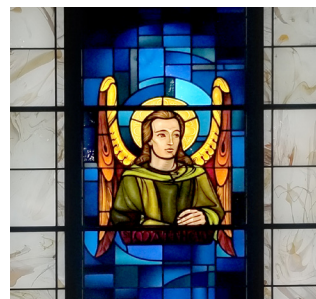
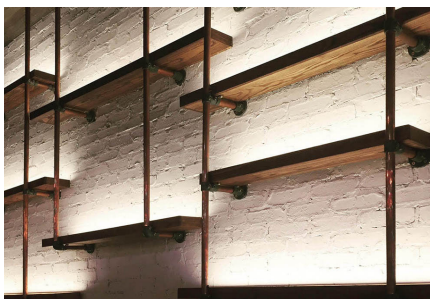
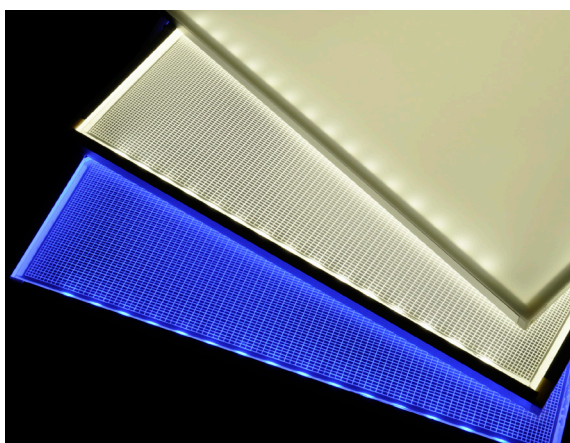
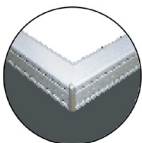


LED Backlighting For Everything

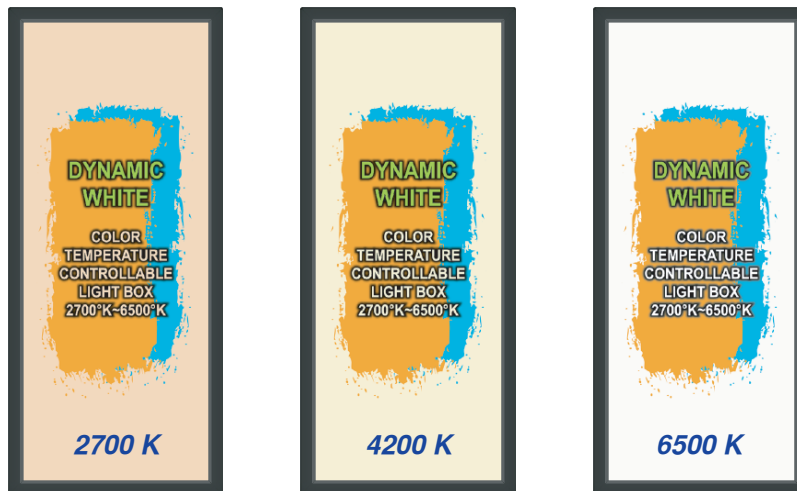
This product is a 0.28-0.31-inch thick acrylic sheet with LEDs on one or more edges. Light is distributed evenly throughout the panel by "V" cut grooves on one face of the acrylic. Manufactured in South Korea.



Dynamic (Tunable) White System 2700-6500K

Controllable Color Temperature System

- Tunable LED color temperature between 2700K and 6500K
- Tunable by wireless touch controller or step controller (9 Steps)
- Dimmable brightness from zero to maximum
- Available built in step controller
- Voltage : D.C. 12V or 24V
- UL / cUL recognized (UL file # E341820)
- CE approved



Wireless Touch Controller

- Power ON/OFF control
- Smooth color temperature control
- Smooth dimming control
- Output capacity : Maximum 96 Watt
- Supply voltage : D.C. 12 Volt or 24 Volt
- Connection : Common Anode
- Control : RF 2.4 GHz / Max. 30 meter
- Resume : Save previous setting while power OFF

