



LOVO™ LGP Edge Lit Acrylic Panels

LOVO™ LGP Edge Lit Acrylic Panels are developed with Light Guide Panels (LGP) as an innovative light source that provides even and bright illumination to graphics and displays. With LED strips around, it can be very slim to save space.

LOVO™ LGP Edge Lit Acrylic Panels are highly customizable and can be produced for specific project. Choose the size, specifications and/or lighting color to meet your specific project requirements.

- Retail Fixtures Backlighting
- Onyx Backlighting
- LED Signage
- LED Lightbox

SPECIFICATIONS

Item Number:	4090-LGP
Input Voltage:	12/24V DC Constant Voltage
Power:	12W-14.4W/M; (3.7W/Ft - 4.4W/Ft) 10W/M RGB (3W/Ft)
Thickness:	LGP 2mm-12mm
LED Strip:	1 edge(short side<300mm); 2 edges(300mm<short side<900mm) 4 edges(short side>900mm)
Plug:	US plug 120V (On power supply)
Efficacy:	85-100lm/w
CRI:	80-90Ra
Uniformity:	>90%
Color Temp.:	3000k 4000k 5000k 6000k

*Customizable: The parameters in the table are our common standards, as the LED Light Panel can be highly customized, which is capable of any shapes, sizes, colors, and parameters.



SINGLE/DOUBLE-FACED
CUSTOM SIZES
WHITE, RGB OR RGBW
LIGHT SOURCE



Dimmable



CCT



Intelligent RGB & RGBW
Color-Changing Panel



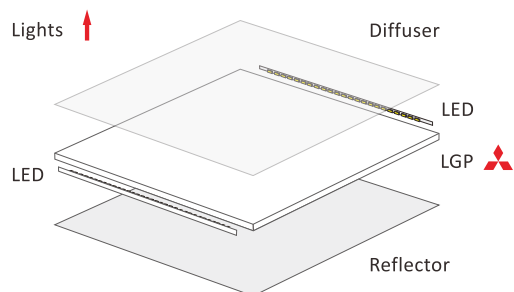
Damp
Locations



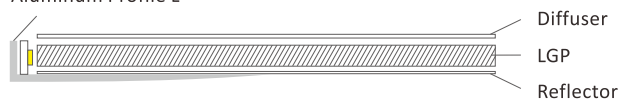
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standard solution A



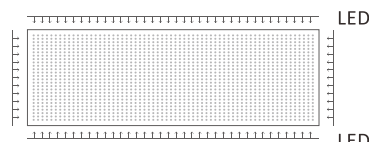
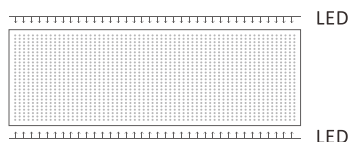
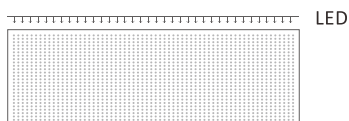
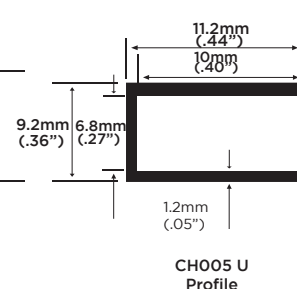
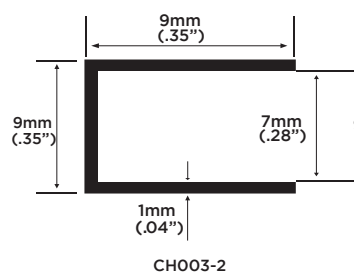
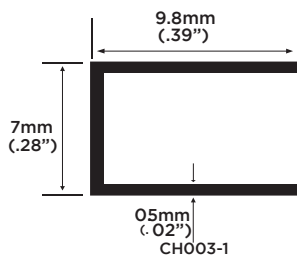
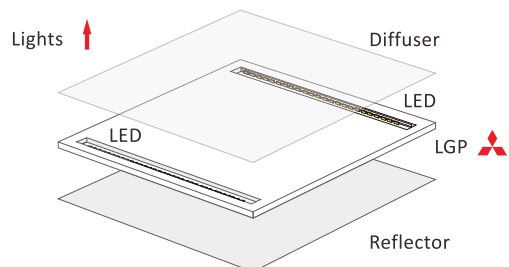
Aluminum Profile L



A lot of panels are out of solution A.

