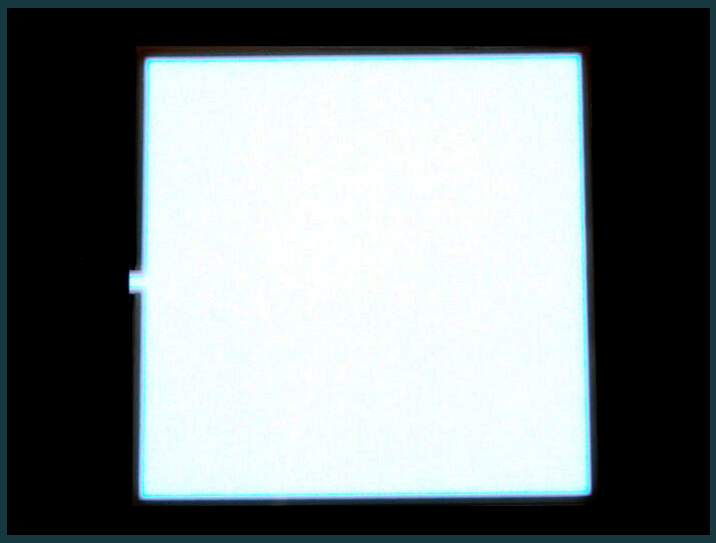
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INDUSTRIAL PRODUCT DATASHEET

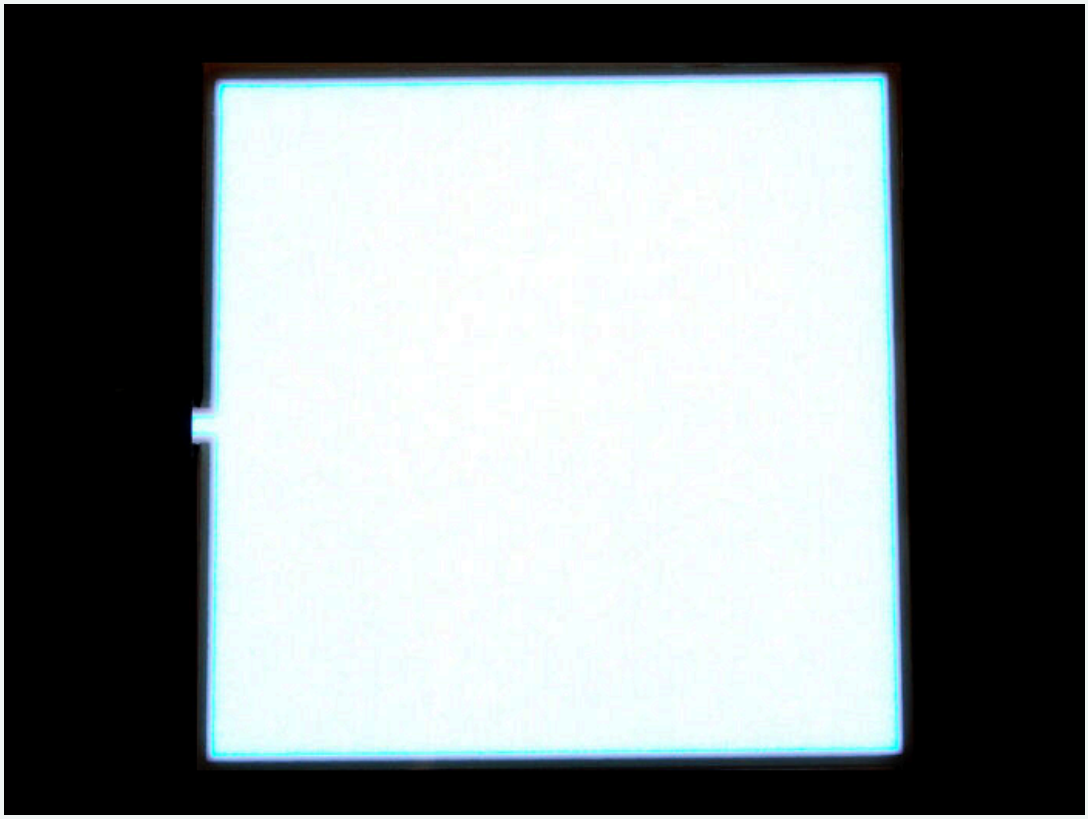
EL Panel - White 10cm x 10cm

A 10cm square flexible EL panel offering a waterproof, cool, soft-glow lighting solution ideal for backlighting, wearable, and decorative applications.

SKU	UPDATED	PRICE
104990050	2024-08-09 02:11:41	$8.90(Excl. VAT)



Overview



The EL Panel - White 10cm x 10cm is a flexible, portable electroluminescent sheet that provides a soft, efficient glow with no heat loss or UV emission. It can be used as a backlight, affixed to flat or curved surfaces, wrapped around objects, or integrated into wearable projects, and can be cut into other shapes for custom applications.

Key Features

A big sister to our **EL tape**, the EL panel is a similar item that comes in a 10 cm square format. You'll notice when working with it that it shares some of the same features as the EL tape: flexibility, portability, and a beautiful soft glow. It can be used as backlight for an illuminated device, or a platform for paper-cutting artwork. Post it on a flat surface or wrap it around a curved surface. Use it in a project as a lighting element or attach it to a shirt. The options are amazing.

You need **an inverter** to drive the EL light, to control it, please pick up an **EL Shield**.

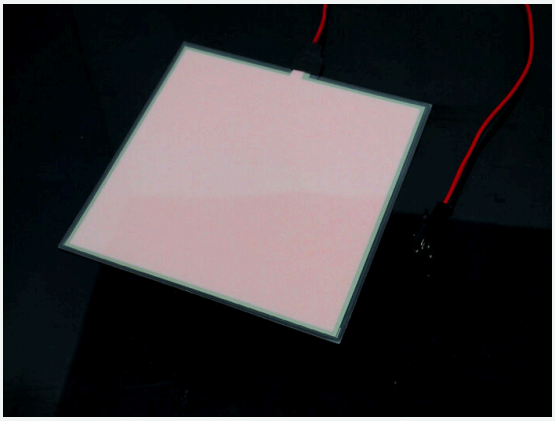
Features

- No heat loss
- Great backlight material
- 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
- **Able to be cut into other shape**

Specifications

- Dimension: 10 cm x 10 cm
- 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-Panel-White-10cm-x-10cm-p-1189.html

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