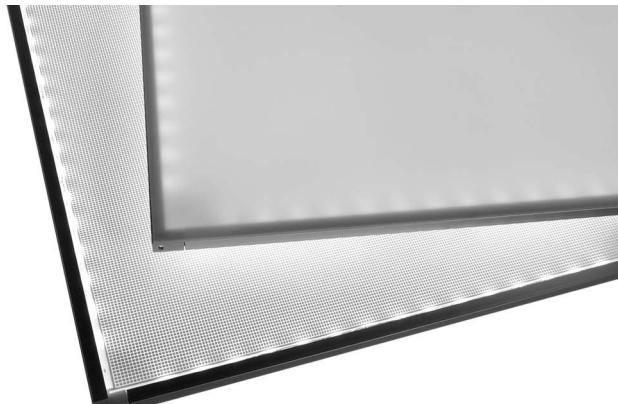


Step Controller (9 Steps)

- 9 Steps color temperature control by push button from 2700K to 6500K
- Output capacity : Maximum 96 Watt
- Supply voltage : D.C. 12 Volt or 24 Volt
- Connection : Common Anode
- Control : PWM control system
- Resume : Save previous setting while power OFF
- Available built in installation



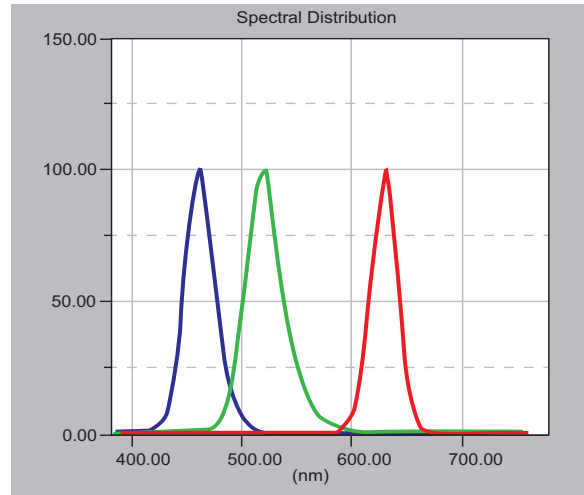
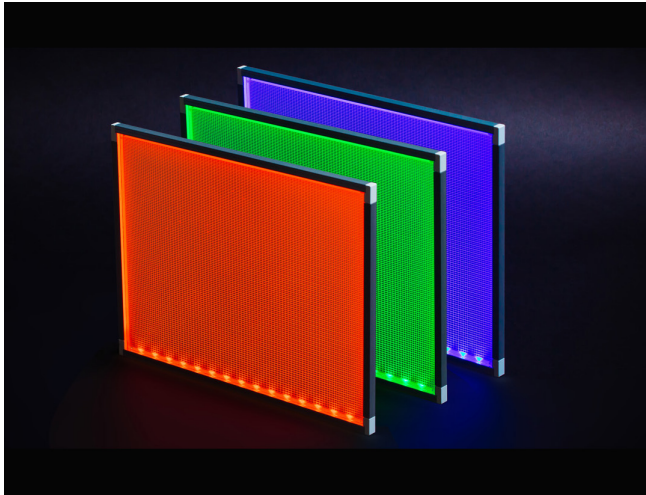
LightBoard



| | |
|-----------------------------|---|
| Description: | |
| Voltage | Either 12 or 24-vdc |
| Power | 4.5-watts per linear foot of LED strip used to illuminate the panel |
| Weight | 2-pounds per square foot |
| Size | 4 x 4-inches to 48 x 96-inches |
| Color Temperature (K) ± 200 | 3,200, 3,700, 4,200, 4,700, 5,300, 6,500, 7,500, Red, Green, Blue |
| Dimming | Yes, with pulse width dimmer |
| UL | Yes (Sign Accessory & Luminaire) |
| Operating Temperature | -4 ~ + 95°F |
| Life | >50,000-hours, 2 year guarantee |
| Brightness | 4,000-49,000 lux (dependent on size and qty. of LEDs used) |
| Application | Dry / Damp location |
| Construction | Acrylic with aluminum edge (heat sink) |

