



ELECTROLUMINESCENT

THE NEXT GENERATION OF PRINTING
"Illuminate your ideas with EL Technology"



T. (855) 482-9423 F. (941) 554-8156
1188 N Tamiami Trail Unit 101, Sarasota FL 34236
www.TaxiMediaSolutions.com

WHAT'S EL TECHNOLOGY?

EL TECHNOLOGY IS THE NEXT GENERATION OF PRINTING!

EL, or electroluminescent signage, is essentially a flat light bulb sandwich consisting of layers of conductive and non-conductive plastic and a layer of phosphor. The phosphor is laminated between two conductive layers and, as a voltage is applied between the two conductive layers, or electrodes, the phosphor emits light energy.

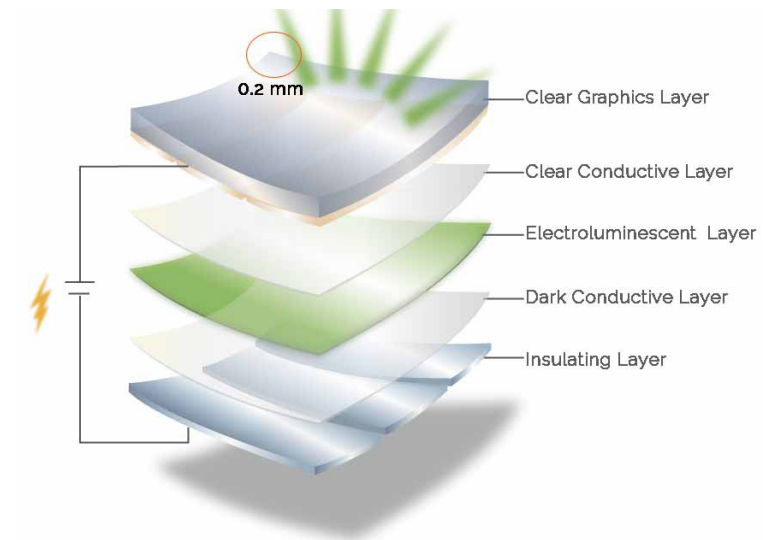
When a high-quality, high-resolution image is printed over the light, it behaves like a backlit sign.

SOME MATERIALS WHERE YOU CAN USE IT

Banner
Adhesive vinyl
Backlit
Clear vinyl
Window cling
Floor graphic
PVC

SOME USES EL TECHNOLOGY

Car wraps
Posters
Wallpaper
Building murals
Displays
POP
Stands – trade shows
Light boxes
Flag banners (double and single side)
Shelf (retail stores)
Billboards
Taxi tops
Bus shelters
T-shirts



OUTDOOR INFORMATION

A specially formulated laminate that provides up to 99% humidity protection.

BENEFITS OF EL TECHNOLOGY

We will work closely with you to design a customized solution for your specific project.

- » Can be seen at greater distances
- » Does not impair night vision
- » Not affected by vibration (Vibration Resistant)
- » Flexible and bright
- » Cool to touch and light-weight
- » Highly visible in darkness
- » EL does not generate heat, and therefore needs no special venting
- » As thin as a debit card is only 0.025" thick
- » It can be mounted flat against a wall
- » Continues to operate, even if punctured
- » Works for outdoor exposure, can be sealed in a UV protected or moisture resistant laminate
- » Create dynamic advertising, compatible with traditional advertising spaces
- » Can be made in any color

QUICK FACT:

Lamp life is related to how bright (how much voltage and frequency) the Lamp is operated at.

TECHNICAL INFORMATION

SIGN MATERIAL	"Multi-laminate construction
SIZES & SHAPES	Any shape up to 36" x 72" - Custom shapes available
VIEWING ANGLE	Better than 160 Degrees
BRIGHTNESS	Min 100 cd.m2
LIFE	20,000 hours + (Life is increased if sign is animated or cycled)
SAFETY	No Ultraviolet Radiation emitted
INDOOR / OUTDOOR	Can be operated in both environment
OPERATING TEMP	Operates from - 30 ° C to + 70 ° C
STORAGE TEMP	-40 ° C to + 85 ° C
HUMANIDITY RANGE	5% to 95% Humidity
WEIGHT	A typical display or sign 6" x 12" (72 in2) weighs ~10 oz
POWER RESOURCES	DC 1.5V to 24V and or AC110/220V
SUPPLY VOLTAGE	AC60V to AC 220V
OPERATING CURRENT	Maximum to 0. 25 mA/cm2
OPERATIONG POWER	Low Power Consumption Approx 5 watts " EXIT" sign
POWER INVERTER	Different power configurations to optimize sign parameters
APPROVALS	Solid State switching power supply (UL Listed)
SUPPLY FREQUENCY	1.5KHz sine Wave at AC 100Vrms
WARRANTY"	1 year Factory Warranty for EL Signs, Displays and Inverters"

PRODUCTS

An animated picture is worth more than a thousand words! Turn your high-resolution posters, logos, and banners into dazzling animated EL sheets. EL technology produces highly flexible, thin, lightweight dynamic lighted signs. Depending on their size, these signs can be powered by regular plug-in outlets or battery pack.

