

LumiLightBox™ #17

Ribbed Double-Sided

CUSTOMIZABLE

- // Available in custom sizes
- // Double sided application

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
- // Energy saving and maintenance free

WARRANTY

- // Advanced 3-year warranty



Frame Color

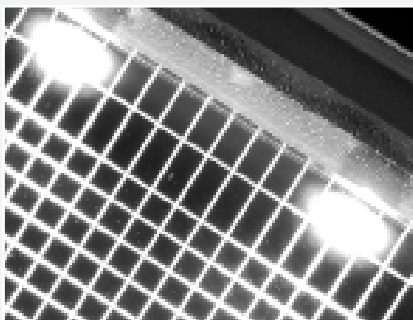
Silver

SLIM PROFILE

LumiLightBox™ #17 (Ribbed Double-Sided) consists of a single or double face illuminated white or RGB LumiSheet with a ribbed aluminum frame. This ultra slim, ultra bright, energy efficient LED lighting unit is the best choice for shelf backlighting in retail stores and for decorative lighting in other commercial applications to replace inefficient traditional fluorescent lighting fixtures

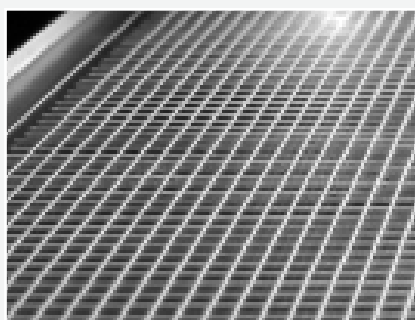
Integrated High Quality LEDs

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



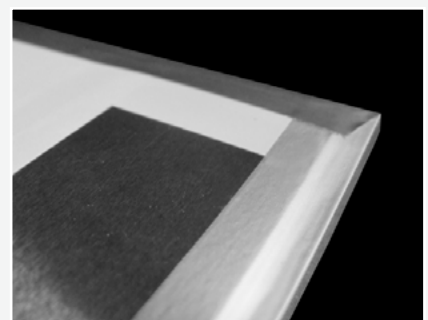
3D V-Groove Light Guide Plate (LGP)

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.



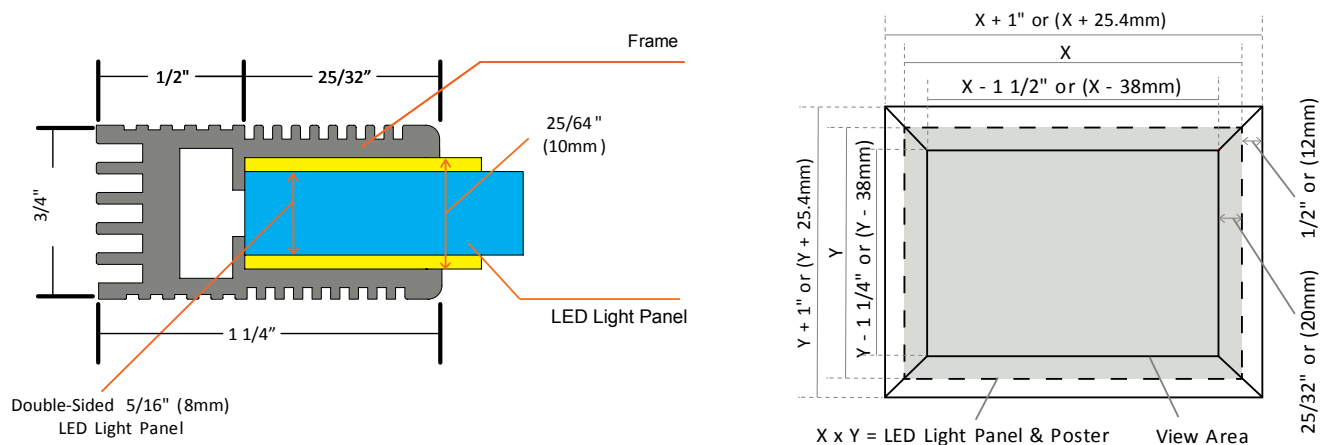
SPECIFICATIONS

| ELECTRICAL | | | | | | | |
|---|---|---------------------------------------|--------------------------------------|--------------------------------------|----------------------|--------------------------------|-------------------------|
| Input Voltage | 12 Volt DC - Constant Voltage | | | | | | |
| Power Consumption | 3.5 Watts/ft (3000K, 3500K, 5300K, 6300K) | 4.5 Watts/ft (4100K) | 4.5 Watts/ft (Tunable White LEDs) | 5.0 Watts/ft (RGB LEDs) | | | |
| Wire Size | 20 AWG 2 wire (Standard LEDs) | 20 AWG 3 wire (Tunable White LEDs) | | 22 AWG 4 wire (RGB LEDs) | | | |
| Wiring | Each panel must have direct connection to power supply. Do not wire panels in series. | | | | | | |
| *Connector | 2.1/5.5mm barrel plug [Center pin +] (Standard/HO LEDs) | 3-pin molex (Tunable White LEDs) | No connector (RGB LEDs) | Custom connection types available | | | |
| Certification | UL / cUL (E334549, E346146) | | | | | | |
| PHYSICAL | | | | | | | |
| Color Temperature | Warm White ~3000K | Soft White 3500K | Neutral White ~4100K | Pure/Cool White ~5300K | Ultra White 6300K | Tunable White 3000K - 6500K | Color Adjustable RGB |
| Mounting Examples | Wall mounted with screws, hanging, or pendant with hanging wires | | | | | | |
| Operating Temperature | -30 °C (-22 °F) ~ +40 °C (+104 °F) | | | | | | |
| Environment | Dry location only (Standard) | | | | | | |
| Thickness | 10mm | | | | | | |
| Minimum Size | 8 1/2"W x 11"L x 5/16"D (216mm x 279mm x 8mm) | | | | | | |
| Maximum Size | 48" W x 96"L x 5/16"D (1219mm x 2438mm x 8mm) | | | | | | |
| Weight | 1.95 lbs/sq. ft. (8mm LGP) | | | 9.54 kg/sq. M (8mm LGP) | | | |
| FRAME SERIES # | | LLB12-13 | | | | | |
| Frame Width | 1 1/4" (32mm) | | | | | | |
| Frame Thickness | 3/4" (19mm) | | | | | | |
| Frame Material & Color | Anodized Aluminum Snap Frame | | | Color: Silver | | | |
| POWER & CONTROLS | | | | | | | |
| Please contact Evo-Lite for optimal power & control solutions to fit your requirements | | | | | | | |

