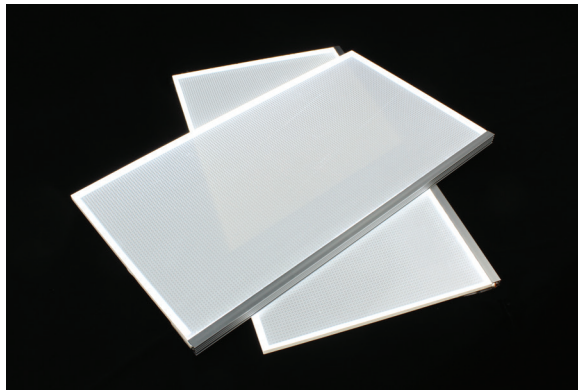




DIAMOND ELP Series

Frameless Light Panel

Ultrathin Edgelit LED Lighting Panels



features

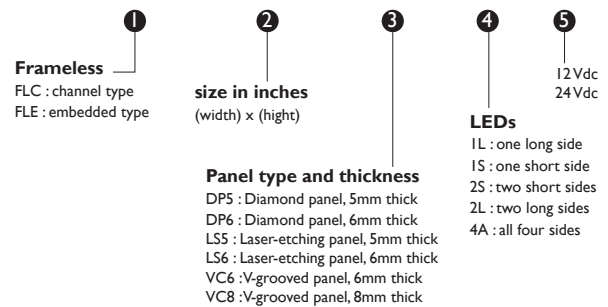
- custom sizeable up to 4'x8'
- Uniform illumination and consistent color output
- excellent backlit engines for ultra slim light boxes
- literally no spacing is needed between graphic and light panel
- custom LED colors are also available
- other applications: undershelfing lightings, or interior lightings
- 3-year warranty
- Made with pride in USA

3-YEAR
WARRANTY

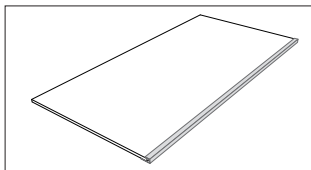
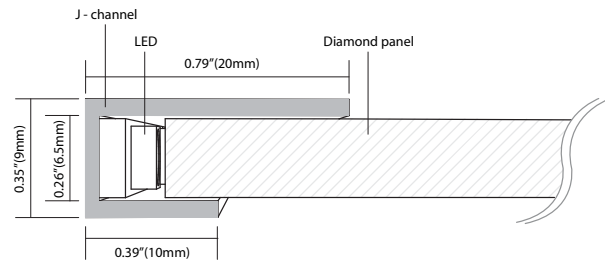
overview

Bitro's Diamond ELP frameless panels ensure uniform and bright illumination over the face of the panel. Combined with high efficient LEDs, our Diamond ELP technology boasts minimal power consumption, long life span and color consistency of light output. Illuminating any translucent material to produce beautiful backlit. Diamond ELP can also be used with backlit media, acrylic, glass, or onyx stone to create from soft accent interior designs to regular backlight display lightings.

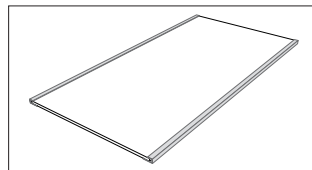
FLC-24x36-DP5-2S-12



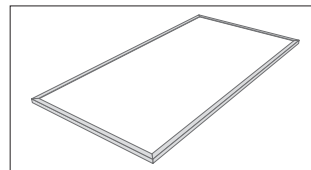
dimensions(TYP.)



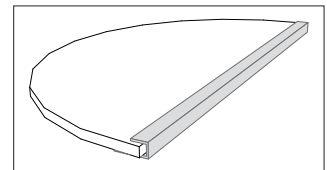
1-sided LED



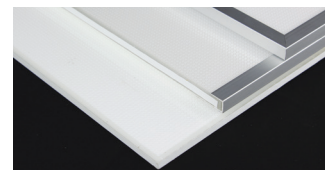
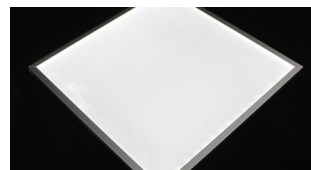
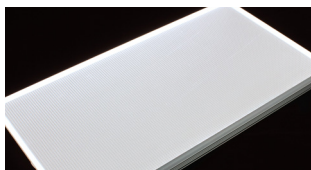
2-sided LED



4-sided LED



custom types





DIAMOND ELP Series

Frameless Light Panel

Ultrathin Edgelit LED Lighting Panels



specifications

General Specs

Max. Custom size	48"x96"
Min. Custom Size	2"x2"
LED colors	Standard: 6000K and 4000K (other custom colors are available)
Rating	two options: Dry / damp locaitons
Operating Temp.	-40°F to 140°F
Operating Voltage	12Vdc or 24Vdc
Wire & Connectors	Quick connectors or spliced wire / Standard wire length: 3'
Power supply	Ru or UL listed for US and Canada

Panel spec

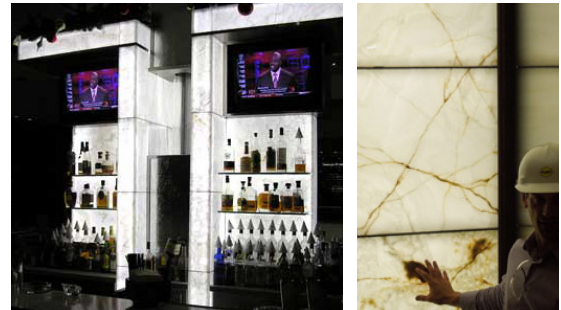
type	Acrylic	max. travel distance of LED lights			
		*LGP type	thickness	up to 1'	up to 3'
J-channel	Diamond or Laser	5 or 6mm	1 side	2 side	2 or 4 sides
embedded	V-cut	6 or 8mm	1 side	2 side	2 or 4 sides

*LGP=Light Guided Panel

J-Channel Frame spec

aluminum J channel	characteristic	thickness		width	
		inside	outside	front	back
FL-MA06	Anodized aluminum, satin	0.26" (6.5mm)	0.35" (9mm)	0.39" (10mm)	0.79" (20mm)

applications



layout service

Please email estimate@bitrogroup.com with drawings for prompt layout services.

contact bitro

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distributed by