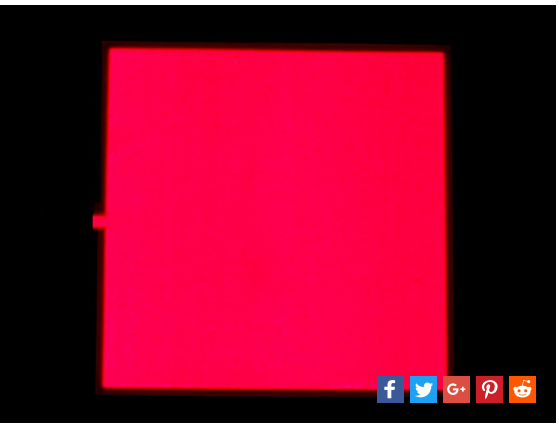


EL Panel - Red 10cm x 10cm

SKU 104990047

A big sister to our EL tape, the EL panel is a similar item that comes in a 10 cm square format

OUT OF STOCK
This item is not available at the moment
Get notified when it's back in stock

Description

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%

See More

Questions and Answers

Have a question about this? Ask people who own it.

0

What is the resistance (in Ω) of the el panel?(I use the el panel as a load for my circuit driver)

iordacheralexandru on Apr 04,2017 Reply | upvote (0)

Hello, I am sorry but we don't have the para you need. I think it should be larger that 1M.

Thanks.

ae on Apr 14,2017 11:24 AM Reply |

Recommendations

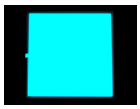
EL Panel - Green 10cm x 10cm

EL Panel - Yellow 10cm x 10cm

EL Panel - Blue 10cm x 10cm

EL USB Inverter

EL wire 2xAA pocket inverter


EL Panel - Light Blue 10cm x 10cm

EL Panel - White 10cm x 10cm

EL Tape - Red 1m

EL Wire-Blue 3m

EL Wire-Red 3m

EL Tape - Blue 1m

Downloaded from Arrow.com.

upvote (0)

0

How many nm ?

Matteo Ruggeri on Oct 19,2016

Reply | upvote (0)

Hello.Please forgive my poor comprehension.Could you show your question more detailed.Thanks.

Jacket Chen on Oct 20,2016 10:43 AM

Reply | upvote (0)

0

Can i directly connect this panel to my wall outlet with 220v 50hz?

See More

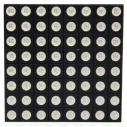
View History

LCD 16*2 Characters - Green Yellow back light

ADD TO CART

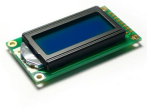
5mW Laser Module emitter - Red Point

BACKORDER



8x8 RGB LED Dot Matrix - Compatible with Rainbowdu...

ADD TO CART



LCD 8*2 Characters - Blue back light

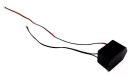
ADD TO CART

5mW Laser Module emitter - Red Line

ADD TO CART

EL Wire-White 3m

EL Tape - White 1m



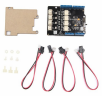
Robust EL Inverter For EL Shield

EL Tape - Yellow 1m

EL Wire-Yellow 3m

EL Wire-Green 3m

EL Tape - Green 1m



EL Shield

5mW Laser Module emitter - Red Line

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