

# LumiFabric™ #18

## LED Light Box

### CUSTOMIZABLE

// Any size up to 4' x 8'

### BRIGHT & EVEN ILLUMINATION

// Superior consistent light quality  
// Super thin & super bright

### EASY INSTALLATION

// Plug & play installation  
// Change graphics with ease  
// Extremely simple to maintain

### HIGH QUALITY GRAPHICS

// Dye sublimation print process  
// Frame provided with or without graphic

### LONG LIFESPAN

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

### ENERGY EFFICIENT

// Low power consumption  
(70% less than fluorescent)

### WARRANTY

// Advanced 3-year warranty



Frame Colors

Silver

## CREATE AN IMPACT

The LumiFabric™ LightBox coupled with our patented LumiSheet™ LED edge lit panel provides uniform and high impact punch for backlit fabric graphics in one of the industries slimmest LightBox's ever. At under an inch in depth and custom made to your specifications the sleek, almost frameless appearance will blend seamlessly into any environment. LumiFabric™ LightBox provides versatility and performance allowing retailers, visual merchandisers and designers to present their brand with vivid impact.

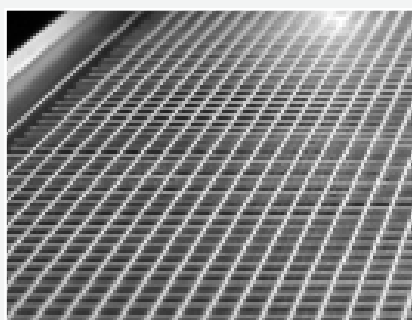
### Integrated High Quality LEDs

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



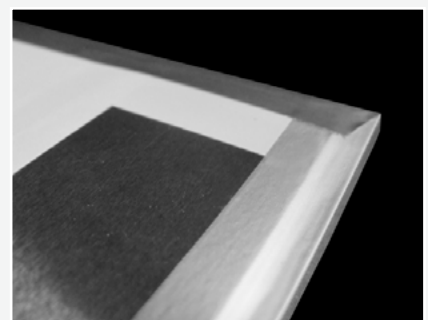
### 3D V-Groove Light Guide Plate (LGP)

LumiFabric™ Light Box 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

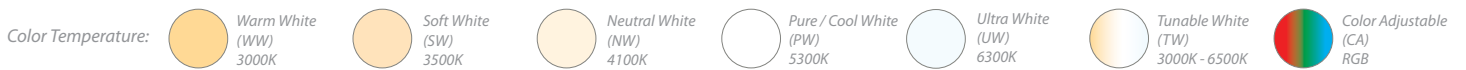
All LEDs create heat which is detrimental to their life span. LumiFabric™ Light Box implements LumiSheet™ and its patented technology which integrates the heat sink into the LGP to efficiently remove heat which results in longer life.



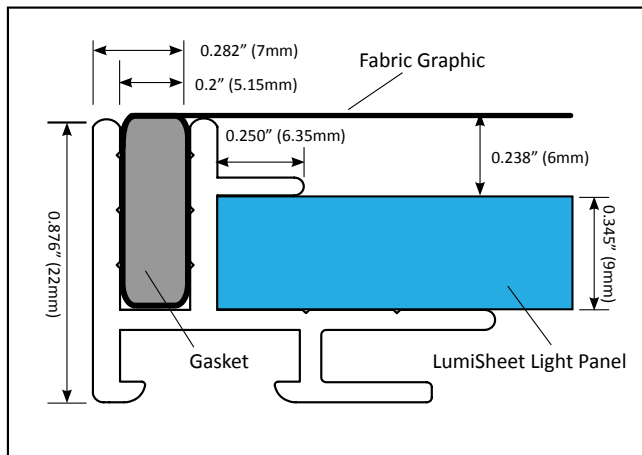
# SPECIFICATIONS

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 (E346146, E325925)						
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, or Z-clips, optional cable hanging set: x2 pcs (sold separately)						
Operating Temperature	-30 °C (-22 °F) ~ +40 °C (+104 °F)						
Environment	Dry location only (Standard)						
Thickness	7/8" (22mm)						
Minimum Size	6"W x 6"L x 7/8"D (76mm x 76mm x 22mm)						
Maximum Size	48" W x 96" L x 7/8"D (1219mm x 2438mm x 22mm)						
Weight	Approx 2.6 lbs/sq. ft.						
POWER & CONTROLS							
<b>Please contact Evo-Lite for optimal power &amp; control solutions to fit your requirements</b>							

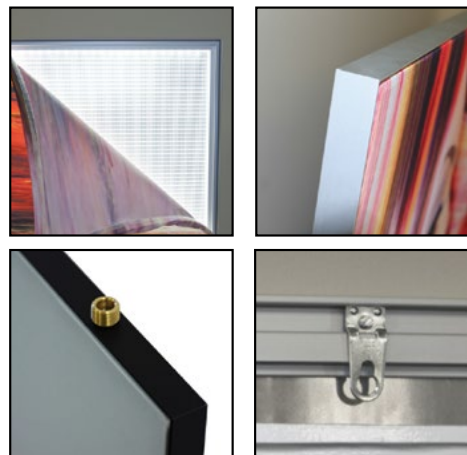
\* Standard 5' (1500mm), Optional 10' (3000mm)



## PROFILE DIMENSIONS



## MOUNTING (All Mounting Hardware Sold Separately)



Mounting can be done with screws and eyelet, z-clips or optional wire hangers.



## FABRIC IMAGE GUIDELINE FOR LUMIFABRIC™

**Size:** output size (as listed for each sign)

**Resolution:** 100 DPI at output size (or 300dpi if files designed at half size)

**Bleed:** recommended to leave at least 1" outside of dieline

**Color mode:** RGB preferred

**Type safety:** recommended to place text / logos at least 2-3" away from dieline

**Acceptable file formats:** high resolution, print ready pdf preferred. AI, EPS & PSD accepted if all images embedded, fonts outlined & layers flattened. InDesign & nativ files not accepted.



# EVO-LITE, LLC

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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.