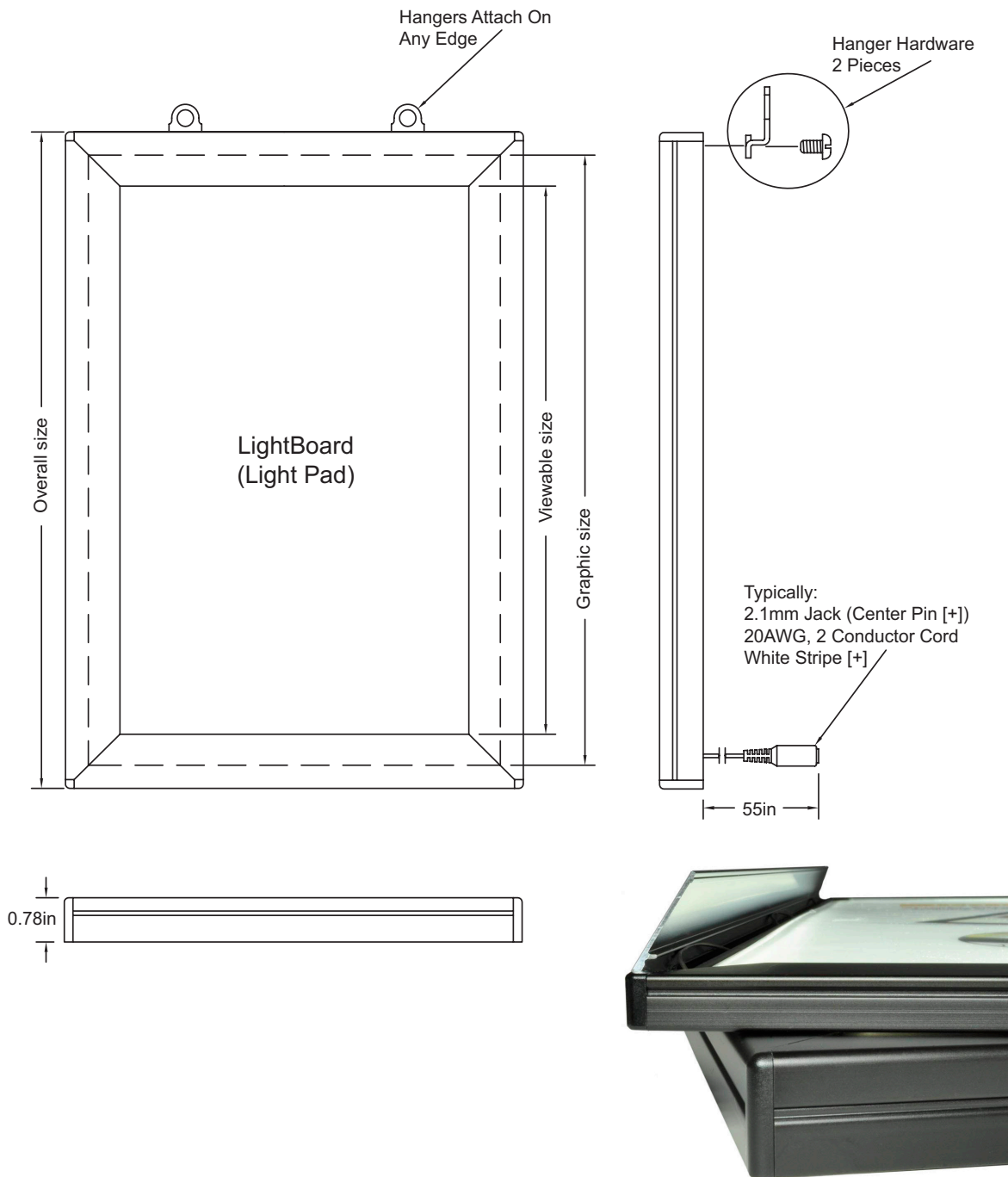
LightBoard RGB (Red, Green, Blue)

Red, Green and Blue panels are available with or without controllers. By mixing these 3 primary colors, it is possible to create 16-million colors. Custom fabrication available.

