Product Specification Sheet

30M LED Lighting Strip – 230V

This 30 meter length temporary LED strip lighting system produces effective site lighting for a range of environments such as; construction sites, data centres, factories, walkways and warehouses. This products is able to be interlinked to additional strips up to a maximum length of 100m.
Incorporating a high-density 180 LED/m configuration, delivering up to 1200 lm/m with consistent performance and uniform illumination, utilises a flame-retardant PVC housing with integrated copper conductors, providing high mechanical flexibility and durability for demanding operating environments.
Rated to IP65 and IK10, the system is engineered for continuous-duty operation with stable thermal and electrical performance across extended installation lengths.
Compliant with EN 60598 luminaire safety and EMC standards, with emergency battery backup and switched options available.

29-10-2026 | 21:06:49

EL-BJÖRN UK Ltd
Unit 5 Beacon Hill Logistics Park, Beacon Hill Road, Church Crookham,
Fleet, Hampshire, GU52 8DY
Phone: (+44) 01483 729 348
E-mail: info@elbjorn.com

Product Benefits

- 30 meter LED lighting strip
- High density 180 LED chips per meter for superior brightness
- Plug and Play installation
- Maximum length of up to 100m
- Compatible with a 2 hour emergency backup power bank

Technical Data

Product name	30M LED Lighting Strip – 230V
Product Number	GBP20004
Reel length	30m
Input voltage	230V
Max run length	100 m
Power per metre	12 W/m
Luminous output	1,200 lm/m
CCT	5000 K
Power factor	0.94
Colour rendering index	CRI >80
Colour tolerance	2.1 SDCM
Light distribution	120 degrees
LED type / density	SMD 2835 / 180 LEDs per metre
Nominal efficacy (high-output)	100 lm/W

29-10-2026 | 21:06:49

EL-BJÖRN UK Ltd
Unit 5 Beacon Hill Logistics Park, Beacon Hill Road, Church Crookham,
Fleet, Hampshire, GU52 8DY
Phone: (+44) 01483 729 348
E-mail: info@elbjorn.com

Strip dimensions	8 x 16 mm
Weight	10 kg
Materials	PVC / PCB / LED
Ingress protection	IP65
Impact protection	IK10
Flammability classification	UL94 V-1
Operating ambient temperature	-10 degrees C to +45 degrees C
Declared LED lifetime	30,000 hours (L70 B50)

29-10-2026 | 21:06:49

EL-BJÖRN UK Ltd
Unit 5 Beacon Hill Logistics Park, Beacon Hill Road, Church Crookham,
Fleet, Hampshire, GU52 8DY
Phone: (+44) 01483 729 348
E-mail: info@elbjorn.com