

IMIS Co,

LED Strip Lighting Solution

www.IMISCO.ir

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Beam
Angle



Bending
Diameter



flame
resistant



uv resistant



solvents
resistant



saltwater
resistant



IP67
protection



Ik08
protection



5Year
warranty

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High temperature resistance

180° High Temperature Resistance, Anti-yellowing, no light spot

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180



Low temperature resistance

Colloid under the conditions of -40 with no significant changes in colloidal characteristics

-40

Series A

60LEDs, DC24V

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Part	
LED configuration	60LEDs/m
Range (one end)	20m
Power/meter	14W/M
Light source	SM5050
Working Voltage	DC24V
Flux (lm)	1400lm/m-1500lm/m
Colour temperature	3000k/6000k
Dimensions	W: 12mm * T: 4.5mm
Outer covering	Food grade silicone
IP rating	IP68

Series A

72LEDs, DC24V

IMIS Co,



Part	
LED configuration	72LEDs/m
Range (one end)	40m
Power/meter	9W/M
Light source	SMD5050
Working Voltage	DC24V
Flux (lm)	1000lm/m-1200lm/m
Colour temperature	3000k/6000k
Dimensions	W: 14mm * T: 6mm
Outer covering	Food grade silicone
IP rating	IP68

Series A

60LEDs, DC24V

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Part	RED(A)
LED configuration	60LEDs/m
Range	20m
Power/meter	10W/M
Light source	SMD5050
Working Voltage	DC24V
Colour temperature	RED
Dimensions	W: 12mm * T: 4.5mm
Outer covering	Food grade silicone
IP rating	IP68

Part	GREEN(A)
LED configuration	60LEDs/m
Range	20m
Power/meter	10W/M
Light source	SMD5050
Working Voltage	DC24V
Colour temperature	GREEN
Dimensions	W: 12mm * T: 4.5mm
Outer covering	Food grade silicone
IP rating	IP68

Part	RGB(A)
LED configuration	72 LEDs/m
Range	20m
Power/meter	15W/M(R5,G5,B5)
Light source	SMD5050
Working Voltage	DC24V
Colour temperature	RGB
Dimensions	W: 14mm * T: 6mm
Outer covering	Food grade silicone
IP rating	IP68

Series B

120LEDs, DC24V

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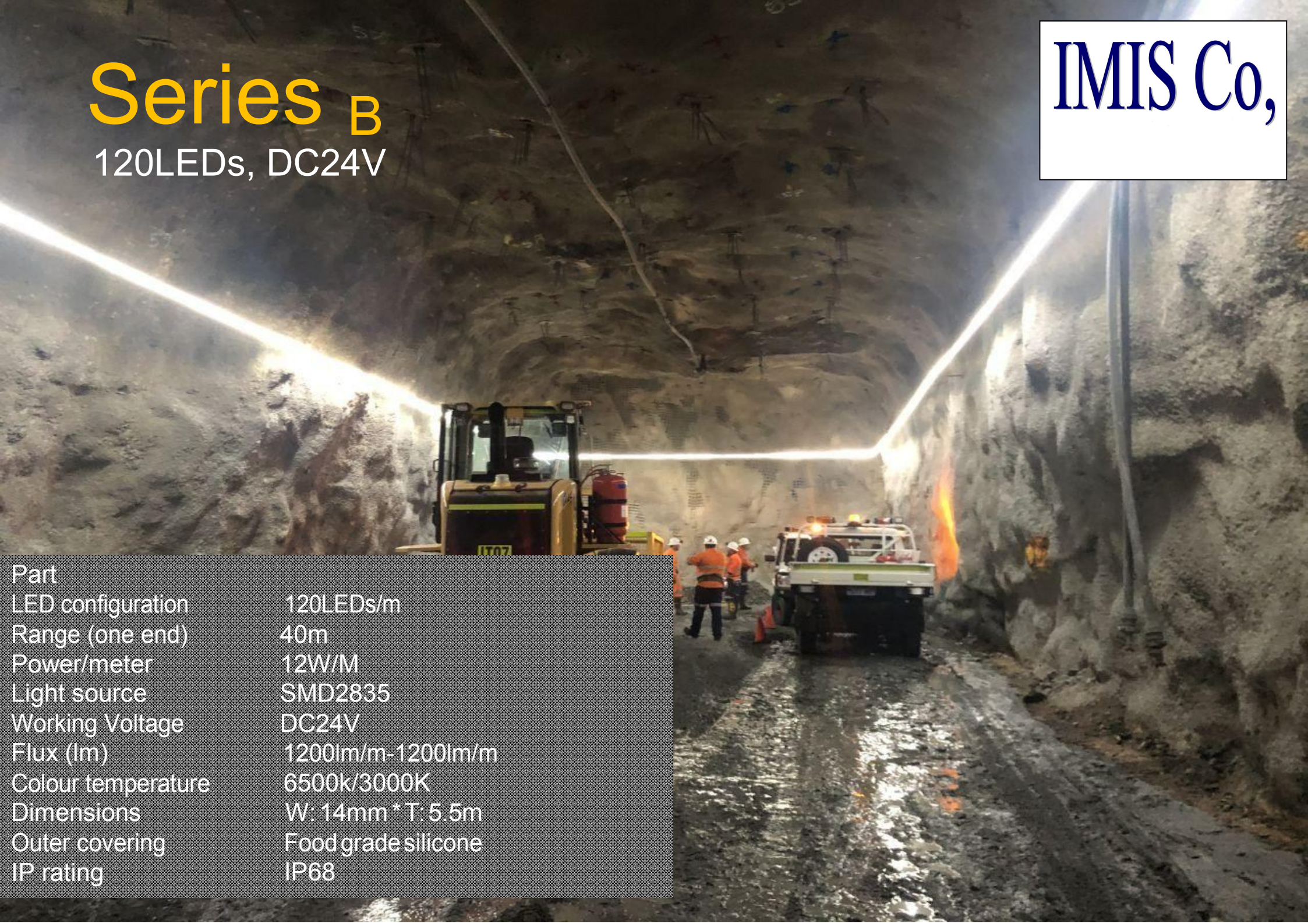


