



LumiSplash

Decorative Laminates with LED Edge Lighting

LumiSplash is a patent pending, multilayered, ultra-thin 1/4" (6mm) decorative laminate that emits light evenly across its surface and has impressive impact, scratch, chemical, and abrasion resistant properties. LumiSplash is:

- The first ultra-thin, lighted laminate system with no air gap required for LEDs. This system uses a Light Bar and Light Guide Panel to produce luminance across a translucent surface.
- A one-of-a-kind product that combines art with lighting in a durable laminate, creating a unique focal point for any home or business.
- A low-voltage system that comes with the necessary electrical components to simply plug into a 110-volt receptor. LumiSplash can also be hardwired for permanent installations by a local electrician.
- Suitable for most vertical and horizontal applications where other decorative laminates could be used.
- Easily fabricated with standard woodworking tools such as routers, saws, and drills.
- Easily used to backlight your own stone, acrylic, or other translucent materials with its Light Guide Panel.



Walls & Partitions



Casework



Tabletops & Bartops



Ceilings



Backsplashes & Islands

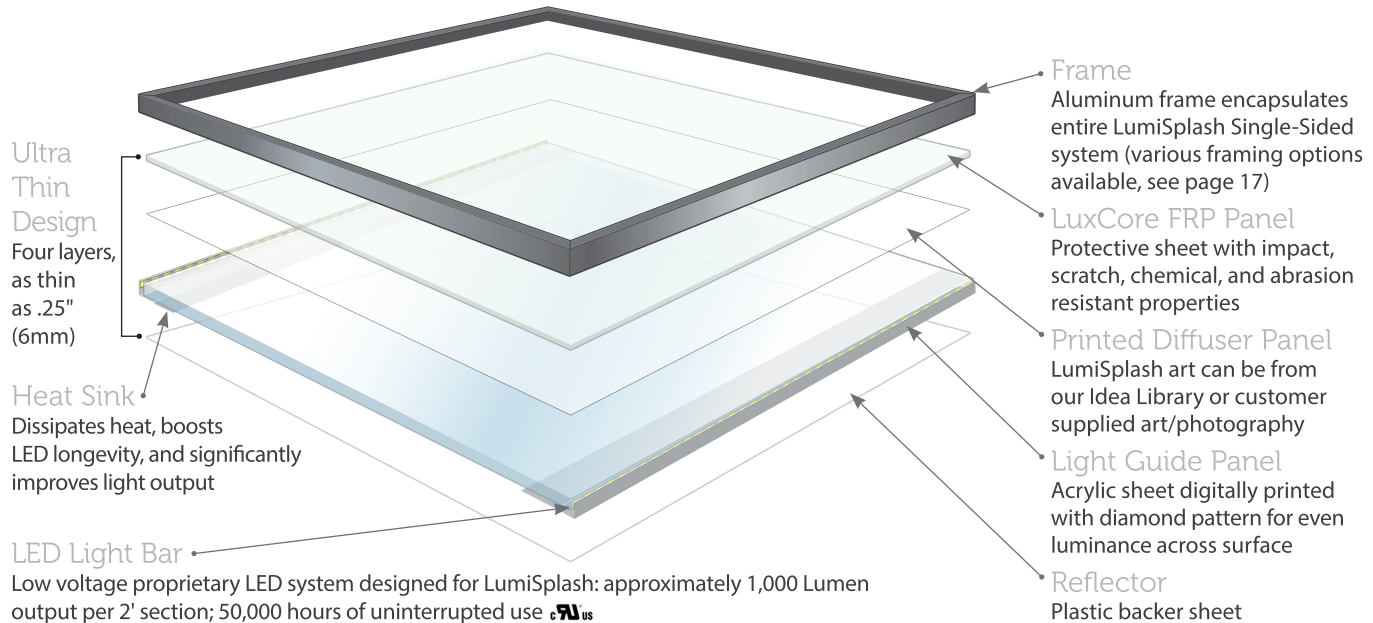


Art & Accents

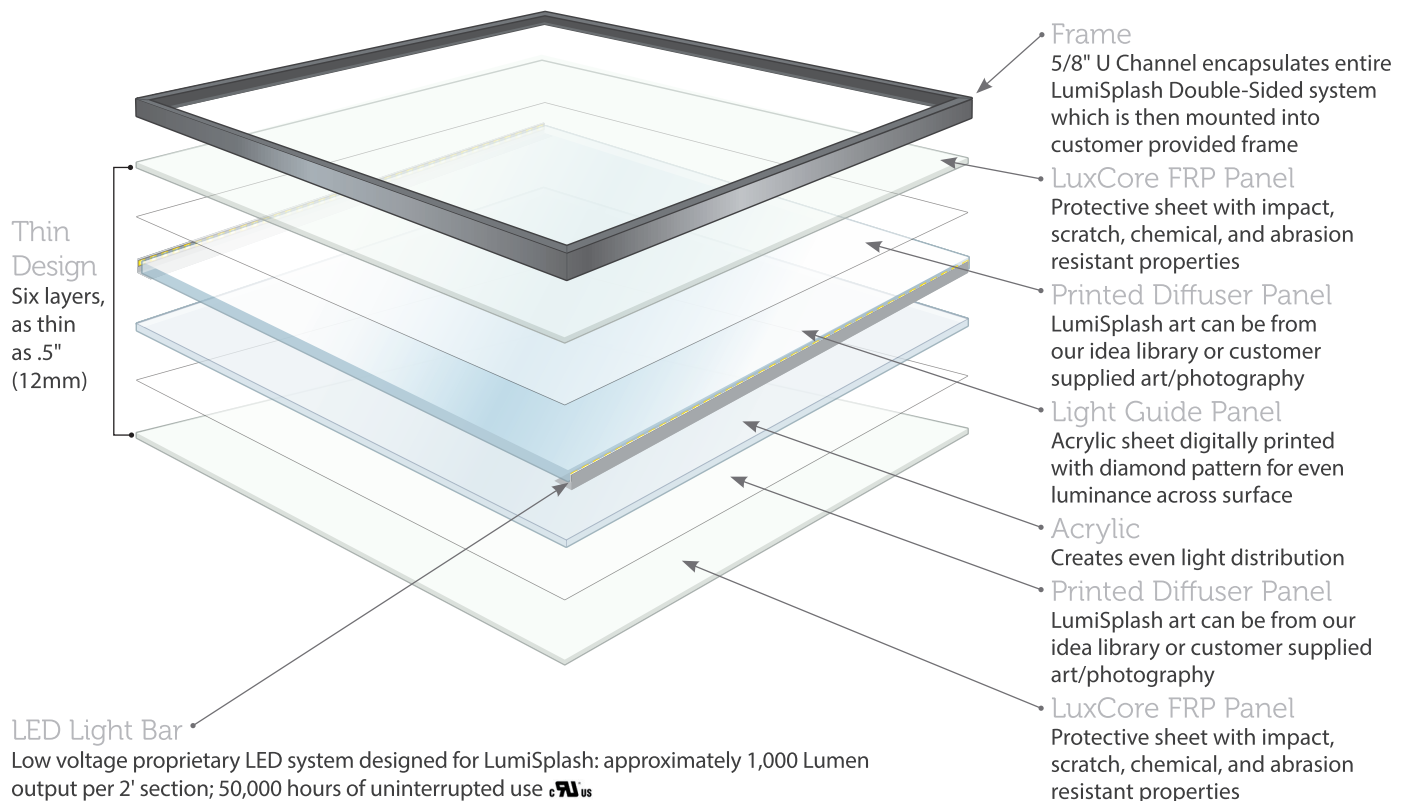
ATI LumiSplash products can be specified under the following CSI divisions:

