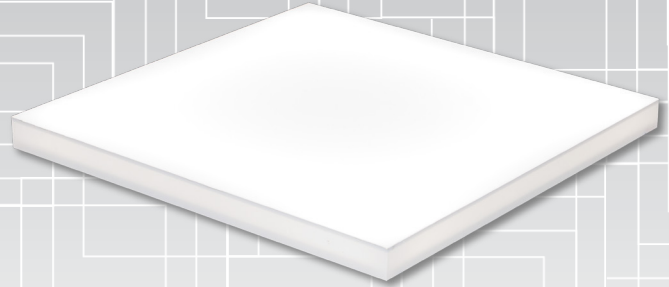


# LumiFrost

Frameless Diffused LED Light Panel

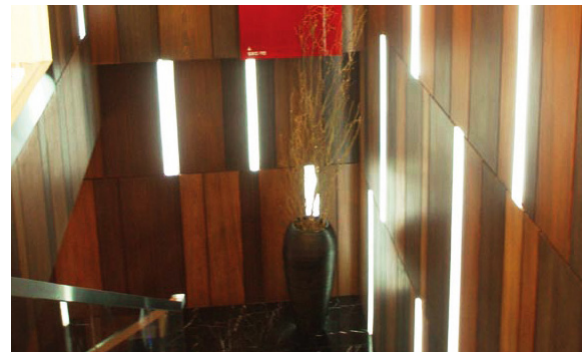
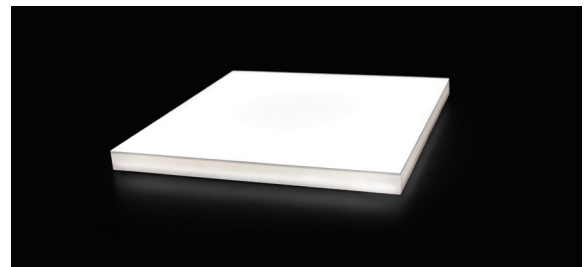


A diffused LED backlighting solution with a 3D effect. LumiFrost combines LumiSheet LED light panels with a sign white acrylic diffuser. It is illuminated across 5 surfaces: the top and 4 edges, to provide a 3D look. LumiFrost is relied on as an energy efficient, frameless, elegant signage solution with no hot spots.

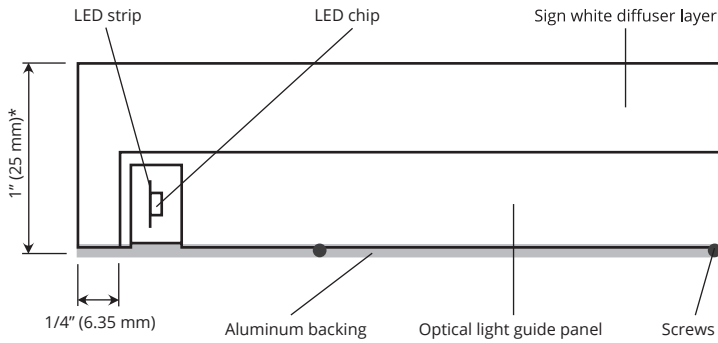
## FEATURES

-   
Accent Lighting
-   
Recessed Lighting
-   
Channel Letters
-   
Lit Floors
-   
3D Lit Sides

- ✓ Available in custom sizes and shapes
- ✓ Sign white acrylic casting for even light distribution
- ✓ Full color customization
- ✓ High brightness (up to 10 000 lux)
- ✓ High CRI available
- ✓ Long LED lifespan (70 000+ hours)
- ✓ Energy saving and maintenance free (70% energy savings over traditional lighting)
- ✓ Superior consistent light quality
- ✓ Advanced 3-year warranty

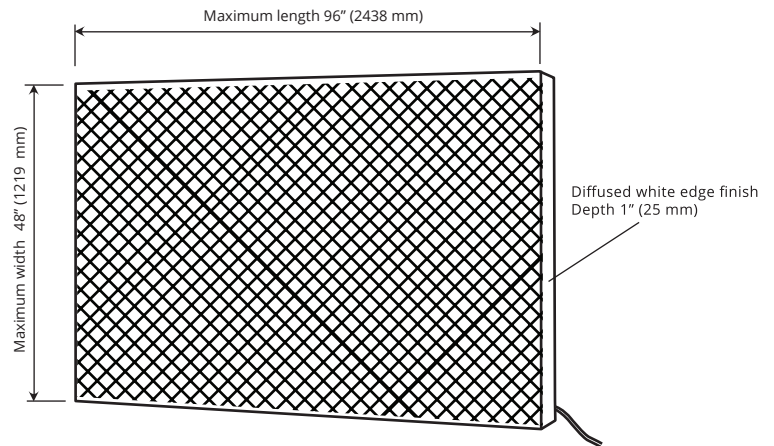


PROFILE VIEW



\* The total thickness including the screw is approximately 1" (25 mm)

FRONT VIEW



Power lead:  
The power cord exits from the back side of the light tile

SPECIFICATIONS

Electrical							
<b>Input Voltage</b>	12 VDC 24 VDC						
<b>Power Consumption</b>	4.0 W/ft (standard), 5.0 W/ft (RGB / CCT), 4.3 W/ft (static red, static green, or static blue)						
<b>Wire Size</b>	20 AWG 2 wire (standard), 20 AWG 3 wire (CCT), 22 AWG 4 wire (RGB)						
<b>Wiring</b>	Each panel must have direct connection to power supply. Do not wire panels in series						
<b>Connector</b>	2.1 / 5.5 mm barrel plug (for standard). Bare wire (for RGB+CCT) Standard 5' (1500 mm), optional 10' (3000 mm), custom						
<b>Certification</b>	UL listed (E346146 LumiSheet embedded)						
Physical							
<b>Color Temperature</b>	3000 K	3500 K	4100 K	5300 K	6300 K	CCT	RGB
	Static red, static green, static blue						
<b>High CRI</b>	≥ 90 available in 3000 K, 4100 K, 5300 K (12 VDC only)						
<b>Mounting</b>	Consult with your DLC representative for options						
<b>Operating Temperature</b>	-30 °C (-22 °F) ~ +40 °C (+104 °F)						
<b>Environment</b>	Dry location only						
<b>Thickness</b>	1" (25 mm)						
<b>Minimum Size</b>	3" (76 mm) L x 3" (76 mm) W						
<b>Maximum Size</b>	96" (2438 mm) L x 48" (1219 mm) W						
<b>Weight</b>	5.85 lbs / sq ft (30 kg / sq m)						

ORDER INFORMATION

Series #	Size	Color Temperature		Illuminated Face Option	Cable Length	LED Location
<b>LLF12</b> 25 mm depth 12 V	<b>CS:</b> Custom shape (drawing may be required)	<b>3000 K</b>	<b>CCT</b> (2700 K - 6500 K)	<b>SFI:</b> Single Face	<b>WL15:</b> 5' (1500 mm) power cord with 2.1 / 5.5 mm barrel plug <b>WL30:</b> 10' (3000 mm) power cord with 2.1 / 5.5 mm barrel plug	<b>L1:</b> LEDs along 1 long edge <b>L2:</b> LEDs along 2 long edges <b>S1:</b> LEDs along 1 short edge <b>S2:</b> LEDs along 2 short edges <b>CI:</b> Custom illumination
<b>LLF24</b> 25 mm depth 24 V		<b>3500 K</b>	<b>RGB</b>			
		<b>4100 K</b>	<b>Static red</b>			
		<b>5300 K</b>	<b>Static green</b>			
		<b>6300 K</b>	<b>Static blue</b>			