LUXCANVAS ™

LUMINOUS TEXTILE Luminous Ceilings & Feature Walls

MAKE A DESIGN STATEMENT

Recreate the effect of natural daylight without needing to open a window with our edgeless **LUXCANVAS™ LED Illuminated Textile Lighting**. LUXCANVAS™ is a multifunctional, all-inclusive fabric light box system that will transform the walls and ceilings of your environment into artistic illuminated masterpieces. Boasting a clean, frameless look, this beautiful low-profile lighting fixture is designed to seamlessly integrate into any architectural space it is meant to illuminate as a recessed, surface, or suspended lighting solution.

KEY FEATURES

QUICK FABRIC CHANGES	FRAMELESS DESIGN	EVEN LIGHTING NO DARK SPOTS	COMPACT PROFILE
SURFACE MOUNT	SUSPENDED	RECESSED	ILLUMINATED CEILINGS
ILLUMINATED WALLS	CUSTOMIZE	CUSTOM FRAME COLORS	PLUG & PLAY AVAILABLE

ASSURED QUALITY

c**UL**us LISTED — E351307

MADE IN USA

Quality approved — 100% QC

5 YEAR — LIMITED WARRANTY

CE

LUXCANVAS™ is an edgeless and even illumination solution that recreates natural lighting. It can also be used to add a colorful glow to your space!

PROJECT NAME/NO.	PART NUMBER
SPECIFIED BY	NOTE

PSS.22.10.R0

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MECHANICAL

MATERIAL
Frame Material Anodized aluminum
Textile Surface Material 100% Flame-retardant polyester
Textile Installation Silicone beading
Flexible Silicone Beading Silicone
Backboard Aluminum

WARRANTY/CERTIFICATIONS
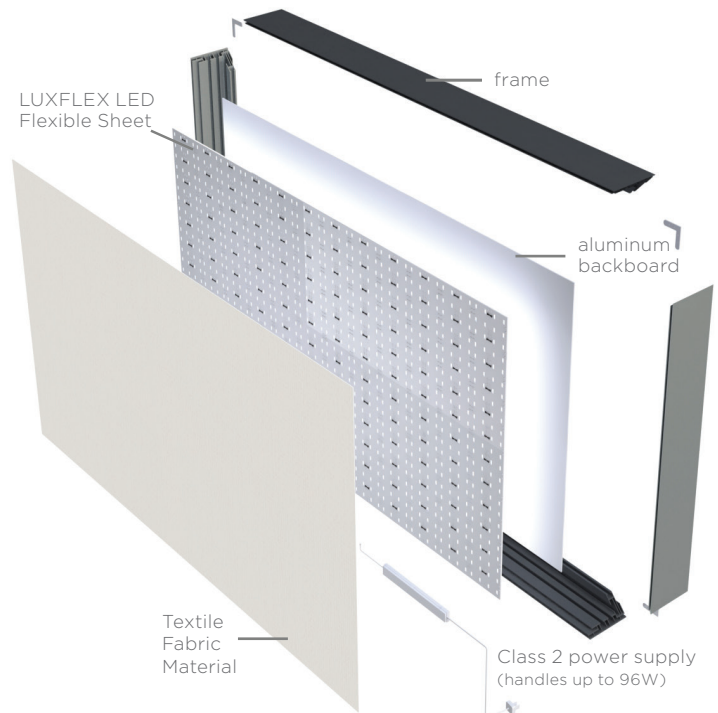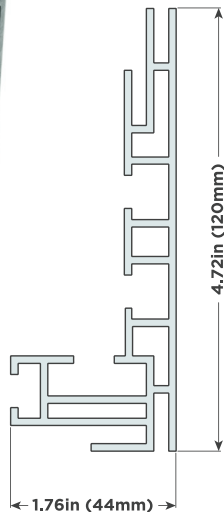**Compliance** UL Listed
Warranty 5-years

DIMENSIONS
Seamless Textile Dimensions Min. ≥ 18″ x 18″ (457mm x 457mm) • Max. ≤ 120″ (3048mm width x any length)
Fabric Size Equivalent to exterior frame
Profile Height (Frame) 4.7″ (120mm)
Orientation Portrait & landscape
Flexible Silicone Beading 0.55″ x 0.098″ (14mm x 2.5mm)

FINISH
Standard Frame Color Silver anodized aluminum
Custom Frame Color Powder coated available upon request
Print Process White fabric (unprinted) • Digital dye-sublimation (printed)

4.72in (120mm)

1.76in (44mm)

FRAME PROFILE
CROSS-SECTION

WE CUSTOMIZE FRAME COLORS*

WANT A
SPECIAL COLOR?