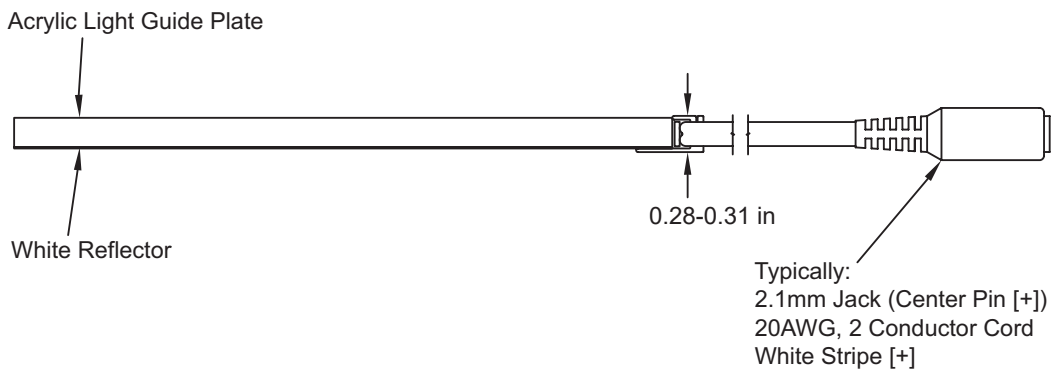
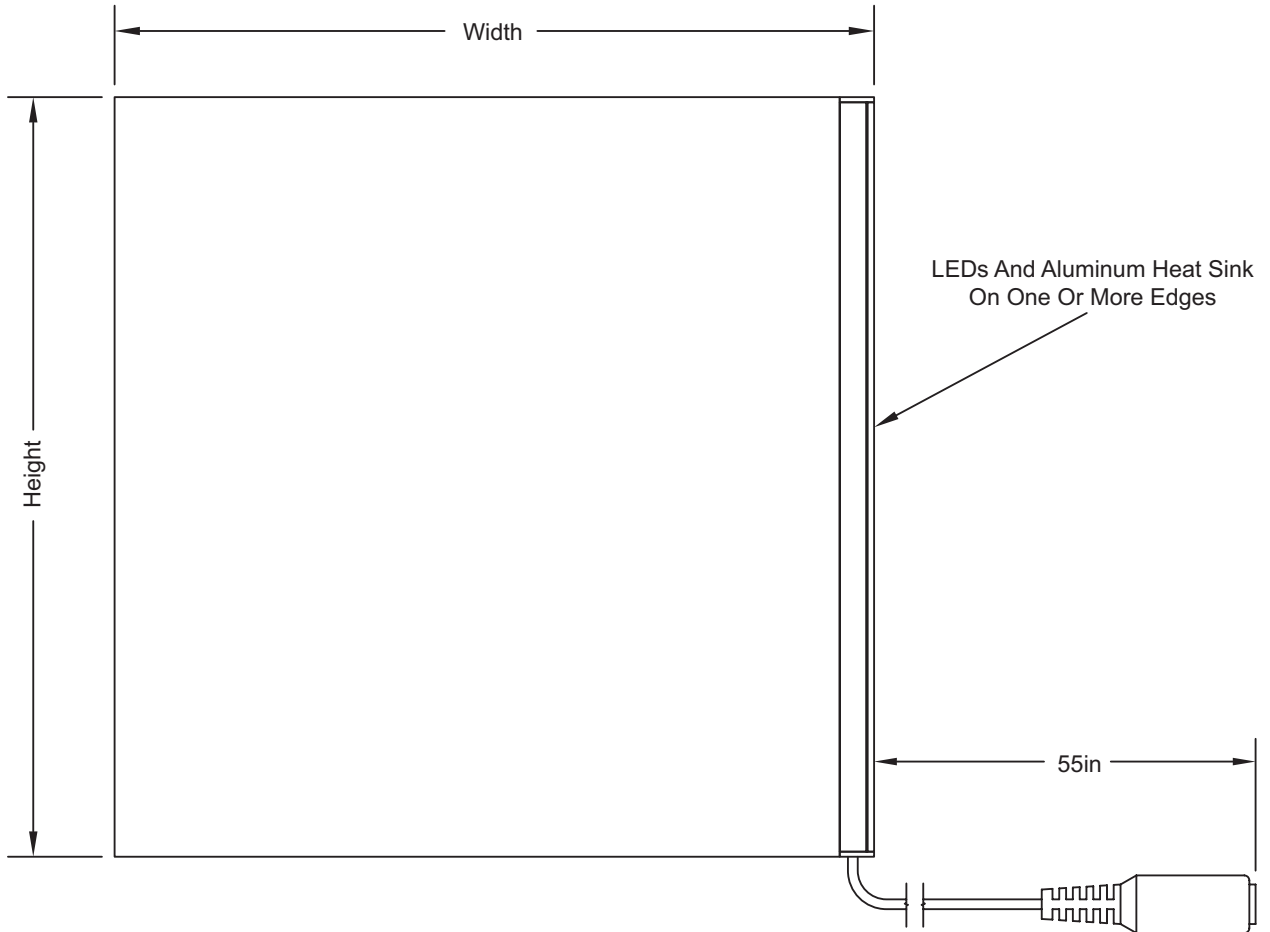


