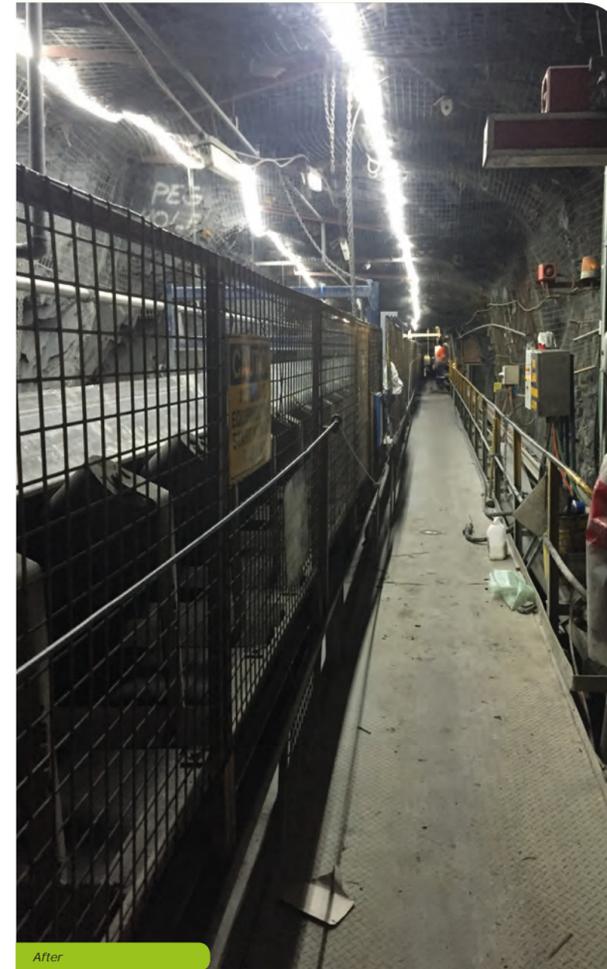
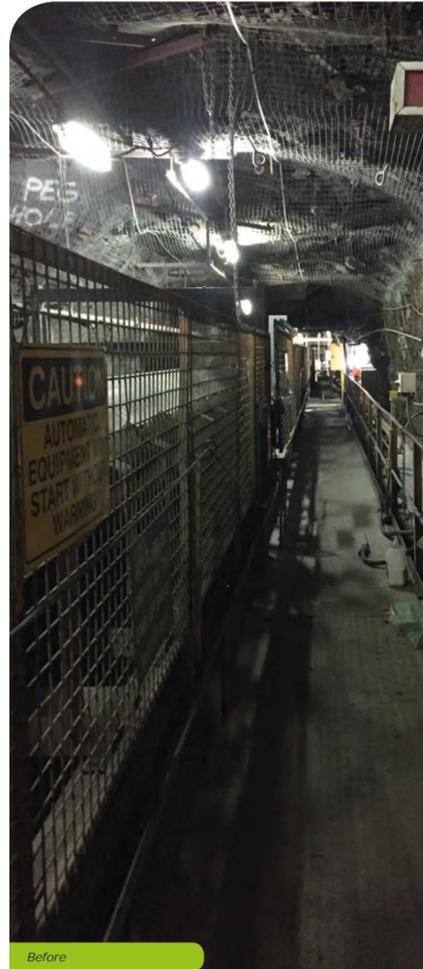
x-Glo Strip Lighting is designed to provide both temporary and permanent lighting for underground mining and tunneling.

Other applications include open cut and surface mining operations, along with commercial, industrial and residential solutions.

x-Glo LED Strip Lighting is:

- Waterproof (IP67)
- Easily installed
- Fire retardant
- Almost entirely maintenance-free
- Impact and shock resistant
- Virtually indestructible
- Long-lasting

x-Glo LED Strip Lighting comes with a three-year warranty and an expected lifespan of five years.



Reduced maintenance requirements

x-Glo LED Strip Lighting has a working life in excess of 50,000 hours, equating to over five years of 24-hour use.

By comparison, the working life of a fluorescent light is significantly shorter than five years and therefore requires more frequent changing out of the light source, more maintenance activity and potential operation impact.

x-Glo LED Strip Lighting does not typically fail catastrophically, as is usually the case with fluorescent lighting, but rather the light output

generally decreases over time. This allows for a regular maintenance schedule and replacement prior to failure, maintaining consistency of lighting and improving safety underground.

