



## RECOMMENDED SUPPLIER LIST TO BUILD A EDGELIT LIGHTBOX

LuciteLux® LGP was developed specifically for edge lit illumination signage and displays, giving excellent brightness and evenness of illumination. Formulated with evenly dispensed diffusion particles, resulting in bright and uniform illumination.

### *Recommendations for Manufacture and Designers*

The key to achieve the best results from the Light Guide Panel can be obtained by following these recommendations.

- If possible diamond polishes the edges where the LED/Lamps are positioned. This will allow the maximum light to enter.
- Flat edges are advised, since round edges reduce the amount of light entry.
- Reflectors around the light source will greatly increase the light output of the panel.
- Edges which have no light source attached should be sealed off using a silver adhesive tape to ensure that no light escapes from the edges.
- Do not glue or bond any material i.e. the graphic, the acrylic door panel or the back panel.

## RECOMMENDATIONS

### *Recommended Suppliers List*

Any quality light source will illuminate the Light Guide Panel however we highly recommend the following suppliers.

A string of LED's (ThinLED's) when placed along one edge of the Light Guide Panel will illuminate 24". Two strings of LED's (ThinLED's) when placed along two opposite edges will illuminate 48", similarly.

A T5 high output Florescent will illuminate 24", whilst two T5 high outputs will illuminate 48". If using Florescent Light we recommend the Fulham Workhorse range of quality electronic Ballast.

Contact Information:  
SloanLED  
5725 Olivas Park Drive  
Ventura, CA 93003  
888-747-4533  
[www.sloanled.com](http://www.sloanled.com)

(for ThinLED's)

Seoul Semiconductor  
[www.seoulsemicon.com](http://www.seoulsemicon.com)

Light Board Technology  
Peter Sussman  
[www.lightboardtech.com](http://www.lightboardtech.com)  
952-215-5274

(for edgelit LED's)

Whiteoptics  
(for high diffuse reflective material)  
[www.whiteoptics.com](http://www.whiteoptics.com)  
302-476-2055

Fulham Ballasts and Lamps  
Vann Ness Avenue  
Hawthorne, CA 90250  
800-2-Fulham  
[www.fulham.com](http://www.fulham.com)

T5 (5/8" diameter) Lamps are also available from local electrical retailers.