

LUXLINE™

2016/182/5

Flexible LED Strip Lighting

FLEXIBILITY FOR COMPACT SPACES

To brilliantly illuminate tight, compact spaces, we offer our slim 5mm **LUXLINE™ 2016 LED Light Strip**. This light strip solution features 182 LEDs with high brightness, an outstanding color rendering index of 90+ for uncompromised color quality, and impeccable evenness. Featuring a slim width and compact profile, this LED strip may be cut and curved to snugly fit highly customized and narrow applications without sacrificing performance. Great for applications requiring minimal spacing between the LED and diffuser material.



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|--|---|---|--|
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OPTIMAL COLOR RENDERING | 
OUTSTANDING BRIGHTNESS | 
LONG LED LIFESPAN | 
WIDE BEAM ANGLE |
| 
FLEX & CURVE | 
SLIM WIDTH | 
CUTTABLE | 
80% ENERGY EFFICIENT |
| 
CUSTOM LENGTHS | 
CUSTOM COLOR TEMPS | 
CONSTANT VOLTAGE | 
CONSISTENT LIGHT COLOR |

Slim. Bright. Flexible.

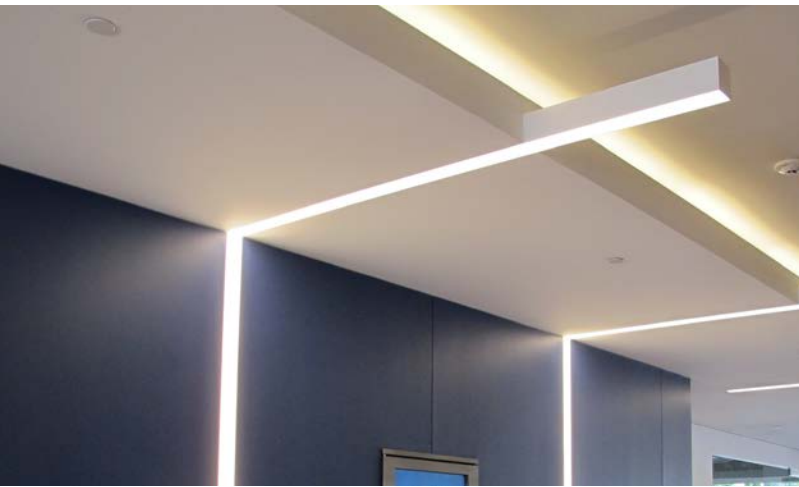
ASSURED QUALITY



LEDCONN

— Be the FOCUS —

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



INTERIOR COVE LIGHTING



INDOOR ACCENT LIGHTING

APPLICATIONS

- Promotional Graphics
- Retail Merchandising & Illuminated POP Displays
- Trade Shows & Exhibits
- Signage
- Under Cabinet Lighting
- Ambient Lighting
- Architectural Lighting
- Showcases & Bookshelves
- Path & Contour Marking
- Indoor Accent Lighting
- Cove Lighting
- Ultra LED-slim light boxes & light panels
- ...And Many More!

SPECIFICATION SUBMITTAL

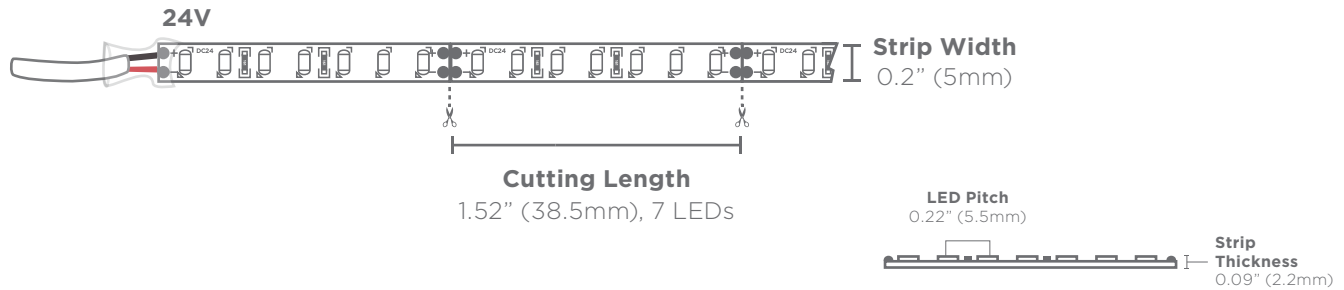
JOB NAME / NUMBER

PART NUMBER

MECHANICAL

LED STRIP CUTTING DIAGRAM

Not drawn to scale.



