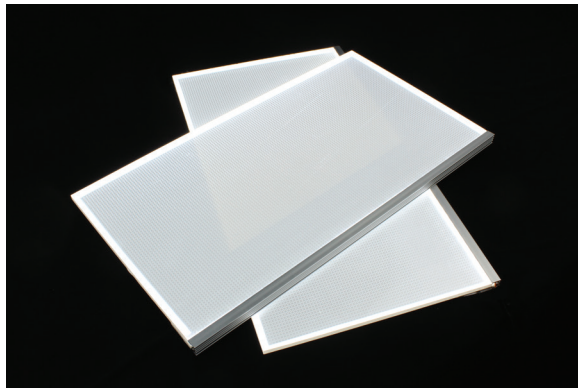




# DIAMOND ELP Series

## Frameless Light Panel

Ultrathin Edgelit LED Lighting Panels



### overview

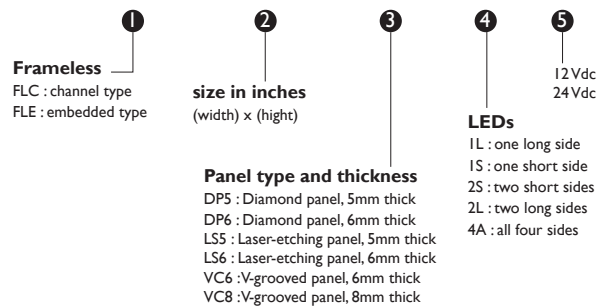
Bitro's Diamond ELP frameless panels ensure uniform and bright illumination over the face of the panel. Combined with high efficient LEDs, our Diamond ELP technology boasts minimal power consumption, long life span and color consistency of light output. Illuminating any translucent material to produce 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.

### features

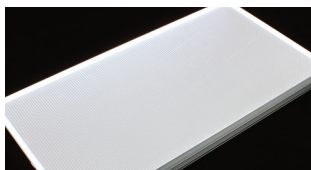
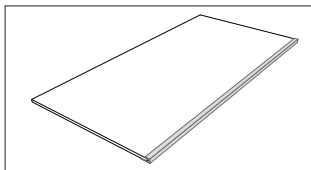
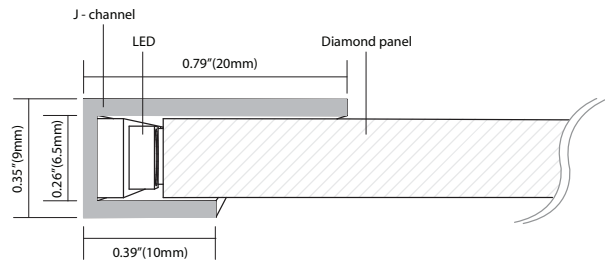
- custom sizable up to 4'x8'
- Uniform illumination and consistent color output
- excellent backlit engines for ultra slim light boxes
- literally no spacing is needed between graphic and light panel
- custom LED colors are also available
- other applications: undershelfing lightings, or interior lightings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

**3-YEAR**  
WARRANTY

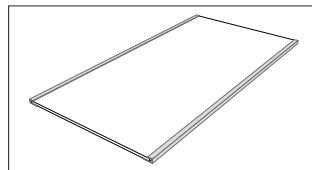
## FLC-24x36-DP5-2S-12



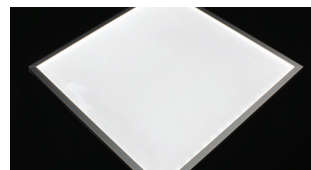
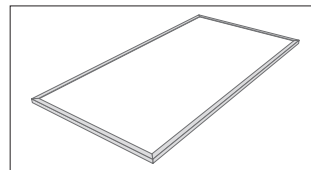
### dimensions(TYP.)



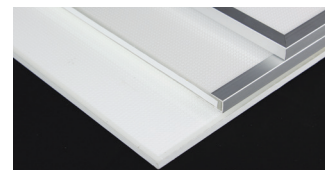
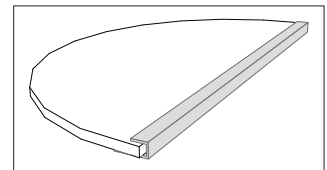
1-sided LED



2-sided LED



4-sided LED



custom types



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### 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	Dry locaitons only
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

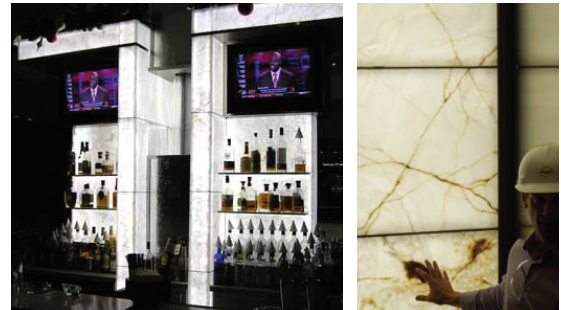
type	Acrylic	max. travel distance of LED lights			
		*LGP type	thickness	up to 1'	up to 3'
J-channel	Diamond or Laser	5 or 6mm	1 side	2 side	2 or 4 sides
embedded	V-cut	6 or 8mm	1 side	2 side	2 or 4 sides

\*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](mailto:estimate@bitrogroup.com) with drawings for prompt layout services.

### contact bitro

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### distributed by