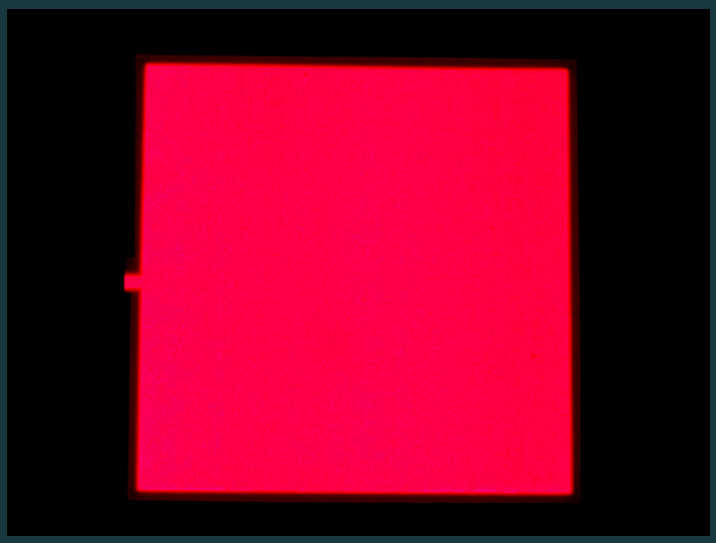
seeed studio

INDUSTRIAL PRODUCT DATASHEET

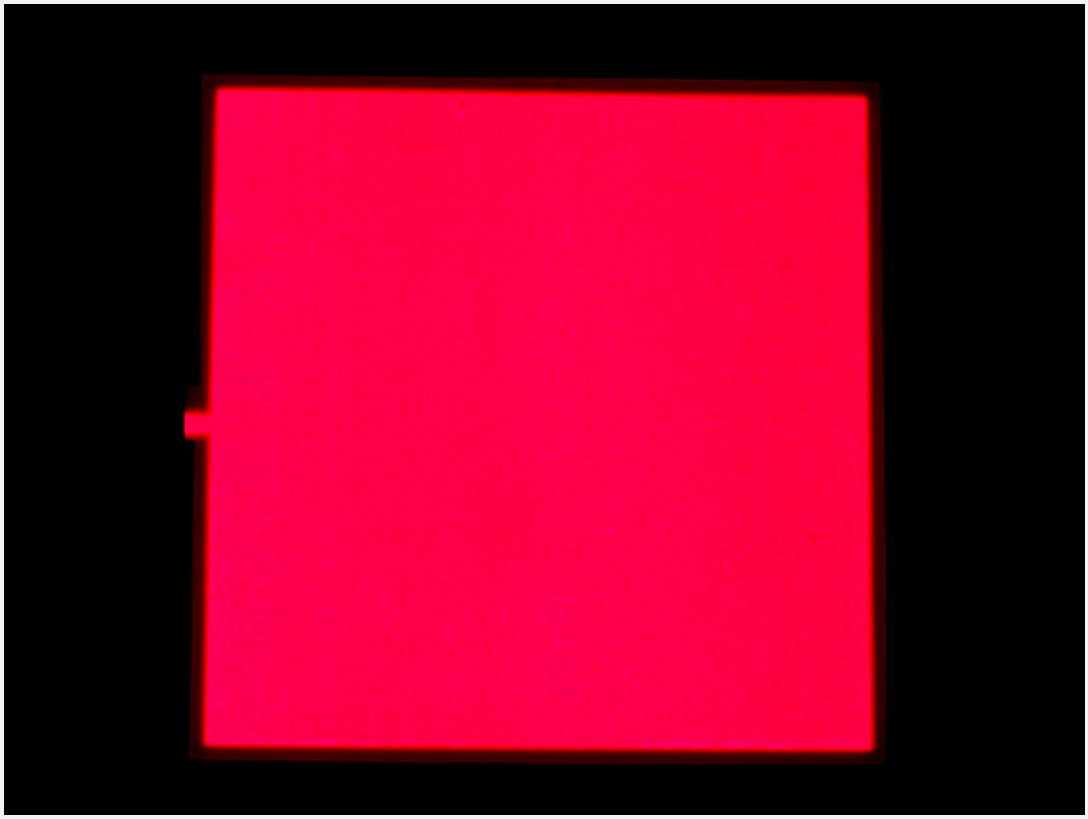
EL Panel - Red 10cm x 10cm

Flexible 10cm x 10cm red EL panel providing soft, efficient backlighting without heat or UV emission, ideal for wearables and decorative projects.

SKU	UPDATED	PRICE
104990047	2024-08-09 02:11:41	$8.90(Excl. VAT)



Overview



The EL Panel - Red 10cm x 10cm is a flexible, portable lighting panel that emits a soft, non-UV glow with no heat loss and 97% efficiency. It can be used as a backlight, on flat or curved surfaces, or attached to clothing, and requires an inverter such as the EL Shield for operation.

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**.

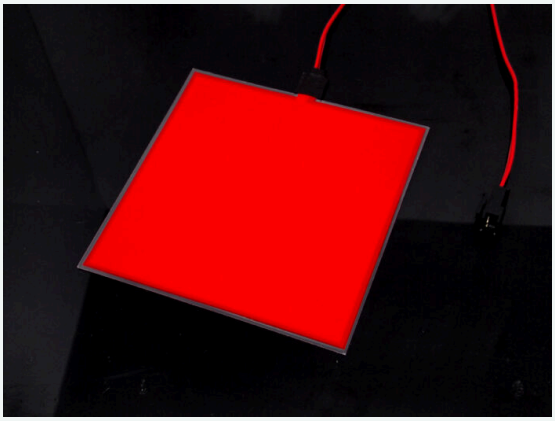
Features

- 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-Red-10cm-x-10cm-p-1187.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com