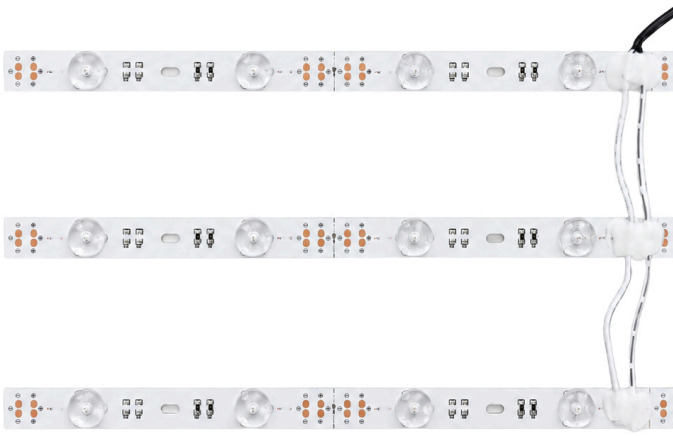
LUXMESH™

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 (170°)
- 80% ENERGY EFFICIENT
- CUSTOM ROLL LENGTHS
- CONSTANT POWER - 24V (DC)
- SLIM APPLICATION
- CUTTABLE

ASSURED QUALITY

- c UL us LISTED — E477011
- Quality approved — 100% QC
- 5 YEAR — MANUFACTURER’S WARRANTY
- CE
- RoHS

LEDCONN
— Be the FOCUS —

(714) 256-2111
sales@ledconn.com
(714) 256-2118
301 Thor Place
Brea, CA, 92821
www.ledconn.com





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

301 Thor Place, Brea, CA 92821 | **tel** (714) 256-2111 | **fax** (714) 256-2118 | sales@ledconn.com | **www.ledconn.com**
Specifications are subject to change without notice. © 2017 LEDCONN CORP. All Rights Reserved.

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

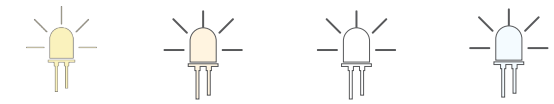
Wide Beam Angle 170° with Optical Lens
Life Expectancy 50,000+ hours
Color Rendering CRI 80+, CRI 90+ available upon request
Standard Color 3000K, 4100K, 5300K, 6500K
Dimmable Compatible with pulse-width modulation dimming (PWM) & 0-10V dimming
UL Listed E477011

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

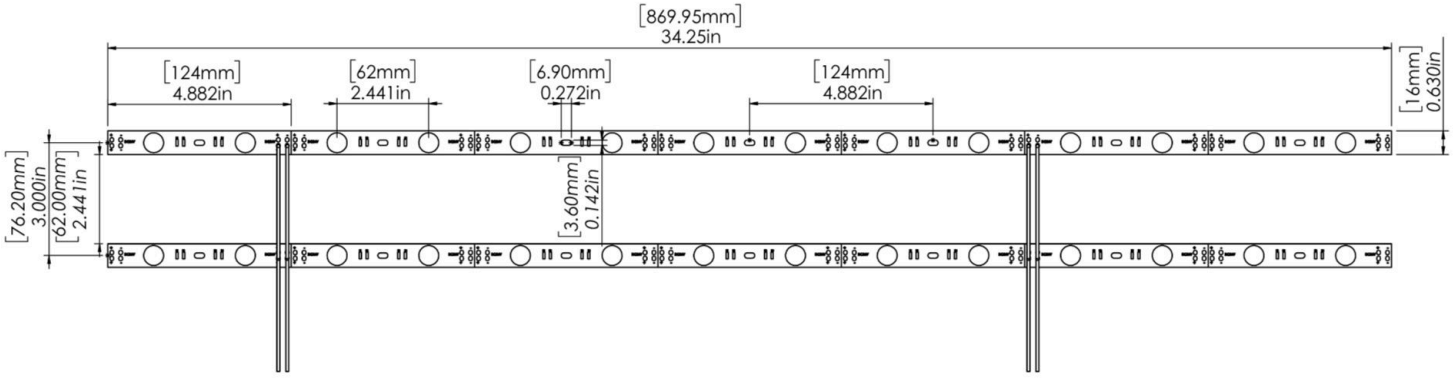
AVAILABLE COLOR TEMP (CCT)



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

PHOTOMETRIC DATA TABLE

LUMINAIRE	LENGTH	PITCH	COLOR TEMPERATURE(CCT)	LUMINOUS FLUX LM/SQ FT	LUMINOUS FLUX LM/SQ M	EFFICACY LM/W	POWER W/STICK	POWER W/SQ FT	POWER 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



SPECIFICATION SUBMITTAL

JOB NAME / NUMBER	PART NUMBER

Specifications are subject to change without notice. ©2017 LEDCONN CORP. All Rights Reserved.

LUXMESH™ SLEEK PART NUMBER ORDER SHEET

	LUXMESH	34.25"STICK	41.497" ROLL	5300K	DC BARREL JACK		CRI90		SLEEK SERIES
EXAMPLE	M	34	41	V	B	-	R	-	CS
BUILD IT!									
	PRODUCT LINE/PROFILE	DIMENSIONS OF STICK	DIMENSIONS OF ROLL	COLOR	CONNECTOR		CRI90		-TYPE

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

CRI 90

R	

-TYPE

CS	SLEEK SERIES

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER	PART NUMBER

301 Thor Place, Brea, CA 92821 | **tel** (714) 256-2111 | **fax** (714) 256-2118 | sales@ledconn.com | **www.ledconn.com**
Specifications are subject to change without notice. © 2017 LEDCONN CORP. All Rights Reserved.