In order to get started, you just need to provide us with your artwork (high resolution files) or animated graphics design (gif file). Our design team will advise you on how to best realize dynamic animation effects that will transform your artwork into eye-catching back-lit, energy efficient sheets that can replace traditional bulky light boxes and neon signs. Our advanced production techniques and manufacturing processes have created numerous successful designs for companies all over the world. Check out our Gallery to see some of our Animated World.

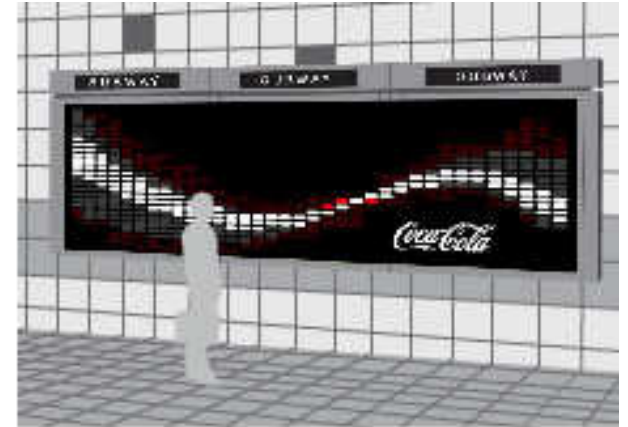
With our EL technology the possibilities are endless! Different shapes, sizes and uses are all open to the imagination. This amazing product will allow you to create signs that can be placed anywhere and greatly enhance the visibility of your message.

The EL panel with UV protection and water proof.
The power supply should avoid water.

QUICK FACT:

All our products come with 6 month warranty on exterior, If used properly.

SOME USES



EL ESTIMATE PRICES 75% ILLUMINATION

Type of Products	Size	Size Inches	Illumination %	Tooling cost	Unit price (2pcs)	Unit price (25pcs)	Unit price (50pcs)	Unit price (100pcs)	Unit price (500pcs)	Notes
EL Panels	120cm x 240cm	48" x 94"	75%	USD500	841	722	681	641	600	Max Single Size
	Shipping				620	140	140	140	140	
	120cm x 180cm	48" x 72"	75%	USD500	607	521	491	463	434	Bus Shelter
	Shipping				445	95	94	95	94	
	120cm x 120cm	48" x 48"	75%	USD500	452	389	367	345	324	
	Shipping				290	75	75	75	74	
	120cm x 70cm	48" x 28"	75%	USD400	263	250	225	212	187	
	Shipping				160	47	47	47	46	
	160cm x 60cm	63" x 24"	75%	USD400	289	261	247	234	205	Chivas Display
	Shipping				180	41	40	40	40	
	70cm x 90cm	28" x 35"	75%	USD200	200	190	181	172	152	
	Shipping				140	52	52	52	52	
	60cm x 90cm	24" x 35"	75%	USD200	181	172	163	155	138	
	Shipping				135	48	48	48	48	
	40cm x 90cm	16" x 35"	75%	USD200	142	135	129	121	108	
	Shipping				120	34	34	34	34	
	40cm x 60cm	16" x 24"	75%	USD100	79	79	75	72	64	Chivas / Bacardi
	Shipping				110	20	20	20	20	
	30cm x 40cm	12" x 16"	75%	USD100	53	53	51	51	43	Becks
	Shipping				60	14	14	14	14	
	30cm x 30cm	12" x 12"	75%	USD100	47	47	44	44	38	
	Shipping				55	14	14	13	13	

Type of Products	Size		Illumination %	Tooling cost	Unit price (2pcs)	Unit price (12pcs)	Unit price (25pcs)	Unit price (50pcs)	Unit price (75pcs)	Unit price (150pcs)	Notes
EL X-Banner	160cm x 60cm	63" x 24"	75%	USD400	215	215	205	194	184	174	Chivas X-Banner
	Shipping				188	85	80	80	267	267	
	160cm x 60cm	63" x 24"	75%	USD400	289	261	247	234	205	195	Ron Zacapa X-Banner
	Shipping				180	85	80	80	267	263	

* THIS PRICES ARE NOT FINAL, ORDERS NEED SECOND QUOTATION DEPENDING THE REAL SIZE, QUANTITY AND % OF ILLUMINATION.

FAQ'S

What is Electroluminescent?

EL, or electroluminescent signage, is essentially a flat light bulb sandwich consisting of layers of conductive and non-conductive plastic and a layer of phosphor. The phosphor is laminated between two conductive layers and, as a voltage is applied between the two conductive layers, or electrodes, the phosphor emits light energy.