Call us for a quote today—(714) 256-2111
*Additional charges may apply.

frame

LUXFLEX LED
Flexible Sheet

aluminum
backboard

Textile
Fabric
Material

Class 2 power supply
(handles up to 96W)

**LUXCANVAS TEXTILE
SILICONE BEADING INSERTS
SNUGLY INTO FRAME PROFILE**

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ELECTRICAL

PHOTOMETRIC DATA TABLE FOR 2'X2' LUXCANVAS

LUMINAIRE	TYPE	COLOR TEMPERATURE (CCT)	LUMINOUS FLUX		EFFICACY	POWER		MAX LOAD	WEIGHT	
			LM/SQ FT	LM/SQ M	LM/W	W/SQ FT	W/SQ M	sheet: 12"x24"	LBS	KG
LUXFLEX Standard	Low	2700K	143.90	1548.12	63.95	2.25	24.21	15 sheets	6.12	2.78
		3000K	149.89	1612.62	66.62	2.25	24.21	15 sheets	6.12	2.78
		4100K	155.89	1677.12	69.28	2.25	24.21	15 sheets	6.12	2.78
		5300K	161.89	1741.63	71.95	2.25	24.21	15 sheets	6.12	2.78
		6500K	167.88	1806.14	74.61	2.25	24.21	15 sheets	6.12	2.78
	Medium	2700k	288.48	3103.60	64.11	4.5	48.41	7 sheets	6.12	2.78
		3000K	300.50	3232.93	66.78	4.5	48.41	7 sheets	6.12	2.78
		4100K	312.52	3362.23	69.45	4.5	48.41	7 sheets	6.12	2.78
		5300K	324.54	3491.55	72.12	4.5	48.41	7 sheets	6.12	2.78
		6500K	336.56	3620.88	74.79	4.5	48.41	7 sheets	6.12	2.78
	High	2700k	456.82	4914.65	64.07	7.13	76.67	5 sheets	6.12	2.78
		3000K	475.86	5119.44	66.74	7.13	76.67	5 sheets	6.12	2.78
		4100K	494.89	5324.20	69.41	7.13	76.67	5 sheets	6.12	2.78
		5300K	513.92	5528.98	72.08	7.13	76.67	5 sheets	6.12	2.78
		6500K	532.96	5733.77	74.75	7.13	76.67	5 sheets	6.12	2.78
LUXFLEX Premium		2700K	601.08	6466	61.64	9.75	104.89	3.5 sheets	6.13	2.78
		3000K	626.13	6736	64.21	9.75	104.89	3.5 sheets	6.13	2.78
		3500K	638.65	6870	65.50	9.75	104.89	3.5 sheets	6.13	2.78
		4100K	651.18	7005	66.78	9.75	104.89	3.5 sheets	6.13	2.78
		5300K	676.22	7274	69.35	9.75	104.89	3.5 sheets	6.13	2.78
		6500K	701.26	7544	71.92	9.75	104.89	3.5 sheets	6.13	2.78
LUXFLEX RGBW		Red	43.20	464	14.40	3.00	32.28	3 sheets	6.13	2.78
		Green	136.08	1464	45.36	3.00	32.28	3 sheets	6.13	2.78
		Blue	28.80	309	9.60	3.00	32.28	3 sheets	6.13	2.78
		2700k	146.88	1580	48.96	3.00	32.28	3 sheets	6.13	2.78
		3000K	153.00	1646	51.00	3.00	32.28	3 sheets	6.13	2.78
		4100K	158.63	1706	52.87	3.00	32.28	3 sheets	6.13	2.78
		5300K	164.98	1774	54.99	3.00	32.28	3 sheets	6.13	2.78
		6500K	171.57	1845	57.19	3.00	32.28	3 sheets	6.13	2.78
		RGB - 10000K	880.54	9473	146.75	6	64.55	3 sheets	6.13	2.78
		RGBW	1056.22	11363	88.01	12	129.10	3 sheets	6.13	2.78
LUXFLEX Tunable White	Low	6500K	99.5	1070	45.43	2.19	23.56	8 sheets	6.13	2.78
		2400K	92	990	42.01	2.19	23.56	8 sheets	6.13	2.78
		4100K	184.1	1981	42.03	4.38	47.12	8 sheets	6.13	2.78
	Medium	6500K	149.25	1606	45.43	3.29	35.34	5 sheets	6.13	2.78
		2400K	138	1485	42.01	3.29	35.34	5 sheets	6.13	2.78
		4100K	276.15	2971	42.03	6.57	70.68	5 sheets	6.13	2.78
	High	6500K	248.75	2676	44.18	5.63	60.57	3 sheets	6.13	2.78
		2400K	230.00	2474	40.85	5.63	60.57	3 sheets	6.13	2.78
		4100K	460.25	4952	40.73	11.30	121.57	3 sheets	6.13	2.78

