

LUXCANVAS™

SLENDER SERIES

Luminous Ceilings & Feature Walls

DESIGN IN YOUR FORM

Design your spaces with unique shapes and forms that were once unimaginable with our edgeless **LUXCANVAS™ Slender Series**. LUXCANVAS™ Slender Series adds the unique forms and features along with its multifunctional, all-inclusive fabric light box system that will transform the walls and ceilings of your environment into illuminated masterpieces. **LUXCANVAS™ Slender Series** boasts an 3.14" low-profile lighting fixture that is designed to provide a sleek and slender illuminated aesthetic with options in a clean white, color changing or color tuning finish.

KEY FEATURES



ASSURED QUALITY



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

PROJECT NAME/NO.	PART NUMBER
SPECIFIED BY	NOTE

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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

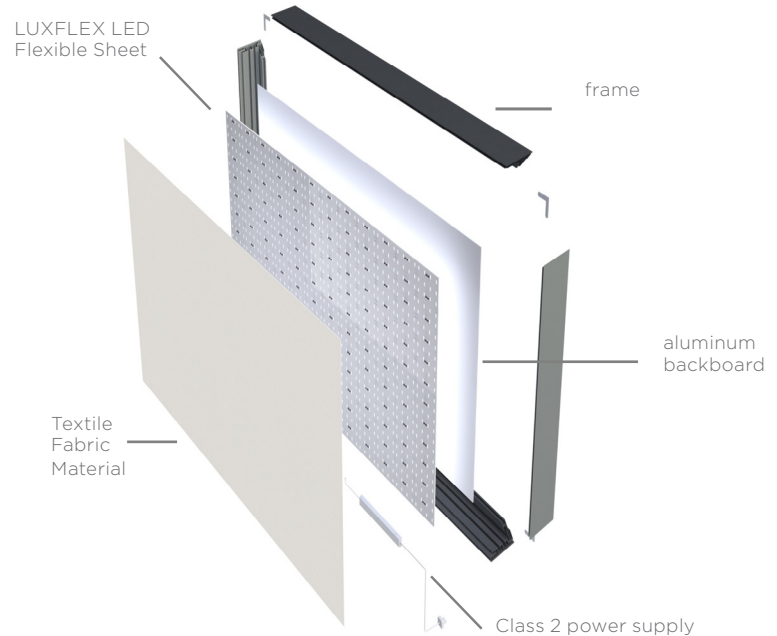
DIMENSIONS

Seamless Textile Dimensions Min. $\geq 18" \times 18"$ (457mm x 457mm) •
 Max. $\leq 120"$ (3048mm width x customizable length)
Minimum Radius (For Shapes): R7.87" (0.2m)
Fabric Size Equivalent to exterior frame
Profile Height (Frame) 3.15" (80mm)
Orientation Portrait or Landscape
Flexible Silicone Beading 0.55" x 0.098" (14mm x 2.5mm)

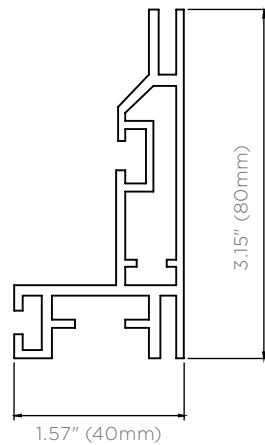
FINISH

Standard Frame Color Silver anodized aluminum
Custom Frame Color Powder coated available upon request.
 Specify RAL# for availability.
Print Process White fabric (unprinted)
 • Digital dye-sublimation (printed) or UV Printing