Part	
LED configuration	120 LEDs/m
Range (one end)	20m
Power/meter	12W/M
Light source	SMD2835
Working Voltage	DC24V
Flux (lm)	1200lm/m-1400lm/m
Colour temperature	6500k/3000k
Dimensions	W: 12mm * T: 4.5mm
Outer covering	Food grade silicone
IP rating	IP68

Series B

120LEDs, DC24V

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Part	
LED configuration	120LEDs/m
Range (one end)	40m
Power/meter	12W/M
Light source	SMD2835
Working Voltage	DC24V
Flux (lm)	1200lm/m-1200lm/m
Colour temperature	6500k/3000K
Dimensions	W: 14mm * T: 5.5m
Outer covering	Food grade silicone
IP rating	IP68

Series B

140LEDs, DC24V

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Part	
LED configuration	140LEDs/m
Range (one end)	20M
Power/meter	15W/M
Light source	SMD2835
Working Voltage	AC24V
Flux (lm)	1500lm/m-1600lm/m
Colour temperature	6500k/3000k
Dimensions	W: 12mm * T: 4.5mm
Outer covering	Food grade silicone
IP rating	IP68

Series B

140LEDs, AC24V

IMIS Co,



Part	
LED configuration	140 LEDs/m
Range (one end)	40m
Power/meter	15W/M
Light source	SMD2835
Working Voltage	AC24V
Flux (lm)	1400lm/m-1600lm/m
Colour temperature	6500k
Dimensions	W: 14mm * T: 5.5mm
Outer covering	Food grade silicone
IP rating	IP68

Series B

DC24V (RGB)

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Part	RED(B)
LED configuration	120 LEDs/m
Range	10m
Power/meter	15W/M
Light source	SMD2835
Working Voltage	DC24V
Colour temperature	6500k
Dimensions	W: 12mm * T: 4.5mm
Outer covering	Food grade silicone
IP rating	IP68

Part	GREEN(B)
LED configuration	120 LEDs/m
Range	10m
Power/meter	15W/M
Light source	SMD2835
Working Voltage	DC24V
Colour temperature	6500k
Dimensions	W: 12mm * T: 4.5mm
Outer covering	Food grade silicone
IP rating	IP68

Part	RGB(B)
LED configuration	120 LEDs/m
Range	10m
Power/meter	18W/M (R6, G6, B6)
Light source	SMD2835
Working Voltage	DC24V
Colour temperature	6500k
Dimensions	W: 14mm * T: 5.5mm
Outer covering	Food grade silicone
IP rating	IP68

Series c

120LEDs, DC12V

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Part	
LED configuration	120 LEDs/m
Range (one end)	10m
Power/meter	14W/M
Light source	SMD2835
Working Voltage	DC12V
Flux (lm)	1400lm/m-1500lm/m
Colour temperature	6500k
Dimensions	W: 12mm * T: 4.5mm
Outer covering	Food grade silicone
IP rating	IP68