| | |
|-----------------------|--|
| Description: | |
| Voltage | 12-vdc / 24-vdc |
| Power | 1.5-watts per color, per linear foot of LED strip used to illuminate the panel |
| Weight | 2-pounds per square foot |
| Size | 4 x 4 to 48 x 96-inches |
| Color | Red, Green, Blue |
| UL | Yes (Sign Accessory & Luminaire) |
| Operating Temperature | -4 ~ + 95°F |
| Life | >50,000-hours, 2 year guarantee |
| Application | Dry location |
| Construction | Acrylic with aluminum edge (heat sink) |

LED Light Box

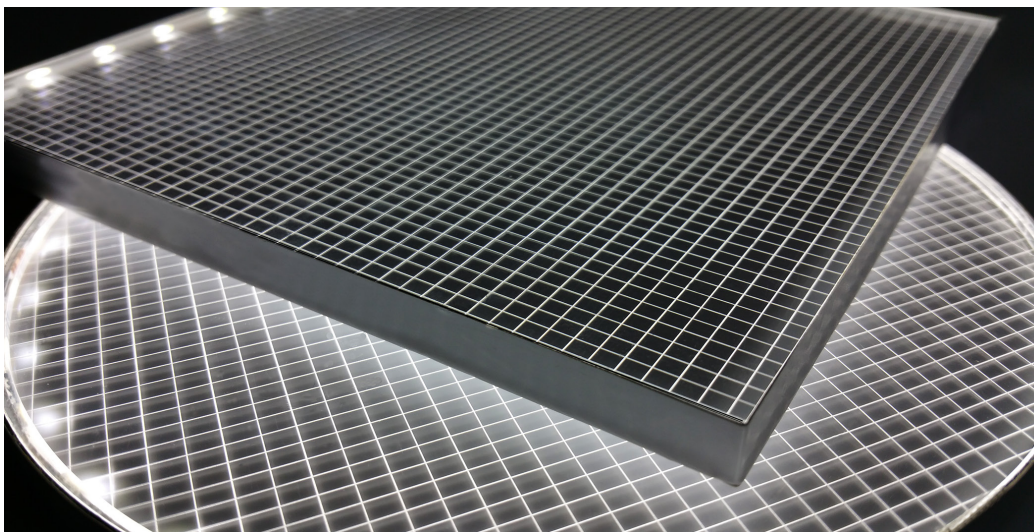


LightBoard Panel Design



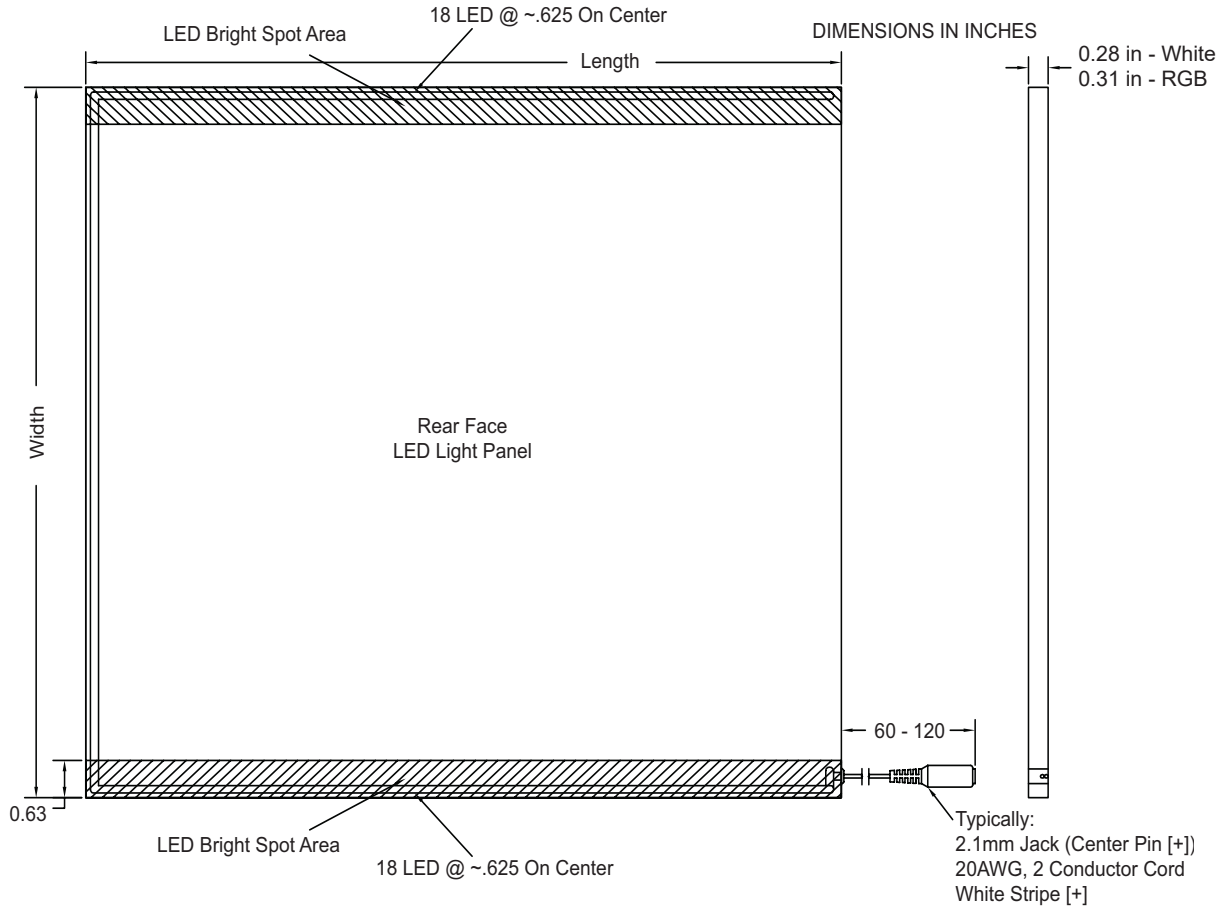
Illumice

An edge-lit light panel is known by several names; light board, light pad and light sheet. This product is a 0.28-0.31-inch thick acrylic sheet with LEDs on one or more edges. Light is distributed evenly throughout the panel by “V” cut grooves on one face of the acrylic.