PARAMETERS

S	V	P	C ₁	C ₂	W	#
2016	24V	0.22" (5.5mm)	1.52" (38.5mm)	1.52" (38.5mm)	0.20" (5mm)	7

KEY

- S** Strip Type
- V** Operating Voltage
- P** Center-to-Center Pitch
- C₁** Cutting Length - From Edge
- C₂** Standard Cutting Length
- W** Strip Width
- #** # LEDs per Cut Strip

PARAMETERS

- LED Type** EPISTAR 2016 SMD LED
- LED Count** 49 pc/ft (182 pc/m)
- Dimensions** 0.20" (w) x 0.09" (h) [5mm (w) x 2.2mm (h)]
- LED Pitch** 0.21" (5.33mm)
- LED Strip Width** 0.20" (5mm)
- LED Node Size** 2016
- Roll Length** 16 ft 3/8 in (5m)

INSTALLATION

Field Cuttable 1.52" (38.5mm), every 7 LEDs

Mounting Options

- 3M™ Adhesive
- Magnets

Heat Sink Not required

Environment Indoor/dry location

IP Rating¹ IP22

Ambient Temperature -13°F-158°F (-25-70°C)

Operating Temperature -13°F-140°F (-25-60°C)

¹ Custom IP Ratings—including EXTERIOR applications (IP 67)—available upon request.

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER	PART NUMBER
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ELECTRICAL

LIGHTING

Wide Beam Angle 120°

Lamp Life 54,000+ hours

Color Rendering Index (CRI/Ra) 90+

Standard Colors

- 3000K
- 3520K
- 4100K

Custom Color Temperatures Available

DIMMING

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

UL Listed E477011

POWER SUPPLY

Input Voltage 24VDC constant voltage

Input Current² 0.12 A/ft (0.39 A/m)

Power Consumption 2.85 W/ft (9.36 W/m)




Wire Size 20 AWG 2 Wire

Please Use Only with Class 2 Power Supply

Connector Type

- Molex®
- DC Barrel Jack
- Hardwire

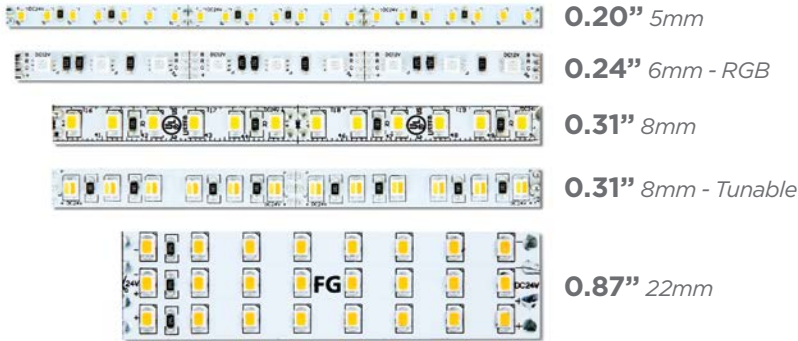
² Input current for a single LED: 20mA

CCT	CRI	EFFICACY	BEAM ANGLE	LUMINOUS FLUX	POWER
 3000K Warm White		84.5 lm/W		241 lm/ft (790 lm/m)	
 3250K Warm White	≥ 90	86.7 lm/W	120°	247 lm/ft (810 lm/m)	2.85 W/ft (9.36 W/m)
 4100K Neutral White		90 lm/W		256 lm/ft (840 lm/m)	

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER	PART NUMBER
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ADDITIONAL STRIP WIDTHS



AVAILABLE IN

MULTIPLE STRIP WIDTHS & COLOR TEMPERATURES

Contact a Sales Rep for More Information



LUXLINE™ LIGHT STRIP PART NUMBER

EXAMPLE

U84WNB-2016

LUXLINE™

U

PRODUCT
LINE/PROFILE

84"

84

LENGTH

6500K

W

COLOR
TEMPERATURE
(CCT)

NO LENS

N

LENS

OPTIONAL

SET

-x2set

SET

2016

-2016

STRIP TYPE

BUILD IT!

PRODUCT LINE

U LUXLINE™

DIMENSIONS (IN INCHES)

LL VARIES

COLOR TEMPERATURE (CCT)

W 6500K
V 5300K
Y 4100K
Z 3000K
T TRICOLOR (RGB)
A ADJUSTABLE (TUNABLE WHITE)
R RED
G GREEN
B BLUE
C CUSTOM CCT

LENS

N NO LENS

SET (OPTIONAL)

-x2set SET (OMIT IF N/A)
-LED
-2016 2016/182/5 (5mm)
-2835R 2835R/120/8 (8mm)
-2835RO 2835RO/84/8 (8mm)
-2835H3 2835H3/288/22 (22mm)
-3528H 3528H/90/5 (5mm)
-3528 3528/120/8 - TUNABLE WHITE (6mm)
& 3528RGB/84/6 - RGB (6mm)

FOR REQUESTING MULTIPLE
SETS IN A SERIES ONLY
OMIT IF N/A

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PART NUMBER