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PHOTOMETRICS

Distribution Lambertian
Standard Color Temperatures 3000K • 4100K • 5300K • 6500K
Custom Color Temperatures Inquire for more information; custom requests may extend production lead time.
Color Rendering Index (CRI) ≤ 90
Color Uniformity 3SDCM
Maintenance Factor L70 50,000+ hours

POWER SUPPLY

Remote Class 2 Power Supply Up to 96W
Input Voltage 24VDC; 100-277VAC, 50-60Hz
Universal Power Supply Available upon request
Power Supply Location By default, power supplies will be generally installed inside of the light box with exception to curved light box applications. Oversize power supplies and controls such as magnetic low voltage, power supplies manufactured by suppliers other than LEDCONN, and rgb/rgbw/tunable white controls will be mounted remotely.
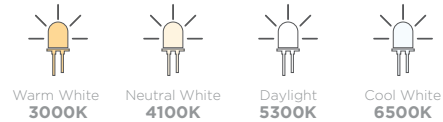
DIMMING OPTIONS (STATIC WHITE CCTS)

• Pulse-width modultation (PWM)
• 0-10V dimming
• Magnetic low-voltage (MLV)

COMPATIBLE CONTROL (RGB/RGBW/TUNABLE WHITE ONLY)

• DMX control
• Pulse-width modultation (PWM)
• RGB controller

COLOR TEMPERATURES (CCT)

Warm White **3000K**	Neutral White **4100K**	Daylight **5300K**	Cool White **6500K**

RGB · RGBW · TUNABLE WHITE

Current ⊙ Compatible

NX
• Energy Savings
• Versatile
• Scalable
• Outdoor Rated
• Wired, Wireless or Hybrid

Contact us to inquire about other compatible controls

INSTALLATION

Environment Indoor, dry location only
Operating Temperature LUXCANVAS™ LED luminous textile boxes shall operate at a temperature range of 32˚F min to +104˚F max (0˚C min to +40˚C max).
Ambient Temperature LUXCANVAS™ shall be maintained at an ambient temperature range of -40˚F min to +185˚F max (-40˚C min to 85˚C max).
Mounting LUXCANVAS™ may be surface mounted, recessed, or suspended. Ceiling applications may be achieved with any of these mounting styles. Wall applications are typically achieved with surface or recessed mounting only.
Multi-Paneling For installations exceeding 10′ in length on more than one side, LUXCANVAS™ will need to be shipped knocked-down in a multi-paneled format due to shipping limitations.

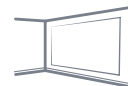## MOUNTING

APPLICATION	SURFACE MOUNT	RECESSED	SUSPENDED
CEILING	X	X	X
WALL	X	X	

SAFETY DISCLOSURES

Electric Code Compliance Please make sure to install LUXCANVAS™ in accordance with standard national and local electrical codes.
Actual Product Color May Vary Please note that the product color as seen in this specification sheet, photography, and related marketing material for this product may vary slightly from your actual customized product due to photographic and design limitations.

