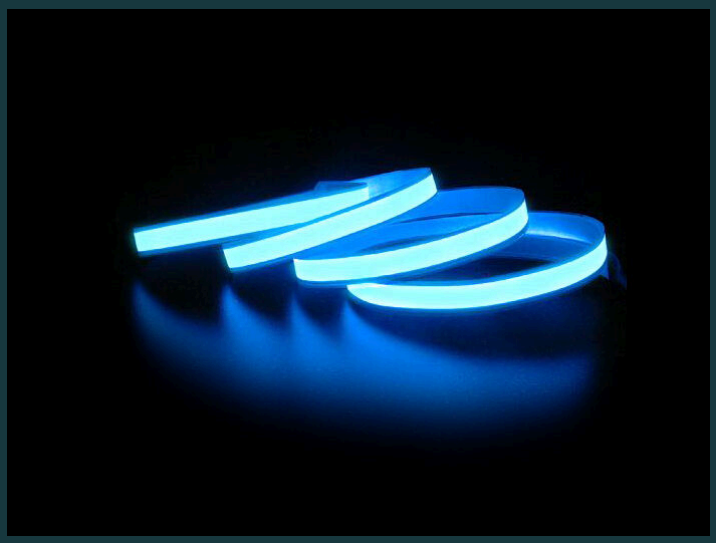
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INDUSTRIAL PRODUCT DATASHEET

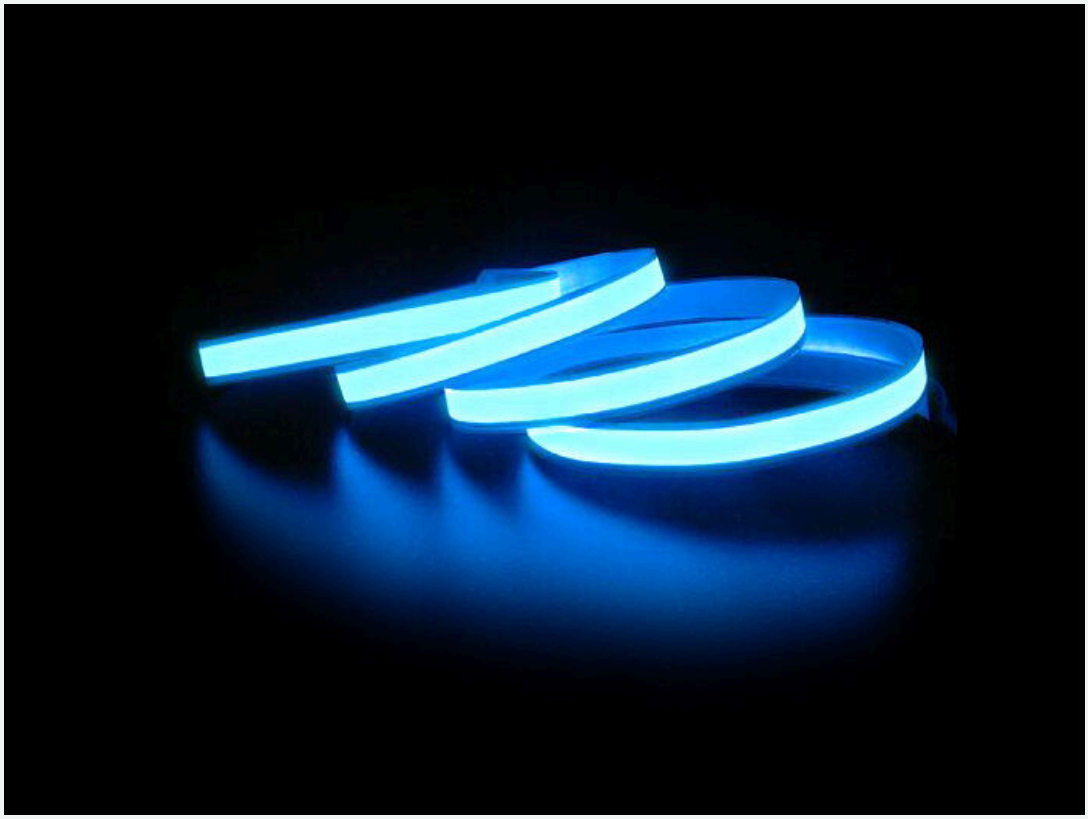
EL Tape - Blue 1m

EL Tape - Blue 1m: a bendable, cuttable, waterproof electroluminescent tape providing soft, heat-free light for creative and sensitive uses.

SKU	UPDATED	PRICE
104990070	2024-08-09 02:11:41	$5.40(Excl. VAT)



Overview



The EL Tape - Blue 1m is a one-meter long electroluminescent tape compatible with our EL inverters and Shield, delivering a gentle glow without heat or UV emission. It is bendable, cuttable to any length, waterproof except the connector, and ideal for art projects and heat-sensitive applications.

Key Features

This one meter long EL Tape has the same connector as our other EL products, it can be driven by either our **EL 2xAA Pocket Inverter** or our **EL USB Inverter** and controlled by **EL Shield**. It’s a great material for art projects because of its gentle glow, and it’s perfect for situations that require heat sensitivity because EL products don’t release any heat when operating.

Features

- No heat loss
- Bendable, and able to tie into any shape
- Can be cut to any length
- High efficiency (97%)
- Does not emit UV light
- Soft light that is not harsh on the eyes
- Waterproof, except the connecter
- The higher voltage EL USB inverter is recommended because it produces a stronger light

Specifications

- Length : 1 m
- Width: 15 mm (including the plastic sheath)
- Thickness: 0.4 mm -1.0 mm
- Operating Voltage: 100 V ~ 220 V Optimum : 120 V
- Operating Frequency: 50 Hz ~ 5000 Hz Optimum: 1500 Hz - 2000 Hz
- Static Capacitance: 6 nf/m (20 °C, the RH <80%)
- Brightness: 30 cd/m2 ~ 126 cd/m2 (at 120 V, 200 Hz ~ 2000 Hz)
- Power: 108 mw/m ~ 1032 mw/m (at 120 V, 200 Hz ~ 2000 Hz)
- Life: approximately 8000 hours
- Operating Temperature/Humidity: -10 °C ~ + 60 °C/RH < 90%
- Storage Temperature/Humidity: -10 °C ~ + 60 °C/RH < 65%

Product Gallery



Resource Links

- https://www.seeedstudio.com/EL-Tape-Blue-1m-p-1183.html

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