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|-------------|---|
| • 101400 | – LumiSplash Signage and Art |
| • 101433 | – LumiSplash Interchangeable Graphics and Signage |
| • 123600 | – LumiSplash Countertops |
| • 123623.13 | – LumiSplash Islands, Bartops, and Tabletops |
| • 265100 | – LumiSplash Double-Sided Panels and Ceilings |
| • 064116 | – LumiSplash Casework |

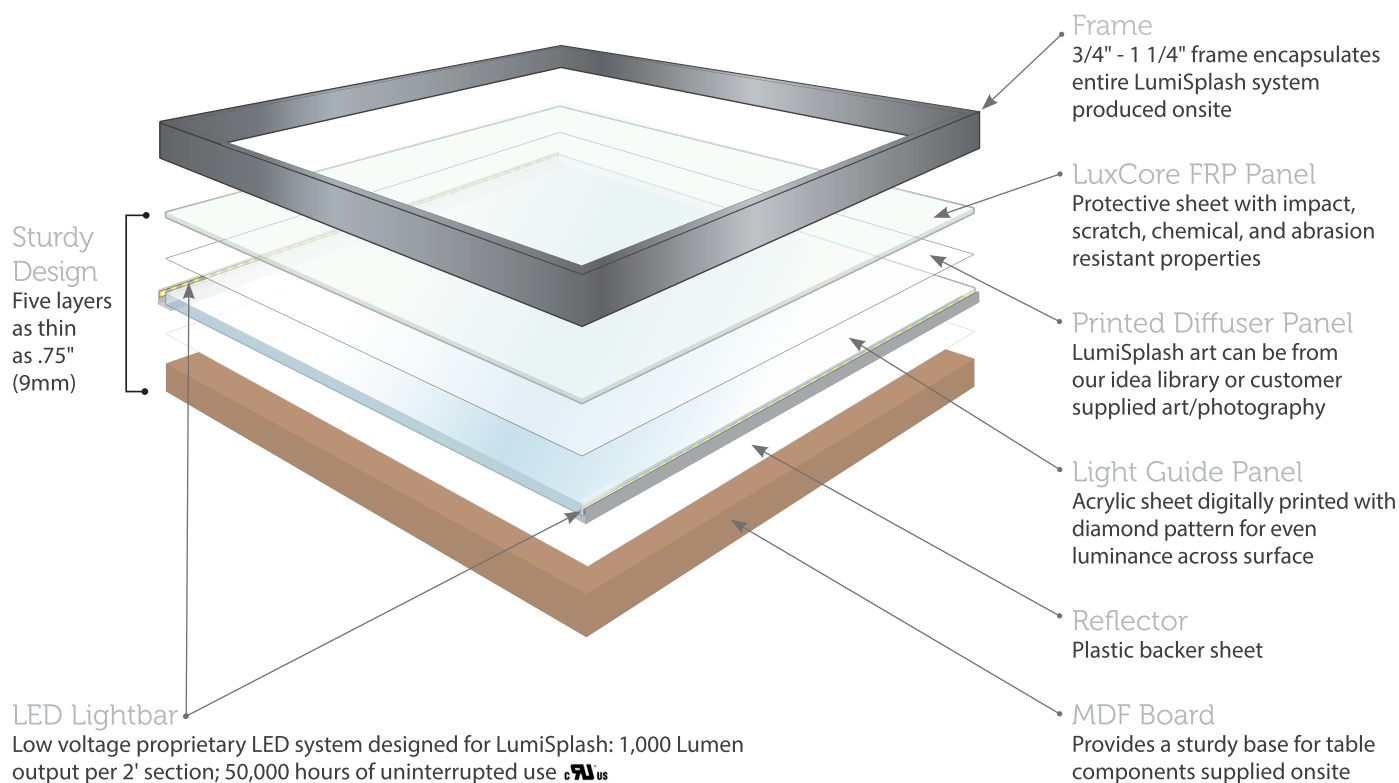
LumiSplash Single-Sided Design



LumiSplash Double-Sided Design



LumiSplash Tabletop Design





LumiSplash Design Options

Sizes

- Single-sided available in standard heights of 16", 24" and 48" and in lengths of 48" and 96"
- Single-sided custom lengths can be made to order or may be cut to smaller dimensions from stock panels
- Double-sided available in standard sizes of 24" x 48" and 24" x 96"
- Custom sizes can be made to order for both single and double-sided panels

