

MAGFLEX



MAGNITECH
LIGHTING INDUSTRIES

Industrial LED Rope Light



5W/m

460
lumens

8W/m

780
lumens



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SABS
ISO 9001

Hello **Versatility!**

The MAGFLEX is a rugged, high-performance industrial LED rope light engineered for demanding environments such as tunnels, conveyor belts, and enclosed mining corridors. Designed with safe extra-low voltage (SELV) operation, MAGFLEX delivers long continuous runs—up to 50 metres powered from a single end or 100 metres when powered from both ends.

This modular plug-and-play system is built for rapid deployment and durability, featuring a non-toxic silicone body, patented anti-dust coating, and optional glow-in-the-dark emergency indication. With flexible mounting, advanced power stabilisation, and class-leading energy efficiency, MAGFLEX is your go-to solution for reliable linear lighting in critical infrastructure environments.

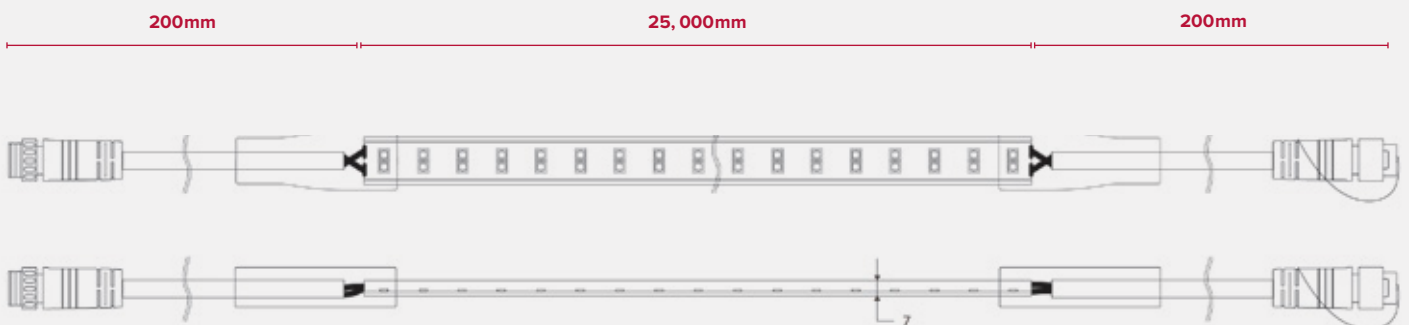


Fit-For-Purpose:

- Industrial Lighting
- Outdoor Lighting
- Haulages
- Conveyors
- Tunnel Lighting
- Zone 1 (Available)



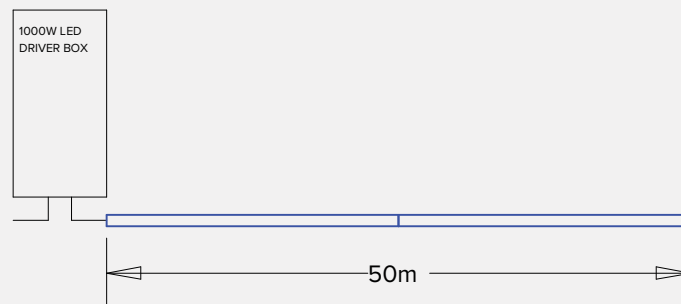
Dimensions



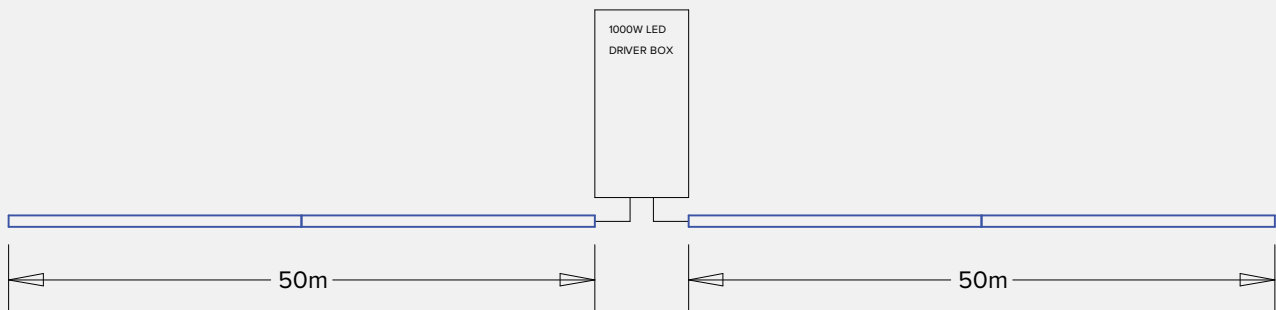
MAGNITECH - BENCHMARKING THE STANDARD OF **QUALITY**