The overall thickness is 6-6.5mm. It's compact, and bright. This solution is only for single-faced lighting. Also they could be with or without a diffuser.

standard solution B



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LED FLEXIBLE STRIP

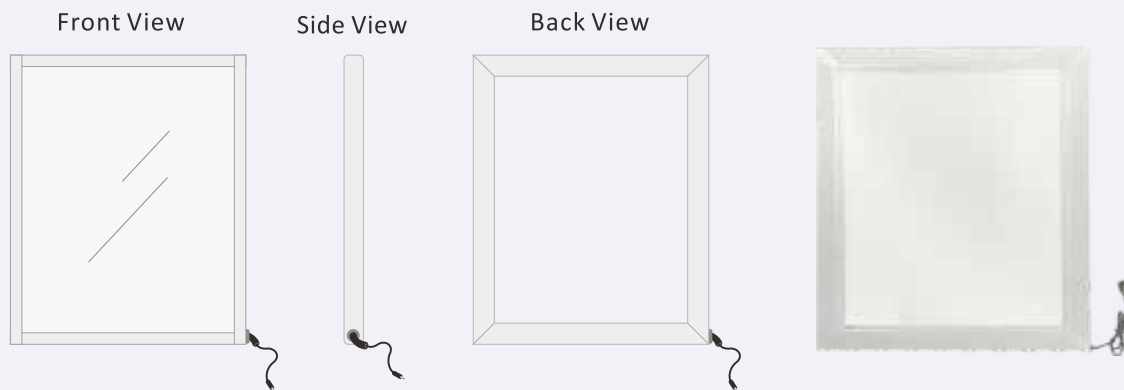
The front of light panel will be cover with LED Flexible Strip. There are 3 types of tape available. Standard cover area will be 10mm width, if you have a special request, please contact our sales team.

LED POWER CONNECTION

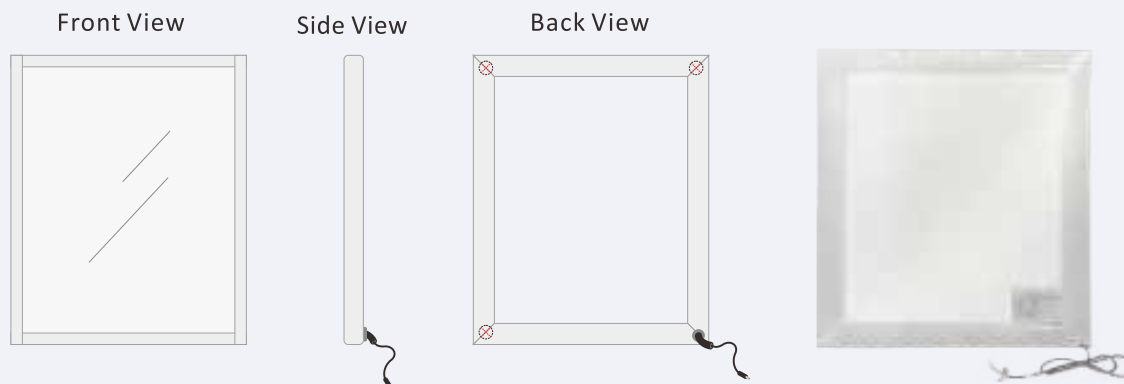
Wire cord will be terminated with 5.5*2.1mm DC female barrel plug. More connectors are available upon request.

WIRE CORD LOCATION OPTION DRAWING

A- wire cord exiting on egdes



B- wire cord exiting on backside



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Prism
Lighting Group



Don't limit your imagination. These light panels could be on shelves, in LED signage. They could be customized in any size, any shape. Square, round, oval all are possible.

Do not hesitate to contact our sales representative for your next project.

LOVO™ LGP Edge Lit Acrylic Panels



WE CUSTOMIZE ALL
SHAPES AND SIZES

We have refined the technological process so that you won't burn a hole in your pocket.

Our Project Managers would like to help you meet you with your unique project & budget needs.