The LumiLightBox™ #13 (Thin Single-Sided) provides the aesthetic and application benefit of a snap frame that is 1” (25.4mm) deep with a 1 3/16” (30mm) front profile width and has the even and consistent illumination benefit of the LumiSheet™ LED light panel. The snap frame design provides a rapid and easy changing of the graphic image and is best for small (less than 24” x 36”) light box applications.

CUSTOMIZABLE
// Any size up to 4’ x 8’

BRIGHT & EVEN ILLUMINATION
// 3D V-Cutting technology
// Superior consistent light quality
// Super thin & super bright

EASY INSTALLATION
// Plug & play installation

LONG LIFESPAN
// Patented heat sink technology to maximize LED lifespan (70,000 hours)

ENERGY EFFICIENT
// Low power consumption (70% less than fluorescent)
// Energy saving and maintenance free

WARRANTY
// Advanced 3-year warranty

SLIM PROFILE

The LumiLightBox™ #13 (Thin Single-Sided) provides the aesthetic and application benefit of a snap frame that is 1” (25.4mm) deep with a 1 3/16” (30mm) front profile width and has the even and consistent illumination benefit of the LumiSheet™ LED light panel. The snap frame design provides a rapid and easy changing of the graphic image and is best for small (less than 24” x 36”) light box applications.

Integrated High Quality LEDs
LumiLightBox™ utilizes the LumiSheet™ technology which relies upon high quality 12V, constant voltage LEDs positioned internally, around the perimeter of the light box.

3D V-Groove Light Guide Plate (LGP)
LumiLightBox™ incorporates the LumiSheet™ technology as the light source for this unique product offering. A crystal clear acrylic with a bonded diffusion layer combined with a patented 3D V-groove etched grid pattern provides bright, even illumination.

Integrated Thermal Management
All LEDs create heat which is detrimental to their life span. LumiLightBox™ implements LumiSheet™ and its patented technology which integrates the heat sink into the LGP to efficiently remove heat which results in longer life.
### Specifications

#### Electrical

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>12 Volt DC - Constant Voltage</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>3.5 Watts/ft (3000K, 3500K, 5300K, 6300K)</td>
</tr>
<tr>
<td></td>
<td>4.5 Watts/ft (4100K)</td>
</tr>
<tr>
<td></td>
<td>4.5 Watts/ft (Tunable White LEDs)</td>
</tr>
<tr>
<td></td>
<td>5.0 Watts/ft (RGB LEDs)</td>
</tr>
<tr>
<td>Wire Size</td>
<td>20 AWG 2 wire (Standard LEDs)</td>
</tr>
<tr>
<td></td>
<td>20 AWG 3 wire (Tunable White LEDs)</td>
</tr>
<tr>
<td></td>
<td>22 AWG 4 wire (RGB LEDs)</td>
</tr>
<tr>
<td>Wiring</td>
<td>Each panel must have direct connection to power supply. Do not wire panels in series.</td>
</tr>
<tr>
<td>*Connector</td>
<td>2.1/5.5mm barrel plug [Center pin +1] (Standard/HO LEDs)</td>
</tr>
<tr>
<td></td>
<td>3-pin molex (Tunable White LEDs)</td>
</tr>
<tr>
<td></td>
<td>No connector (RGB LEDs)</td>
</tr>
<tr>
<td></td>
<td>Custom connection types available</td>
</tr>
<tr>
<td>Certification</td>
<td>UL / cUL (E334549)</td>
</tr>
</tbody>
</table>

#### Physical

<table>
<thead>
<tr>
<th>Color Temperature</th>
<th>Warm White (~3000K)</th>
<th>Soft White 3500K</th>
<th>Neutral White (~4100K)</th>
<th>Pure/Cool White (~5300K)</th>
<th>Ultra White 6300K</th>
<th>Tunable White 3000K - 6500K</th>
<th>** Color Adjustable RGB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Examples</td>
<td>Wall mounted with screws, hanging, or pendant with hanging wires</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-30˚C (-22˚F) ~ +40 ˚C (+104 ˚F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environment</td>
<td>Dry location only (Standard)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thickness</td>
<td>8mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Size</td>
<td>8 1/2&quot;W x 11&quot;L x 5/16&quot;D (216mm x 279mm x 8mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Size</td>
<td>48&quot;W x 96&quot;L x 5/16&quot;D (1219mm x 2438mm x 8mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>1.95 lbs/sq. ft. (8mm LGP)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9.54 kg/sq. M (8mm LGP)</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

#### Frame Series #

| Frame Width                  | 1 3/16" (30mm) |
| Frame Thickness              | 1" (25.4mm)    |
| Frame Material & Color       | Anodized Aluminum Snap Frame | Color: Silver / Black |

#### Power & Controls

Please contact Evo-Lite for optimal power & control solutions to fit your requirements

* Standard 5’ (1500mm), Optional 10’ (3000mm)  ** Static red, green, and blue color options available

#### Profile Dimensions

![Profile Dimensions Diagram](image-url)
MOUNTING OPTIONS (All Mounting Hardware Sold Separately)

1. Wall Mounting With Screws

   - Frame Front
   - Wall mounting with screws
   - Frame Back
   - Power Cable & Driver

2. Pendant with Hanging Wires

   - Mounting Accessory
   - Aircraft Cable
   - Canopy & Driver
   - Power Cable

**Canopy & Mounting Accessory are not included**
3. SLAT WALL MOUNTING WITH SCREWS

Frame Front

Frame Back

Slat Mounting

Wall

Screw

Frame

Side View

4. URO WALL MOUNTING WITH SCREWS

Frame Back

Can be Rotated

Frame Back

All Mounting Hardware Sold Separately
EVO-LITE, LLC
1393 S. Santa Fe Dr. Denver, CO 80223

MAIN PHONE: 303-996-2980
TOLL FREE: 1-888-887-2980
E-MAIL: info@Evo-Lite.com
URL: www.Evo-Lite.com

TERMS & CONDITIONS
Be sure to familiarize yourself with Evo-Lite’s Terms & Conditions. By ordering from Evo-Lite, the purchaser agrees to all Terms & Conditions.

PATENTS
LumiSheet™ PATENTS
USA: 7473022
CANADA: 2,626,448
JAPAN: 4427528
CHINA: ZL 200610085027.0
TAIWAIN: 312899
SINGAPORE: 141901
SOUTH AFRICA: 2008/03676
EUROPEAN UNION: 1,780,584
(Germany, UK, France, Italy, Spain, The Netherlands, Belgium, Sweden, Austria, Poland, Denmark, Greece, Ireland, Finland, Portugal, Czech Republic, Hungary, Romania, Slovakia, Bulgaria, Switzerland, Luxembourg, Slovenia, Turkey,

V-CUTTER FOR AN LCD LIGHT GUIDE PANEL
USA: 6619175
JAPAN: 3500466
TAIWAN: 155175

A LIGHT GUIDE PANEL WITH SALANT LIGHT GUIDING PARTS
USA: US 7,018,087 B2

PIN KIT FOR V-CUTTER
KOREA: 10-0552589, 10-0557738, 10-0557741, 0540055, 0540053, 10-0772921, 10-0716543, 10-0565890, 10-0753963, 10-0643604, 10-0736656, 10-0748074, 10-0748073, 10-0762741, USA: 6792842
JAPAN: 3463060
EU: 1335817
CHINA: ZL 01818623.8
TAIWAN: 312899

Specifications are subject to change without notice.