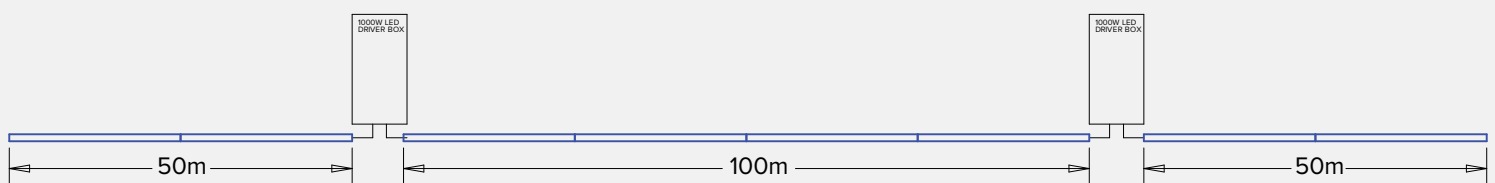
Single Channel (max)
Fed from one output



Double Channel (max)
Fed from two outputs

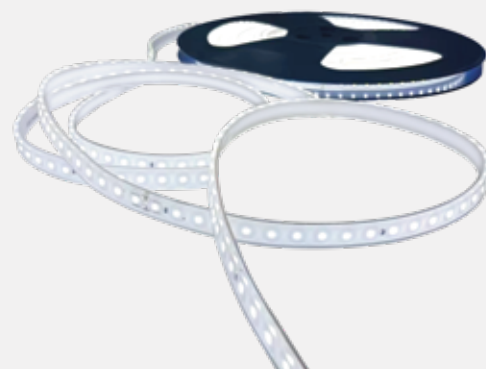


Dual Feed (max)
Fed from both ends





FEATURE	LED ROPE SPECIFICATIONS
NOMINAL POWER	8W/m or 5W/m (Long range on request)
NOMINAL FLUX (LM)	8W/m - 780lm 5W/m - 460lm
COLOR TEMPERATURE	5700K (STANDARD) GREEN (OPTIONAL)
LED LIFETIME (HOURS) @ TA 25 °C	54 000 HRS
CRI	>80
DIFFUSER	SILICONE
VOLTAGE	48VDC
OPERATING TEMPERATURE	-10°C to 40°C
IP RATING	IP67
WEIGHT (BOX)	2KG
BEAM ANGLE	125°
INSTALLATION	SURFACE MOUNT



FEATURE	DRIVER BOX SPECIFICATIONS
INPUT VOLTAGE	90-305V ~ 50/60Hz
IP RATING	IP66
MATERIAL	306 STAINLESS STEEL (STANDARD) 316 SS (OPTIONAL)
DIMENSIONS	500mm X 400mm X 150mm
WEIGHT	17,7KG
OPERATING TEMPERATURE	-10°C to 40°C



Ordering Data

PRODUCT CODE	POWER	LUMENS	CCT	CRI	REEL LENGTH	MAX COVERAGE
FLX0208	8W/m	780lm/m	5700K	>80	25m	100m
FLX0208G	8W/m	Indication Light	Green	N/A	25m	100m
FLX0204	5W/m	460lm/m	5700K	>80	25m	200m

Due to continuing R&D, the above data may change without prior notice. Please consult us for the latest available options. Warranties subject to our standard terms and conditions of sale. Visit our website for our full product range - www.magnitech.co.za.

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