

**LC GLASS™**  
*(For Light Diffusion)*
**Features**

- Privacy
- Filter and Diffuse Light
- Shields 99% of UV rays
- Glare Reduction
- Promotes use of Natural Light
- Sound Attenuating
- Excellent Projection Surface
- Extra Strength Lami Glass
- Energy Saving

**Window Applications**

- Bedroom Windows
- Bathroom Windows & Doors
- Front Doors and Foyers
- Conference Rooms / Partitions
- Hospital & Emergency Rooms

**Skylight Applications**

- Bathrooms
- Kitchens
- Living Rooms
- Dining Rooms

**SPD SMARTGLASS™**  
*(For Room Darkening)*
**Features**

- Tint
- Regulate Light
- Infinitely Adjustable
- Heat Control
- Shields 99% of UV rays
- Sound Attenuating
- Extra Strength Lami Glass
- Energy Saving

**Window Applications**

- Living Room Windows
- Family Room
- Water facing views
- Media Rooms
- Houses of Worship

**Skylight Applications**

- Media Rooms
- Bedrooms
- Dens
- Theaters

LC Glass	Specifications	SPD Smartglass
Clear	Color – ON	Light Blue Tint
Frosted White	Color - OFF	Dark Blue Tint
77	<b>Visible Light Transmittance (%) ON</b>	50
58	OFF	1
75	<b>Specular Light Transmitted (%) ON</b>	n/a
.01	OFF	n/a
63	<b>Diffused Light Transmitted (%) ON</b>	n/a
4	OFF	n/a
0.8	<b>Shading Coefficient - ON</b>	0.8
0.65	OFF	0.47
-	<b>Relative Heat Gain (btu / Sq Ft / Hr) Film Only - ON</b>	473
-	Film only - OFF	295
-	5/8" Insulated Clear Glass	191
-	5/8" Insulated Low E Glass	104
5.3	<b>U Factor (btu/Hr/Deg(F)) / Sq Ft - Laminated Only</b>	5.3
0.5	5/8" Insulated Clear Glass	0.5
0.28	5/8" Insulated Low E Glass	0.28
0.1	<b>Response Time (In Secs) To Switch ON</b>	1
0.4	To Switch OFF	5
-4 Deg through 158 Deg	<b>Temperature Limits (Deg F)</b>	-22 Deg F through 194 Deg F
120 VAC / 50-60 Hz	<b>Operating Voltage</b>	120 VAC / 50-60 Hz
12 mA / Sq Ft (.012A / 10 sq Ft)	<b>Operating Current</b>	1.5 mA / Sq Ft (.015A / 10 sq ft)
1.44 W / sq Ft (14.4 W / 10 sq ft)	<b>Power Consumption</b>	0.18 Watts / Sq Ft (1.8 Watts / 10 sq Ft)
99 %	<b>UV Blocking</b>	99 %
38 5/8" W x 120" L	<b>Min &amp; Max Size (Film Only)</b>	40" W x 120" L
8 1/2 Ft Wide x 16 Ft Long	<b>Min &amp; Max Size (Lami Glass)</b>	8 1/2 Ft Wide x 16 Ft Long

**Lamination and Construction Options:** Laminated with Annealed or Tempered Glass or Polycarbonate; Tinted Glass and Reflective Glass; 5/8" - 1 1/2" Thick Insulated Glass, Low E Glass, Argon Filled; Shapes, Holes, Bent, Curved, Butt Glazed; Flat, Beveled, Sanded, Seamed & Polished Edges; Film Setback: 1/8" on all edges; Minimum Framing Bite: 1/2" on busbar edge; Mounting options: Windows, Doors, Skylights; UL approved construction, fittings and connectors.

**Decoration Options:** Sandblast, Laser etch, Stained Glass Overlays, Patterns, Divided Lites, Segmenting.