The optimum solution for mining illumination, x-Glo LED Strip Lighting is made of a high grade, fire retardant PVC and is IP67 rated, making it compact and robust due to its low profile.

- Virtually indestructible
- Long-lasting

x-Glo LED Strip Lighting's efficiency enhances safety

By improving visibility, reducing glare and decreasing maintenance requirements, x-Glo LED Strip Lighting technology enhances safety in the underground mining environment.

Improved visibility is critical in maintaining a safe working environment underground, with poor lighting cited as a contributing factor in many underground accidents.

Traditional fluorescent lighting creates a wide and broad dispersion of light which generates spill light that can contribute to reflection or glare off PPE cap shields.

In contrast, x-Glo LED Strip Lighting is directional where 100% of the light emission from the LEDs is directed onto the task area, maximising lighting efficiency, minimising spill and reducing the instances of glare.

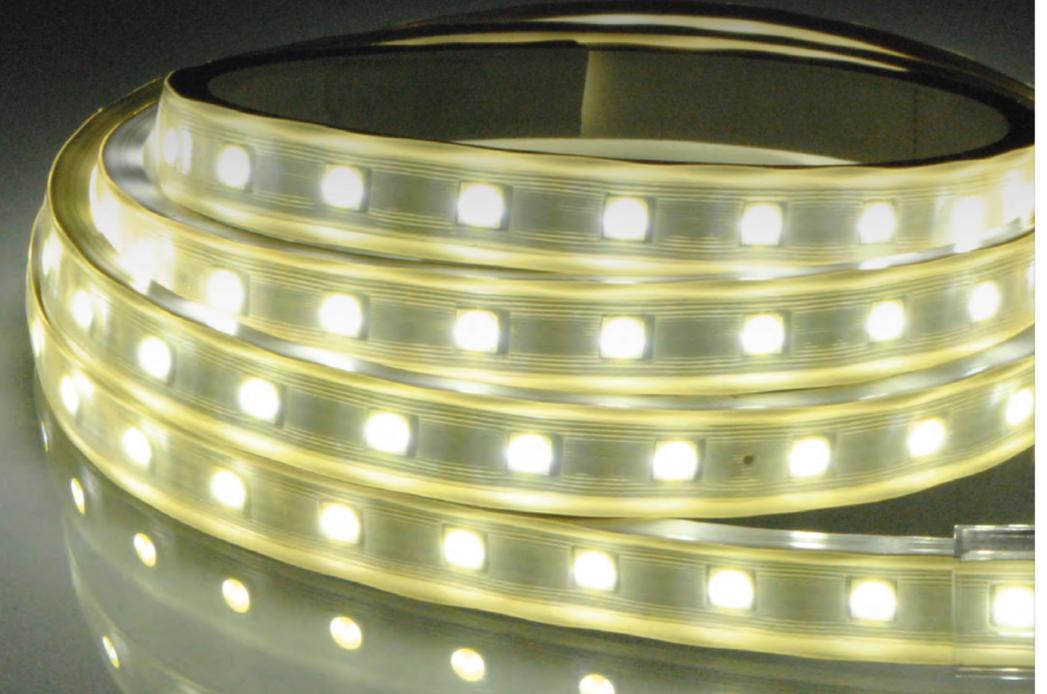
The white light emissions from x-Glo LED Strip Lighting source also allows for a more precise colour recognition when compared to that of fluorescent lighting. This provides a strong contrast to black backgrounds and greater illumination.

x-Glo LED Strip Lighting makes financial sense

Conventional lighting systems are high maintenance due to their short lifespan and high cost due to the need for continuous replacement of components.

Because x-Glo LED Strip Lighting is a low maintenance, long warranty product, costs to maintain its functionality are minimised.

x-Glo has an average return of investment of only one and a half years, thereafter converting original maintenance costs into significant savings. x-Glo LED Strip Lighting is by far the most educated choice as a cost-effective lighting solution for the mining sector.



x-Glo LED Strip Lighting is Energy-efficient

Because x-Glo LED Strip Lighting uses LED lights instead of conventional lighting solutions such as incandescent globes or neon tubes, it uses significantly less electricity and results in immediate and ongoing savings in running costs.