With LUXFLEX



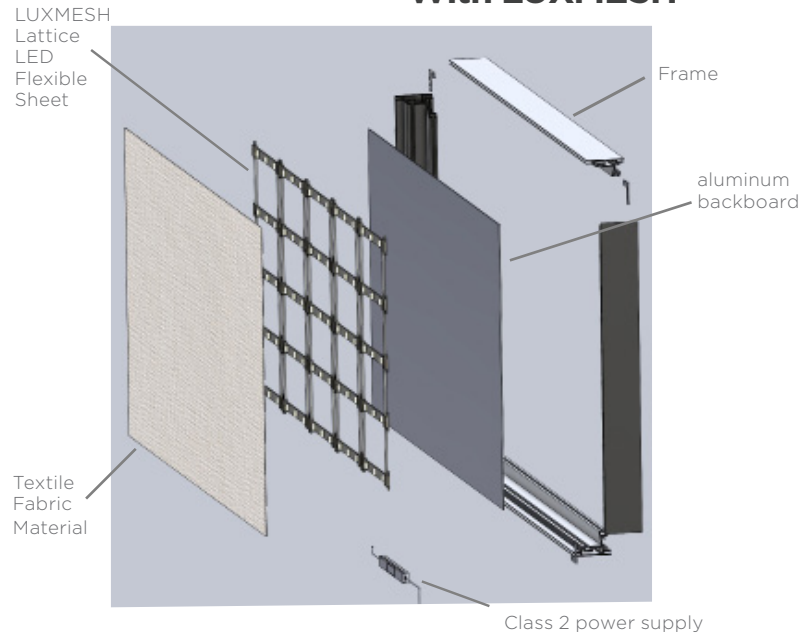
FRAME PROFILE CROSS-SECTION



WANT A SPECIAL COLOR?

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

With LUXMESH



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LUXCANVAS
TEXTILE
SILICONE
BEADING
INSERTS
SNUGLY INTO
FRAME PROFILE

ELECTRICAL

PHOTOMETRIC DATA TABLE - LUXMESH LATTICE LIGHT ENGINE

LUMINAIRE	LENGTH	PITCH	TYPE	COLOR TEMPERATURE (CCT)	LUMINOUS FLUX		EFFICACY LM/W	W/STICK	POWER	
					LM/SQ FT	LM/SQ M			W/SQ FT	W/SQ M
LUXMESH Lattice Lighting (White)	36.61" 930mm	3.15"	Low	3000K	151.67	1631.73	54.36	2.50	2.79	30.02
				4100K	157.74	1697.00	56.54	2.50	2.79	30.02
				5300K	164.05	1764.88	58.80	2.50	2.79	30.02
				6500K	168.97	1817.82	60.56	2.50	2.79	30.02
			Medium	3000K	252.82	2719.94	54.37	4.17	4.65	50.03
				4100K	262.93	2828.74	56.54	4.17	4.65	50.03
				5300K	273.45	2941.89	58.81	4.17	4.65	50.03
				6500K	281.65	3030.14	60.57	4.17	4.65	50.03
			High	3000K	606.75	6527.66	54.42	10.00	11.15	119.96
				4100K	631.02	6788.77	56.59	10.00	11.15	119.96
				5300K	656.26	7060.32	58.86	10.00	11.15	119.96
				6500K	675.95	7272.13	60.62	10.00	11.15	119.96

***Default Power will be Medium Power unless specified*

***Varying lattice may be used to cover the full area of the LUXCANVAS™ Slender. Check with your project manager for details specific to your project.*