Accessories

- Dimmers
- RGB LED Light Changing System
- Various framing and molding options
- Battery powered system 
- Transformers 

Features

- Ultra-thin and lightweight
- Can withstand 9,150 abrasion cycles meeting NEMA Standard LD3-2005
- Chemical, stain, impact, scratch, and abrasion resistant FRP surface
- Customizable with Interchangeable Graphics System
- A variety of edging, framing, and mounting systems available
- Value engineered for maximum functionality and design
- Easy on-site fabrication allows for accurate outlet and sink cutouts as well as the ability to cut to size

LumiSplash Specifications

Electrical

Input Voltage	12 Volt DC
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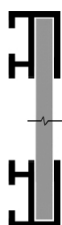
Physical

Mounting	Wall mounted with screws, Z-clips, U-channel, or mirror clips
Color Temperature	60000K-65000K
Lumens	225 per Ft.
Operating Temperature	- 30 °c (- 22 °F) ~ + 40 °c (+ 104 °F)
Color Rendering Index	75
Rated Avg. Life	50,000 hours
Environment	Dry location only (Standard)
Minimum Size	12" x 15"
Maximum Size	4' x 8'
Weight	1.95 lbs. /sq. ft.

Handling and Mounting Instructions

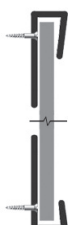
1. Do not bend or twist light panel. Bending or twisting can damage LED light source.
2. Do not glue graphics, laminate, light diffuser or any material to the light panel surface as adhesives will change light diffusion properties and damage the material.
3. Do not remove the heat sink (aluminum sheet on back) from the light guide panel.
4. Ensure the heat sink is installed in free air or in contact with a metal or thermally conductive surface for heat dissipation and to extend the LED's lifespan.
5. Unless otherwise specified, this product is designed for indoor use only.
6. Use only DLC approved 12VDC power supply with this light panel. All other power supplies may damage LED's and void warranty.

LumiSplash Framing Options & Cord Exits



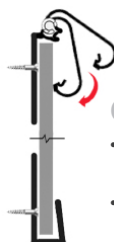
Slim Frame

- Frame mounted to wall with Z clip and locking T screws
- Use 4-sided mitered
- Use on 4 sides



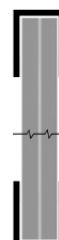
J Channel Top + J Channel Bottom

- Upper and lower mounts screw to wall
- Size limit in heights to 24"



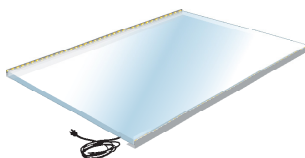
Snap Frame Top + J Channel Bottom

- Upper and lower mounts screw to wall
- Can be used on its own for 1, 2, or 4 sides



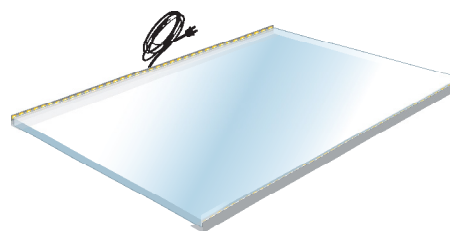
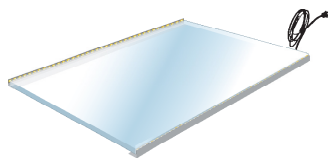
U Channel for Double-Sided

- Available sizes are 24" x 48" and 24" x 96"
- Panel system mounts into customer provided onsite frame requiring a .75" channel



Standard

Power cord exits from short edge, either on left or right.



6 Foot and Longer

Power cord exits from center of long side.