Series c

60LEDs, DC12V

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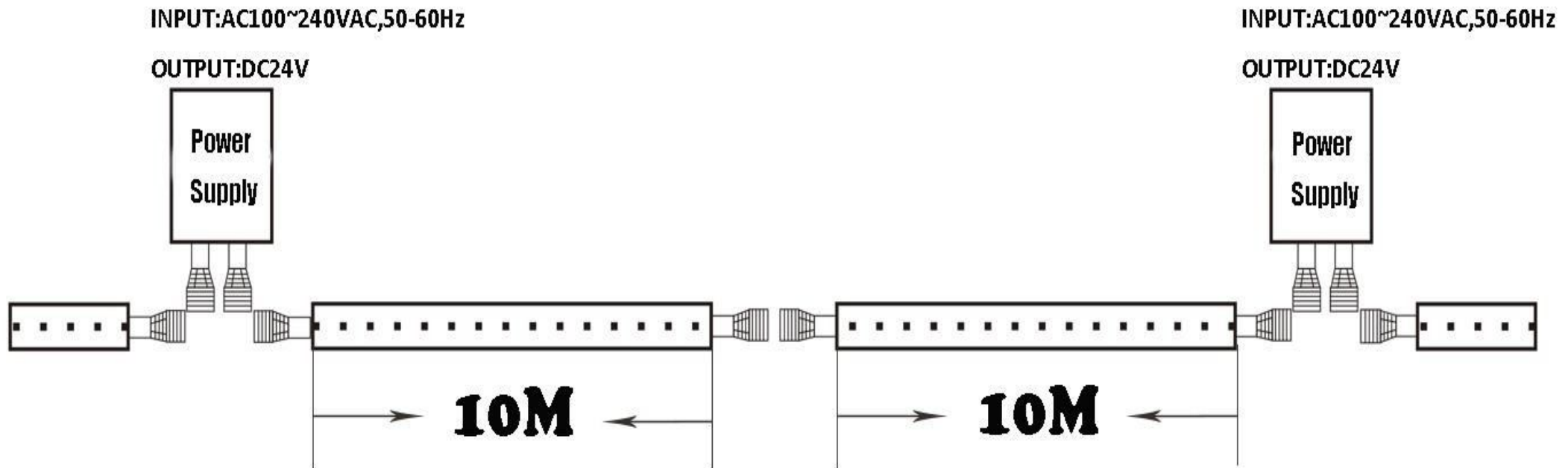


Part	
LED configuration	60LEDs/m
Range (one end)	20m
Power/meter	15W/M
Light source	SMD5050
Working Voltage	DC12V
Flux (lm)	1500lm/m-1600lm/m
Colour temperature	6500k
Dimensions	W: 14mm * T: 5.5mm
Outer covering	Food grade silicone
IP rating	IP68

Dynamic Light Wiring

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* Strip Light



- 1, The power supply can drive one length or different lengths within allowed maximum length by feeding light both ends.
- 2, To minimize the voltage drop and keep light consistency, position power supply nearest to the power feed end of LED strip light and keep the power line as short as possible.

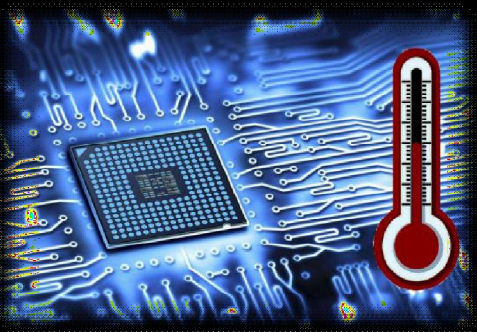
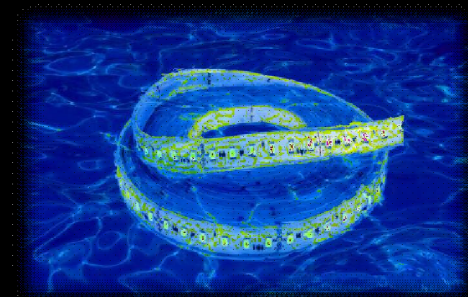


Plug and play system

IP68 Male and female connectors

Protection rate: IP68

Waterproof for strip light and power supply



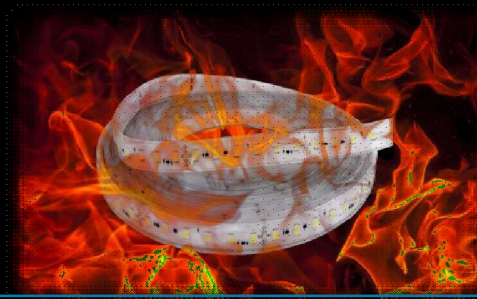
Intelligent Temperature Management

Sensors monitor LED temperature and if safe parameters are exceeded the affected LED's are automatically dimmed until safe temperatures are restored

High & low temperature resistant

Working ambient temperature: -40°C ~ 80°C

Operating ambient temperature: -20°C ~



Potential Benefits of Using IMISCO LED Strip Light

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Safe working environment -

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

The Strip Lights illuminate potential dangers by providing a complete flood of light from floor to ceiling, as opposed to any globe configuration where these spaced lights can blow or get damaged. This can substantially boost the efficiency of workers.

Fast and safe repairs -

Repairs can be carried out safely and quickly under live conditions, by only replacing the section that failed. The ingenious ring feed design, guarantees perfectly functioning lighting even when severed, further reducing the need for repairs.

Easier installation -

LED Strip Lights are much lighter weight to carry and work with compared to conventional lighting. A Female individual can easily carry up to 100 meters or more and can install or maintain sections singlehandedly.

Less downtime -

Strip Lights do 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.

Financial Benefit -

Low maintenance in direct contrast to short lifespan and high cost of conventional lighting systems due to the continuous need for replacement of components.

Energy – Efficient -

LED lights use significantly less electricity and result in immediate and ongoing savings in running costs when compared to conventional lighting solutions such as incandescent globes or neon tubes



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