

LEDO



Introducing the LEDO, the patented LED packaging design that simplify the whole process of placing 'LED on Glass'.

Unlike the traditional methods which involves a lot of processes and efforts to get the LED on glass, user just simply place the LEDO in between two pieces of conductive glass panel will do, then supply a DC power source to light it up.

This LEDO can be use for decorative or lighting purposes. It's up to architects or designers imaginations to create innovative yet practical applications in it.

In addition, the arrangements of LEDS position is up to individual imagination or creativity to create and place it - no constraint by number of LEDs , distance or pattern placement.

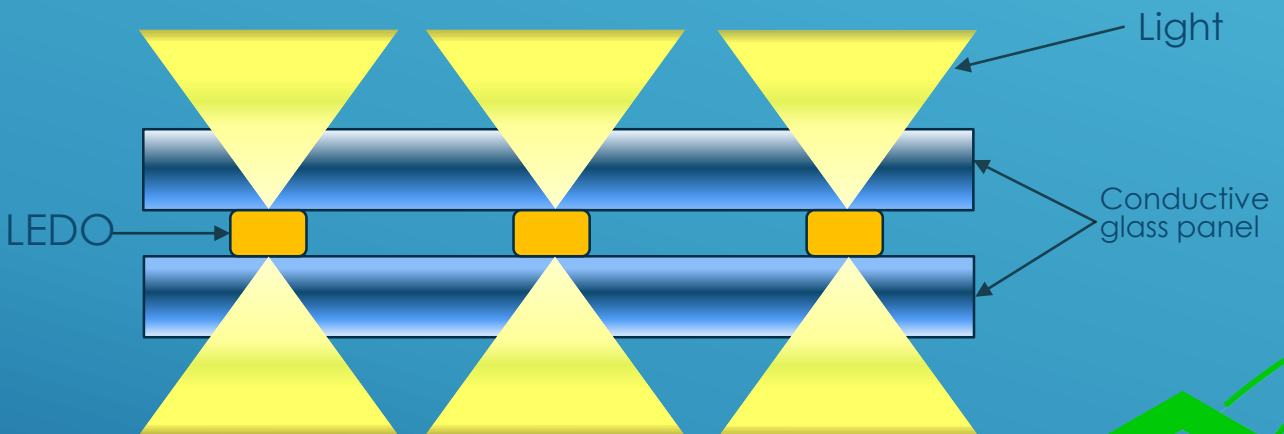
With LEDO, the light is shined out from the glass panel which it can produce a more vibrant lighting effect on the display sets, example crystal ornament.

Besides, we are the world first to create LEDs on glass that produce light on both sides of the glass.

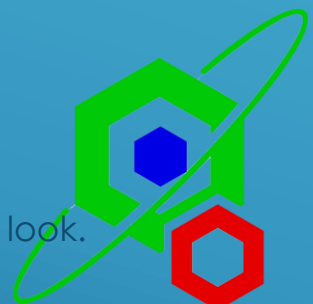
How it works ?

If using the current methods of placing LEDs on glass, it either cut hairline on the conductive film or conductive glass to separate the anode and cathode contact placing, then go for lamination process. This whole process is tedious, complex and time consuming.

By using LEDO, NO LINE is being cut on glass. User just simply place the LEDO in between two pieces of conductive glass panel will do and then supply the DC power source to light up the LEDs. That simple.



Since there is no wire is used or hairline being cut, it help to create a magical and artistic feels on the overall design and look.

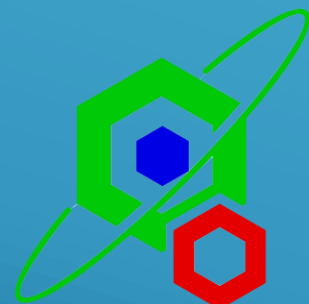
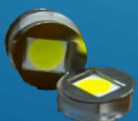
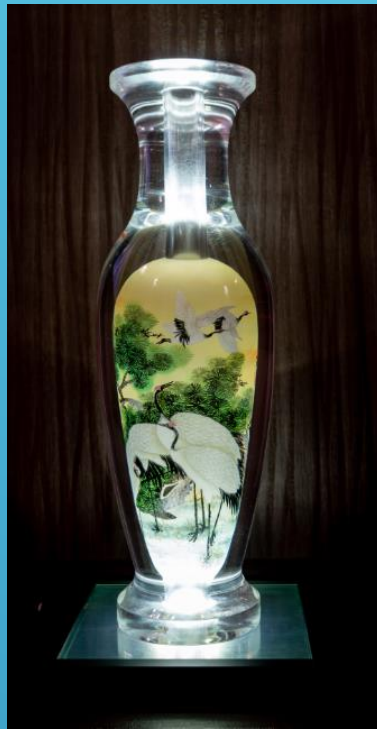


Applications:



There is a huge applications for this LEDO on glass (known as 'LEDON Glass'), examples,

- Shelving Light
- Furniture Light, eg. Table top display
- Display Light, eg. Counter display
- Sky Light, Wall Light
- Decorative light, eg. Boutique, shop windows
- Advertisements, eg. Light up poster, etc...



