

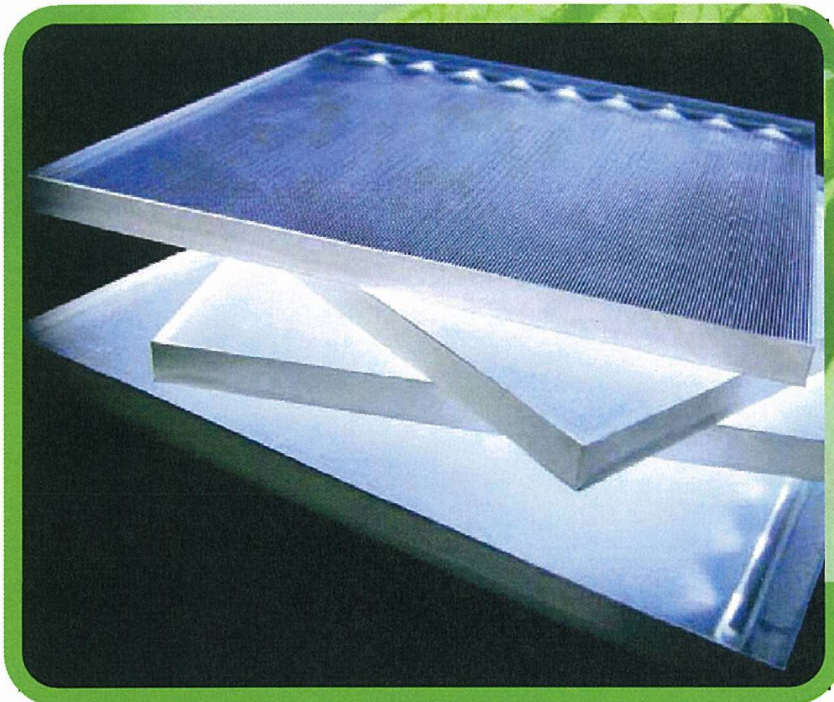


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A New Standard in LED Technology

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## LED Light Panel



- \* Custom Sizes and Shapes
- \* Low power consumption
- \* Even light distribution
- \* Dimmable
- \* Custom Sizes up to 100" X 48"
- \* Self contained & Super Slim
- \* Innovative LED Technology
- \* 50,000 hr Life Span
- \* UL Certified

633 Market Street, Eugene, OR 97401  
Tel. 541-228-3650 Fax. 541-228-3691 [www.lightbeaminc.com](http://www.lightbeaminc.com)



Light Beam LED light panels are constructed from high performance optic acrylic plates used in LCD displays with the patented and CNC machined "V-cut" light distribution grids on the back. With LEDs and heat-sinks embedded in the acrylic light distribution plates, LBI LED light panels are as thin as 8mm (0.31"), as bright as 2,000-10,000Lux evenly distributed over the panel, and can be easily integrated into any existing snap frames to build custom light box, displays and menu boards.

## Features & Benefits

- ✔ Customized Sizes & Shapes
- ✔ Ultra Thin & Super Bright
- ✔ Low Power Consumption
- ✔ Long Life Span-50,000 hrs
- ✔ Dimmable
- ✔ 2,000-10,000 Lux
- ✔ Short Lead Time
- ✔ World's Brightest LEDs
- ✔ Even Light Distribution
- ✔ Worldwide Patented

## Applications

- Indoor Lighting
- Outdoor Lighting
- Interior Design
- Architectural Design
- Directional Sign
- Store Fixture
- Illuminated Display
- Menu Board
- Structural Lighting
- Shelf Lighting
- Floor Lighting
- Counter Top Lighting
- Gaming Machine Lighting
- Casino Lighting
- Underground Parking Lighting
- Hotel Lighting
- Retail Store Lighting
- POP Display Lighting
- ATM Lighting
- Vending Machine Lighting
- Museum Lighting
- Theatre Display & Lighting
- Cosmetic Display Lighting
- Government facilities
- Custom-shape Lighting
- Recessed Lighting
- Graphics Illumination
- Pet Cage Illumination
- Airport Lighting

## LED Light Panel & Light Box

Specifications (for standard LED panels)

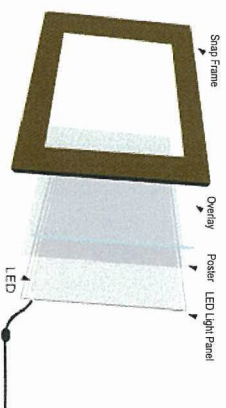
Custom sizes available on request.

Size (Inch)	Average Brightness (Lx)	Power Consumption (W)
4" X 4"	3200	1.5
8.5" X 11"	3500	7.5
18" X 24"	2500	18.0
22" X 28"	2300	22.5
24" X 36"	2000	29.5
30" X 40"	1800	33.0
24" X 24"	2500	18.0
12" X 48"	3500	39.0
24" X 48"	2500	39.0
48" X 100"	1800	81.0

\* Brightness and power consumption change depending on the number of LEDs used.



Super Slim, Even-Lit Viewing, Reliable, Easy-To-Handle, Long Lifespan, Energy Savings



Thickness	1.07"
Frame Width	1.85"
Panel Depth	0.6"
Center	Mixed

- Input voltage: DC 12V
- Color temperature: 3500K/5300K
- Dimmable with remote control
- Operating temperature: -40°C to +35°C
- Custom sizes and shapes available (up to 48" x 100")
- High quality products with a standard 2-year warranty



# Signage - Retro Fit



Retro-fit old fluorescent light boxes with the Light Beam light panel, to save energy costs, maintenance and build replacement costs. Air conditioning costs are also lower as the LED light panels generate very little heat.

Analysis of energy costs:  
Fluorescent VS. LBI light panel



	<i>Fluorescent bulbs</i>	<i>LED light panels</i>
<b>Quantity</b>	48	5
<b>Consumption</b>	28 Watts	85 Watts
<b>Total Consumption</b>	1296 Watts	425 Watts
<b>Power Consumption over 10 Years</b>	113529.6 KwHr	37230.0 KwHr
<b>Total energy cost*(1)</b>	\$12,227.00	\$4,010.00

*(1) - Total energy cost over 10 year period using USA national average commercial rate of \$0.1077 /KwHr. as of Sept. 2008*



**Total energy saving by using LED Light Panels :**

## \$8,217.00

**Plus:**

- No heat generation (lower A/C costs)
- No bulb changes
- No maintenance costs

*\*Courtesy of installer/distributor National LED*