Specifications are Subject to Change Without Notice While we try to make every effort to inform customers of updates to our products, we reserve the right to make modifications and improvements to our fixture specifications and designs without advance notice.
Manufacturer is Not Liable for Matching Fixtures to Pre-Existing Fixture Installations We cannot guarantee matching the CCT appearance, product design, or lumen output for pre-installed fixtures or reorders.

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APPLICATIONS

· Luminous Ceilings & Walls
· Retail Environments
· Airports
· Museums
· Showrooms (such as automobile showrooms)
· Corporate Offices
· Trade Show Exhibitions

Mounting Types
· Wall Mount
· Hanging (eyehooks or aviation cable)
· Surface Mounting
· Recessed

LUXCANVAS™ FRAME PART NUMBER

EXAMPLE	LUXCANVAS™	PROFILE 120	30" X 72"	3000K	LUXFLEX™	SILVER	HANGING
F123072ZFS-H	**F**	**12**	**3072**	**Z**	**F**	**S**	**-H**
	PRODUCT LINE/PROFILE	PROFILE	DIMENSIONS LENGTH X WIDTH	COLOR TEMPERATURE (CCT)	LIGHT SOURCE	FRAME COLOR	ADD ON
BUILD IT!							

OPTIONAL
OMIT IF N/A

PRODUCT LINE

F   LUXCANVAS™ SQUARE/RECTANGLE
FC   LUXCANVAS™ CUSTOM SHAPE

PROFILE

12   PROFILE 120

DIMENSIONS (INCHES)

LLWW   LENGTH X WIDTH (VARIES)

COLOR TEMPERATURE (CCT)*

W	6500K
V	5300K
Y	4100K
Z	3000K
C	CUSTOM CCT/RGBW
A	ADJUSTABLE (TUNABLE WHITE)

If you choose LUXFLEX RGBW as a light source, then please also select your desired static white correlated color temperature (CCT).

LIGHT SOURCE

F   LUXFLEX™

FRAME COLOR

S   SILVER
K   BLACK
C   CUSTOM COLOR

ADDITIONAL ADD-ON

-H   HANGING

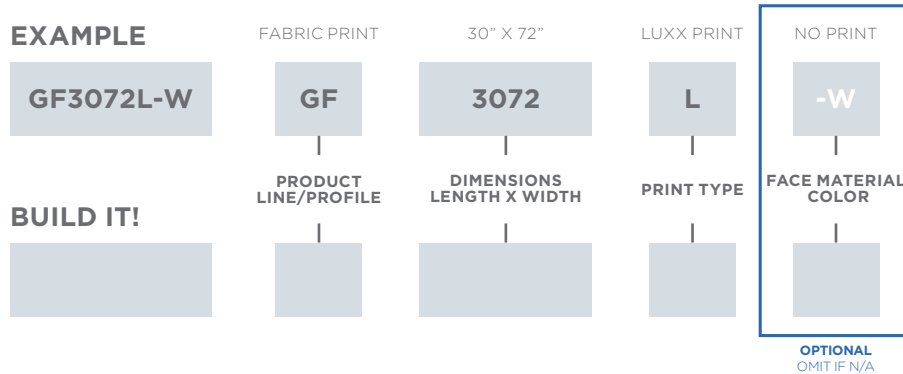| PROJECT NAME/NO.	PART NUMBER
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LUXCANVAS™ FABRIC TEXTILE PART NUMBER

EXAMPLE

FABRIC PRINT	30" X 72"	LUXX PRINT	NO PRINT

| GF3072L-W | GF | 3072 | L | -W |

BUILD IT!

PRODUCT LINE/PROFILE | DIMENSIONS LENGTH X WIDTH | PRINT TYPE | FACE MATERIAL COLOR

OPTIONAL
OMIT IF N/A

PRODUCT LINE

GF   FABRIC PRINT

DIMENSIONS (INCHES)

LLWW   LENGTH X WIDTH (VARIES)

PRINT TYPE

L   ILLUMINATED PRINT

B   BLOCK OUT

D   NON-ILLUMINATED

FACE MATERIAL COLOR

-W   NO PRINT (WHITE FABRIC)

PROJECT NAME/NO.	PART NUMBER
SPECIFIED BY	NOTE