What is the Lifetime of the EL?

The lifetime of the EL varies depending on the activated voltage and frequency. When used as POS advertisement the lifetime of the EL will be somewhat shorter than the EL backlight used for electronic instruments because a relatively high voltage and frequency (normally 800 Hz and 110V) is needed to reach this higher brightness. For these product frequencies EL signage products can have a lifetime of about 20,000 to 30,000 hours.

In the EL business sector people normally define the lifetime of the EL based on a frequency of 400Hz and a voltage of AC100V. That is when the EL was first commercially used as backlight for aircraft and electronic instruments. Our EL is activated with a frequency of 400Hz and a voltage of AC100V and has a lifetime of more than 20,000 hours.

Does any artwork can be animated?

Yes, any artwork supplied can be animated to light as per your specifications.

How does the panels are powered by?

Our panels are usually powered by an AC or DC power supply, which differs, based upon the size and illuminated area. Batteries could also be used, in which case we can prolong the life of the batteries by using a motion sensor, timer, solar panels or any other different detectors.

Does EL generate heat?

No, the illuminated phosphor does not generate heat the way conventional light sources do so EL runs cool. You can encapsulate or enclose the panels without fear of them overheating or melting.

FAQ'S

What is the tooling cost?

We charge a tooling fee because we first have to design and make a prototype to produce your order no matter if 1 or 1,000 units. The prototype cannot be reused if the design changes. The tooling fee is only charged for small order and there is no tooling fee for orders of USD \$3,000 or greater. It is also refundable as a credit when your order exceeds USD \$3,000. The minimum order quantity is 2 units.

For example, if you order 2 units, we charge for the 2 units plus tooling costs. If you then place an order for 1,000 units of that design, the cost is just 1,000 x unit price and because your total order is greater than \$3,000, the tooling fee will be refunded.

The tooling fee depends on size of panel, here is the price list for your reference:

Tooling fee:	lighting area size:	Whole panel size:
USD50	21cmx29,7cm	21cmx29,7cm
USD100	40cmx60cm	50cmX65cm
USD200	70cmx100cm	80cmx125cm
USD400	90cmx200cm	100cmx240cm
USD500	110cmx200cm	120cmx240cm

What is the maximum size of EL?

Maximum dimension of sign we can produce in one panel is within 100cm x 200cm for fully lit-up animated sign and 120cm x 240cm for partially lit-up animated sign.

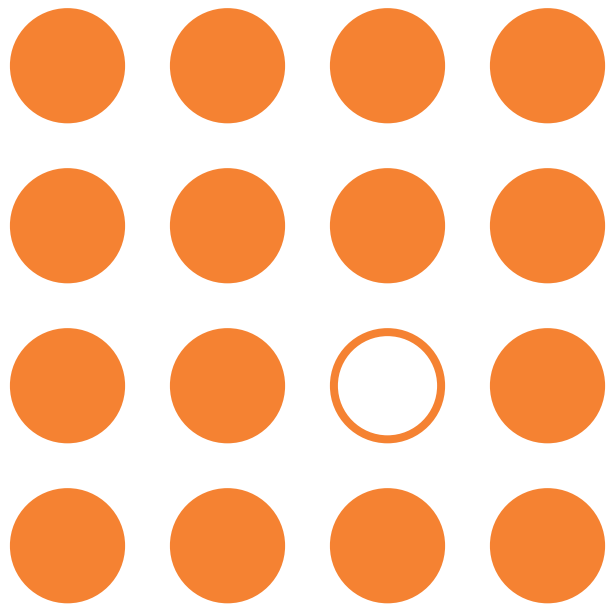
For the larger size panel over 120cm x 240cm, we will combine several panels together to make a whole display.

For the round shape with full lit- up sign, the maximum dimension of sign we can produce is diameter 100cm.

There is a combine panels instruction video as follow, there are 5 panels combine together to make a big size 137cm x 500cm EL sign in subway station.

What is the minimum order?

The minimum order quantity is 2 units for EL sign. We charge a setup fee (tooling cost) for orders under USD3,000. The set up fee is based on the size of the EL panel.



IF YOU WANT TO
BE NOTICED...
YOU MUST DO
THINGS
DIFFERENT

OUR TEAM: TMS

USA

1188 N Tamiami Trail Unit 101,
Sarasota, Florida 34236

M. (941) 915-7145

T. (855) 482-9423

F. (941) 554-8156

info@taximediasolutions.com

MEXICO

Via Dr. Jorge Jimenez Cantu,
Col. Hacienda de Valle Escondido
Edo. de Mexico 52937

T. 011 52 (55) 2165-4817

info@taximediasolutions.com

CANADA

101 Yorkville Ave.,
Toronto, Ontario M5R 1C1

T. (855) 482-9423

info@taximediasolutions.com



ONLINE

www.TaxiMediaSolutions.com