* Standard 5' (1500mm), Optional 10' (3000mm)

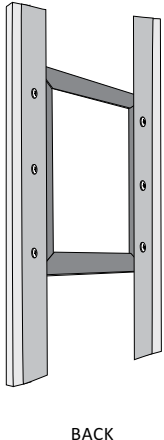
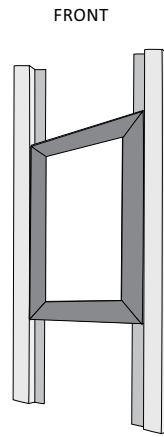
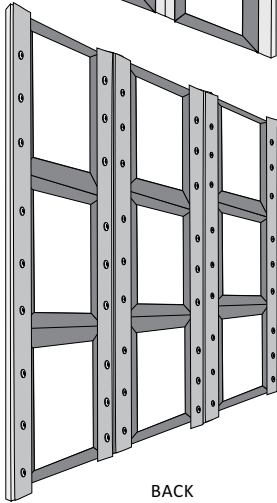
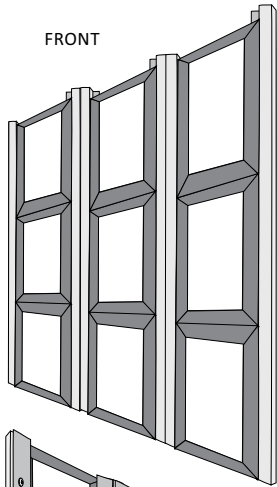


Profile of LumiLightBox #17

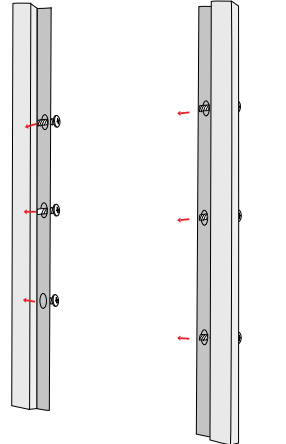
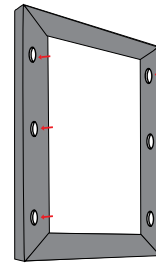
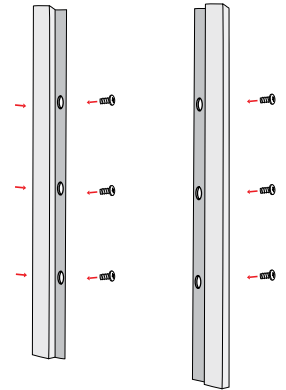
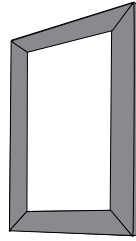


MOUNTING OPTIONS (All Mounting Hardware Sold Separately)

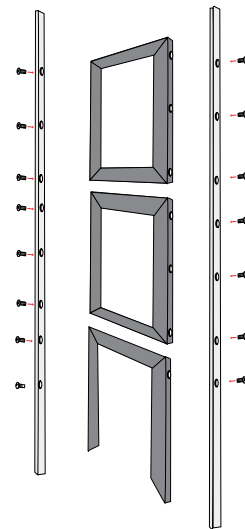
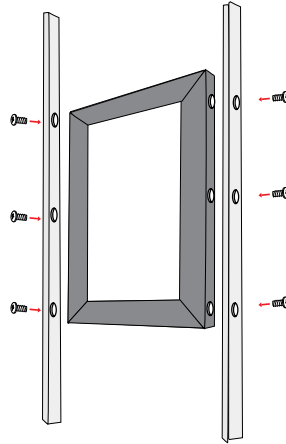
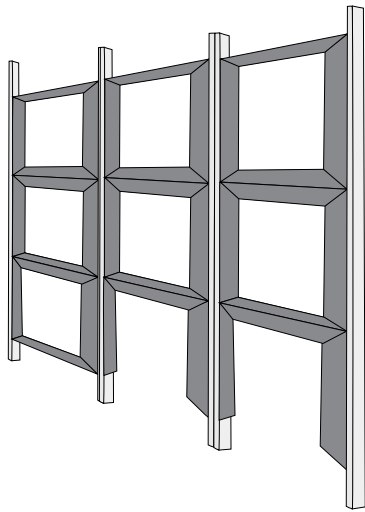
1 SCREW MOUNTING



FRONT



2 SCREW MOUNTING





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
TAIWAN: 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: 163820

Specifications are subject to change without notice.