| | |
|-----------------------------|---|
| Description: | |
| Voltage | 12-vdc / 24-vdc |
| Power | 7.2 / 7.8 Watts per linear foot of LED strip used to illuminate the panel |
| Weight | 2-pounds per square foot |
| Size | 4 x 4-inches to 48 x 96-inches |
| Color Temperature (K) ± 200 | 3,700, 5,300 |
| Dimming | Yes, with pulse width dimmer |
| UL | Signs UL48 |
| Operating Temperature | -4 ~ + 95°F |
| Life | 70,000-hours, 3 year guarantee |
| Brightness | 2,000-31,700 lux (dependent on size and quantity of LEDs used) |
| Application | Indoor |
| Construction | Acrylic |

Illumice

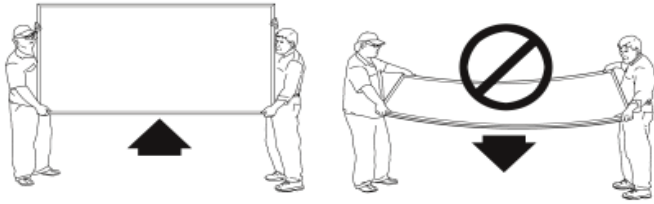


Examples of Panel Brightness

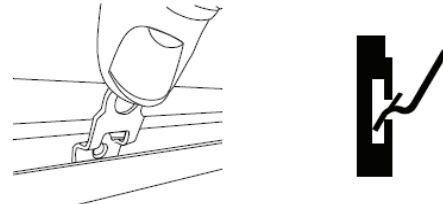
| Size (inches) | Brightness (Lx) | Power | Lighted Edges |
|---------------|-----------------|-------|---------------|
| 3.75 x 3.75 | 5,200 | 2.25 | 2 |
| 3.75 x 3.75 | 31,700 | 4.5 | 4 |
| 6 x 6 | 6,043 | 2 | 1 |
| 6 x 6 | 6,817 | 4 | 2 |
| 6 x 6 | 23,701 | 8 | 4 |
| 12 x 12 | 5,048 | 9 | 2 |
| 12 x 12 | 11,310 | 18 | 4 |
| 24 x 24 | 2,724 | 18 | 2 |
| 24 x 24 | 5,883 | 32 | 4 |

Instructions for Handling & Installation

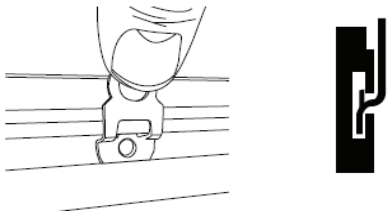
Please read all directions before carrying and installing LED edge-lit panels with or without flip-open frame (using mounting clips).



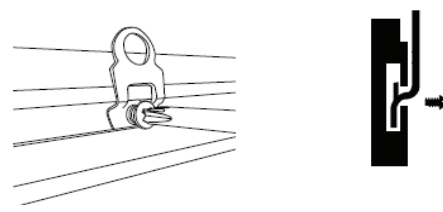
Step 1. Proper Handling of LED Edge-lit Panels & Light Boxes- Care should be taken to prevent breaking the acrylic light guide plate (LGP). While resting on a flat surface, raise one edge of the panel to a vertical position, lift and carry the panel in this position. Be careful to not pull on the power lead extending from the panel. Do not rest the panel on the power lead, damage to the wire's insulation may result.



Step 2. Wall Mounting a Light Box- Insert the hanging clip into the channel on the top rear of the frame at approximately 45 degree angle.



Step 3. Wall Mounting a Light Box Cont.- Using your thumb apply pressure to the upper portion of the clip, snapping it into the channel.



Step 4. Positioning Hanging Clip- Slide hanging clip to the desired location then insert and tighten locking screw using phillips screw driver. Repeat step 2 through 4 for second clip.