LEDO Technical Specifications:

LED Type: 3030

Overall diameter: 5.5mm

Overall thickness: 2mm

LED color: Daylight, 6500K

LED Lifetime: 10,000 hours

LEDO on Glass Technical Specifications (LEDON):

Operating Voltage: 5~24VDC*

Operating Current: min. 1A*

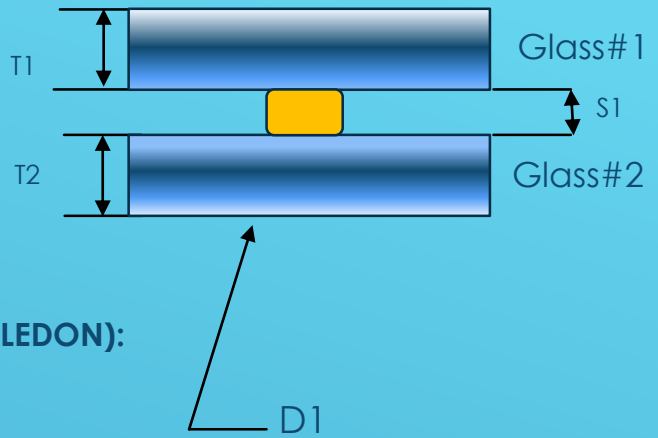
Glass sizes: upto 2000 x 3000 mm

Glass#1 Thickness (T1): 4~12mm

Glass#2 Thickness (T2): 4~12mm

Spacing between 2 glass panels (S1): 2mm

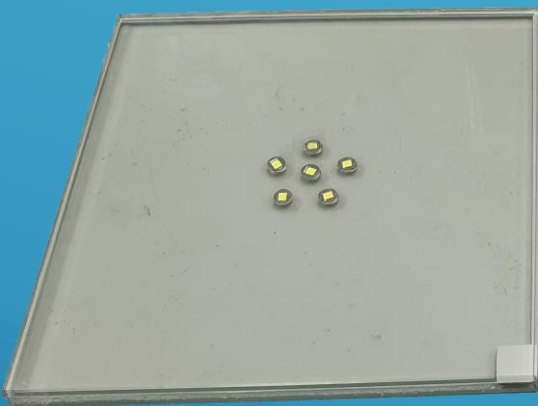
*Depend on Glass type and LED design



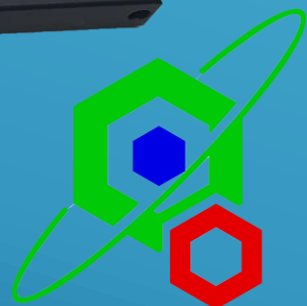
Laminated Glass or Non-Laminated Glass

There are two methods of securing these two pieces of glass panel together with LEDs placed inside – by lamination process using EVA laminating sheets or simply by the frame structure that held these glass panels in place.

Laminated Glass



Non-Laminated Glass, using frame



LEDO Product Ordering Code:

LEDO-FT-1 -W-FM

	Denote	Code	Description	Remarks
1	No. of LEDs	1	Single LED	
		2	Dual LED	

LEDON Product Ordering Code:

LEDO-1-2-3-4-5-6-7-8-9

Denote	Code	Description	Remarks
1	ST	Single LED – Top	LED lighted up at Top View
	SB	Single LED – Bottom	
	D	Dual LED	
2	W	White color LED	
	Y	Yellow color LED	No available
3	F	Frame Type	
	L	Laminated Type	
	C	Customized	
4	L	Glass length size in mm	Eg. Length is 100mm – 100
5	W	Glass Width size in mm	Eg. Length is 200mm – 200
6	TT	Top Glass thickness Eg. Glass is 4mm – key in 4	For Laminated type only 4mm is used for Frame type
7	BT	Bottom Glass thickness Eg. Glass is 4mm – key in 4	For laminated type only 4mm is used for Frame type
8	S	Standard – USB Insert	
	C	Cable out – 500mmL	Or specified the cable length
9	P	LED Pattern	Standard Pattern Code: see design

Designed and Manufactured by:

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