

LUXMESH™

SLEEK

LED Backlighting

BIG LIGHT. LESS DEPTH

Designed for slimmer light boxes without compromising illumination, **LUXMESH™ Sleek** brings the proven versatility of LUXMESH™ into a lower-profile format. Its closely spaced LED lattice and 170° wide-beam optical lens deliver smooth, uniform backlighting with a recommended minimum air gap of just 60mm (2.36"), making it ideal for applications where installation depth is limited. With high luminous efficacy, flexible roll lengths, and multiple color temperature options, LUXMESH™ Sleek provides an efficient, streamlined solution for fabric light boxes, signage, retail displays, and large-format illuminated graphics.



Powerful grand format backlighting made easy



**STRONG COLOR
RENDERING**



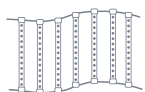
**OUTSTANDING
BRIGHTNESS**



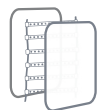
**EVEN LIGHTING
NO DARK SPOTS**



**LONG LED
LIFESPAN**



**CONTOURS FOR
SIMPLE CURVES**



**EFFECTIVE
BACKLIGHTING
SOLUTION**



**WIDE BEAM
ANGLE**



**80% ENERGY
EFFICIENT**



**CUSTOM
ROLL
LENGTHS**



**CONSTANT
POWER - 24V**



**SLIM
APPLICATION**



CUTTABLE

ASSURED QUALITY



E477011



100% QC

MANUFACTURER'S
WARRANTY

LEDCONN

— Be the FOCUS —



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RETAIL FABRIC LIGHT BOX

APPLICATIONS

- Sign Cabinet Backlighting
- Fabric Light Box Backlighting
- Ceiling & Wall Backlighting
- Large Format Illumination
- Simple Curved Applications
- ...And Many More!

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER

PART NUMBER

MECHANICAL

LED MODULE

LED Count 7 sections/stick, 2 leds/cutting section

PCB 34.25"(w) x 0.63" (h) [870mm (w) x 16mm (h)]

LED Pitch 2.44" (62mm)

Stick-to-Stick Pitch 2.44" (62mm)

No. of Sticks per Roll 18 sticks

Ambient Temperature -4°F~+176°F (-20~+80°C)

IP Rating IP22

Environment Indoor applications

*EXTERIOR applications (IP 65) available upon request

MOUNTING

Method

- Screws or
- Double-sided tape

Optimal Cabinet Depth** min 2.36"(60mm)

**Optimal depth to prevent hot spots

ELECTRICAL

LIGHT SOURCE

Wide Beam Angle 170° with Optical Lens

Life Expectancy 50,000+ hours

Color Rendering CRI 80+, CRI 90+ available upon request

Standard Color 3000K, 4100K, 5300K, 6500K

Dimmable Compatible with pulse-width modulation dimming (PWM) & 0-10V dimming

UL Listed E477011

POWER SUPPLY

Input Voltage 24Vdc constant voltage

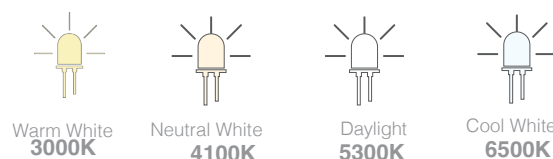
Wire Size 20 AWG 2 Wire

Please use only with Class 2 power supply

Connector Type

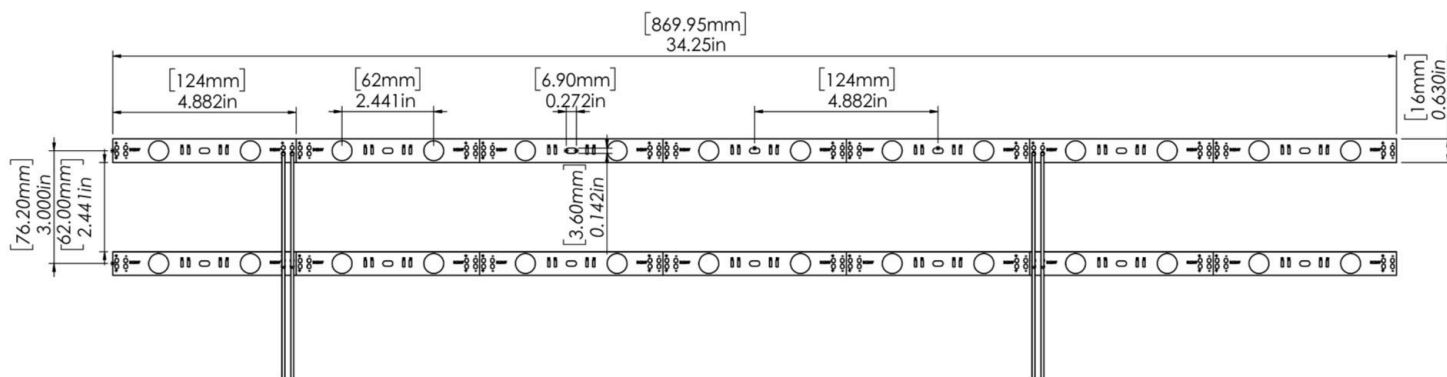
- DC Barrel Jack
- Hardwire
- Molex

AVAILABLE COLOR TEMP (CCT)



PHOTOMETRIC DATA TABLE

LUMINAIRE	LENGTH	PITCH	COLOR	LUMINOUS FLUX		EFFICACY		POWER	
			TEMPERATURE(CCT)	LM/SQ FT	LM/SQ M	LM/W	W/STICK	W/SQ FT	W/SQ M
LUXMESH SLEEK	34.25" 870mm	2.44"	3000K	371.61	4000	100	2.22	3.72	40
			4100K	371.61	4000	100	2.22	3.72	40
			5300K	408.77	4400	110	2.22	3.72	40
			6500K	408.77	4400	110	2.22	3.72	40



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PART NUMBER

LUXMESH™ SLEEK PART NUMBER ORDER SHEET

EXAMPLE

M1219VB	LUXMESH	34.25"STICK	19" ROLL	5300K	DC BARREL JACK	SLEEK SERIES
M	34	19	V	B	-	CS
PRODUCT LINE/PROFILE	DIMENSIONS OF STICK	DIMENSIONS OF ROLL	COLOR	CONNECTOR	-TYPE	
BUILD IT!						

PRODUCT LINE

M LUXMESH™ SERIES

DIMENSIONS (IN INCHES)

LL LENGTH OF STICK(VARIES)

RR LENGTH OF ROLL (VARIES)

COLOR TEMPERATURE (CCT)

W 6500K

V 5300K

Y 4100K

Z 3000K

C CUSTOM CCT

CONNECTOR

M MOLEX

H HARDWIRE

B DC BARREL JACK

C CUSTOM

-TYPE

CS SLEEK SERIES

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER

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