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PHOTOMETRIC DATA TABLE - LUXFLEX LIGHT ENGINE

LUMINAIRE	TYPE	COLOR TEMPERATURE (CCT)	LUMINOUS FLUX		EFFICACY LM/W	POWER	
			LM/SQ FT	LM/SQ M		W/SQ FT	W/SQ M
LUXFLEX Standard	Low	3000K	155.88	1709.29	70.61	2.25	24.21
		4100K	165.24	1777.72	73.44	2.25	24.21
		5300K	171.61	1864.25	76.27	2.25	24.21
		6500K	177.95	1914.46	79.09	2.25	24.21
	Medium	3000K	318.53	3426.87	70.78	4.50	48.41
		4100K	331.27	3563.94	73.62	4.50	48.41
		5300K	344.01	3701.00	76.45	4.50	48.41
		6500K	356.75	3838.06	79.28	4.50	48.41
	High	3000K	504.41	5426.66	70.74	7.13	76.71
		4100K	524.58	5643.64	73.57	7.13	76.71
		5300K	544.75	5860.64	76.40	7.13	76.71
		6500K	564.93	6077.74	79.23	7.13	76.71
LUXFLEX Premium	High	2700K	637.15	6845.15	65.35	9.75	104.89
		3000K	663.69	7140.24	68.07	9.75	104.89
		3500K	676.97	7283.11	69.43	9.75	104.89
		4100K	690.25	7425.99	70.79	9.75	104.89
		5300K	716.80	7711.62	73.52	9.75	104.89
		6500K	743.33	7997.04	76.24	9.75	104.89
LUXFLEX RGBW		Red	45.79	492.63	16.35	2.80	30.12
		Green	144.25	1551.90	51.52	2.80	30.12
		Blue	30.53	328.45	10.90	2.80	30.12
		2700k	155.70	1675.08	55.61	2.80	30.12
		3000K	162.20	1745.01	57.93	2.80	30.12
		4100K	168.15	1809.02	60.05	2.80	30.12
		5300K	174.88	1881.43	62.46	2.80	30.12
		6500K	181.86	1956.52	64.95	2.80	30.12
		RGB - 10000K	220.57	2372.98	26.26	8.40	90.37
LUXFLEX Tunable White	Low	RGBW	402.43	4329.50	35.93	11.20	120.49
		6500K	105.47	1134.69	48.16	2.19	23.56
		2400K	97.52	1049.16	44.53	2.19	23.56
	Medium	4100K	195.15	2099.50	44.55	4.38	47.12
		6500K	158.20	1701.98	48.09	3.29	35.40
		2400K	146.28	1573.74	44.46	3.29	35.40
		4100K	292.72	3149.20	44.55	6.57	70.68
	High	6500K	263.67	2836.67	46.83	5.63	60.57
		2400K	243.80	2622.90	43.30	5.63	60.57
		4100K	487.86	5248.59	43.17	11.30	121.50

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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 Options White (LUXMESH & LUXFLEX) • RGB / RGBW / Tunable (LUXFLEX)

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.

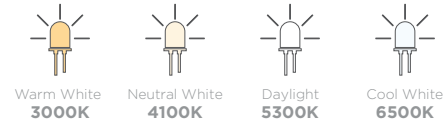
DIMMING OPTIONS (STATIC WHITE CCTS)

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

COMPATIBLE CONTROL (RGB/RGBW/TUNABLE WHITE ONLY)

- DMX control
- Pulse-width modulation (PWM)
- RGB/ RGBW/ Tunable Controller (please check feasibility)

COLOR TEMPERATURES (CCT)



Current  Compatible



- 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™ may need to be shipped knocked-down in a multi-paneled format due to shipping limitations, and assembly on site may be needed.

*See installation guide for full details and recommendations

MOUNTING

APPLICATION



SURFACE MOUNT



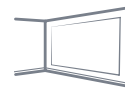
RECESSED



SUSPENDED



CEILING



WALL

	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

F803072ZLS-H	LUXCANVAS™	PROFILE 80	30" X 72"	3000K	LUXMESH	SILVER	HANGING
	F	80	3072	Z	L	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

- 80** PROFILE 80

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™
M LUXMESH LATTICE

FRAME COLOR

- S** SILVER
K BLACK
C CUSTOM COLOR

ADDITIONAL ADD-ON

- H** HANGING

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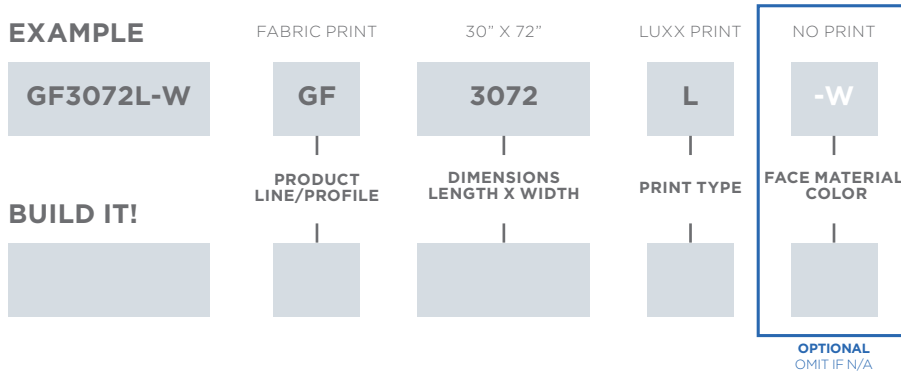
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LUXCANVAS™ FABRIC TEXTILE PART NUMBER

EXAMPLE



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