

LUXLINE™

2835R/120/8

Flexible LED Strip Lighting

CUT, FLEX & CURVE

For the brightest type of illumination and strongest lumen output, we offer our bright, slim **LUXLINE™ LED Light Strip 2835R: 120 LEDs** which features an industry leading color rendering index of 90+ with outstanding brightness, uncompromised color quality, and impeccable evenness. Featuring a slim width of only 8mm, simply cut, flex, and curve this LED strip and watch how snugly it fits highly customized and narrow applications with brilliant illumination. Available in a variety of color temperatures.



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



ONE
BIN
ONLY
CONSISTENT
COLOR



Slim. Bright. Flexible.

ASSURED QUALITY



E477011



100% QC



LIMITED
WARRANTY



LEDCONN

— Be the FOCUS —



(714) 256-2111



sales@ledconn.com



(714) 256-2118



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Brea, CA, 92821

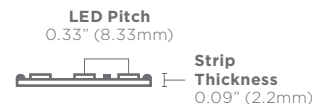
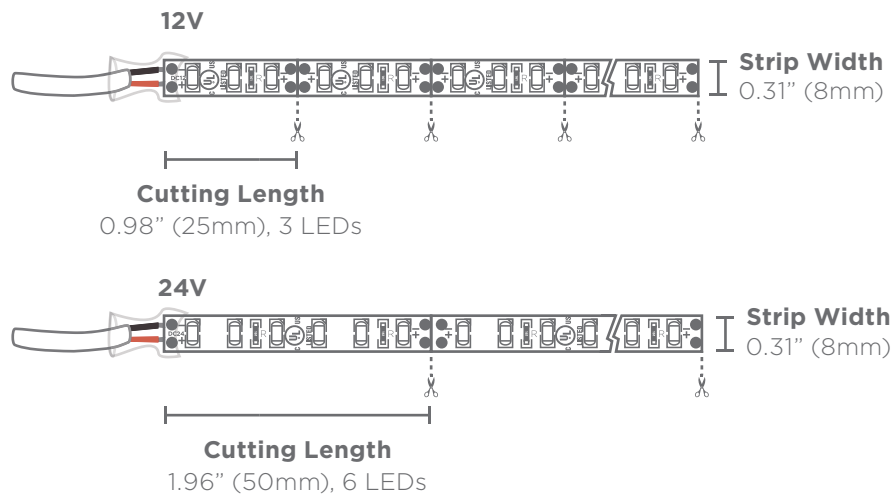


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MECHANICAL

LED STRIP CUTTING DIAGRAM

Unless otherwise noted, dimension tolerance is $\pm 1\text{mm}$.



PARAMETERS

S	V	P	C	W	#
2835R	12V	0.33" (8.33mm)	0.99" (25mm)	0.31" (8mm)	3
	24V		1.97" (50mm)		6

KEY

- S** Strip Type
- V** Operating Voltage
- P** Center-to-Center Pitch
- C** Cutting Length
- W** Strip Width
- #** # LEDs per Cut Strip

PARAMETERS

LED Type EPISTAR 2835 LED

LED Count 36 pc/ft (120 pc/m)

Dimensions 0.31" (w) x 0.09" (h) [8mm (w) x 2.2mm (h)]

LED Pitch 0.33" (8.33 mm)

LED Strip Width (12V & 24V) 0.31" (8mm)

LED Node Size 2835

Roll Length 16 ft $\frac{3}{8}$ in (5m)

INSTALLATION

Field Cuttable

- 12V: 0.99" (25mm), every 3 LEDs
- 24V: 1.97" (50mm), every 6 LEDs

Mounting Options

- 3M™ Adhesive

Heat Sink Not required

Environment Indoor/dry location

IP Rating¹ IP22

Ambient Temperature -4°F-176°F (-20-80°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

ELECTRICAL

LIGHTING

Wide Beam Angle 120°

Lamp Life 54,000+ hours

Color Rendering Index (CRI/Ra) 90+, 80+

Color Rendering Value (R9) 50+

Standard Colors

- ☐ 3000K
- ☐ 4100K
- ☐ 5300K
- ☐ 6500K

Custom Color Temperatures Available

DIMMING

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

UL Listed E477011

POWER SUPPLY

Input Voltage

- ☐ 12VDC constant voltage
- ☐ 24VDC constant voltage

Input Current²

- ☐ 12V: 0.24 A/ft (0.8 A/m)
- ☐ 24V: 0.12 A/ft (0.4 A/m)

Power Consumption 2.9 W/ft (9.6 W/m)



Wire Size 20 AWG 2 Wire

Please use only with Class 2 power supply

Connector Type

- ☐ Molex®
- ☐ DC Barrel Jack
- ☐ Hardwire

²Input Current for a single LED: 20mA.

CCT	CRI	R9	EFFICACY	BEAM ANGLE	LUMINOUS FLUX	POWER
 3000K Warm White	≥90	≥50	86 lm/W	120°	250 lm/ft (821 lm/m)	2.9 W/ft (9.6 W/m)
 4100K Neutral White			94 lm/W		275 lm/ft (903 lm/m)	
 5300K Daylight			103 lm/W		300 lm/ft (985 lm/m)	
 6500K Cool White						

Current  Compatible



- Energy Savings
- Versatile
- Scalable
- Outdoor Rated
- Wired, Wireless or Hybrid

Contact us to inquire about other compatible controls

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER	PART NUMBER
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INTERIOR COVE LIGHTING



INDOOR ACCENT LIGHTING

APPLICATIONS

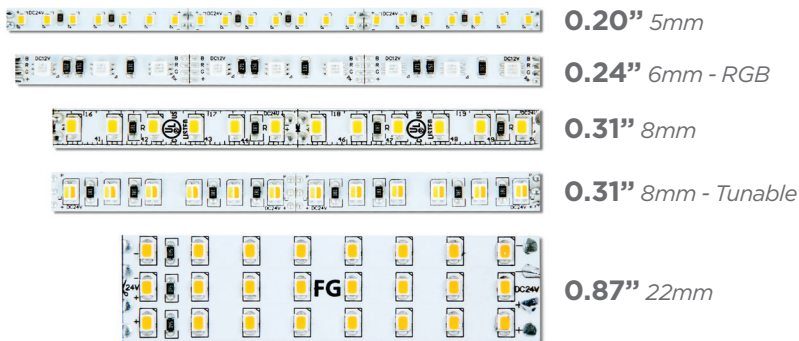
- Promotional Graphics
- Retail Merchandising & Illuminated POP Displays
- Trade Shows & Exhibits
- Signage
- Under Cabinet Lighting
- Ambient Lighting
- Architectural Lighting
- Showcases & Bookshelves
- Path & Contour Marking
- Indoor Accent Lighting
- Cove Lighting
- Ultra LED-slim light boxes & light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

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER

PART NUMBER

ADDITIONAL STRIP WIDTHS



AVAILABLE IN

MULTIPLE STRIP WIDTHS & COLOR TEMPERATURES

Contact a Sales Rep for More Information



SINGLE COLOR
3000K-6500K

LUXLINE™ LIGHT STRIP PART NUMBER

EXAMPLE

U328VNB-2835R-x2set

LUXLINE™

U

PRODUCT
LINE/PROFILE

328"

328

LENGTH

5300K

V

COLOR
TEMPERATURE
(CCT)

NO LENS

N

LENS

DC BARREL

B

CONNECTOR

2835R

-2835R

LED STRIP TYPE

OPTIONAL

SET

-x2set

SET

BUILD IT!

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

PRODUCT LINE

U LUXLINE™ LED LIGHT STRIP

LENGTH (IN INCHES)

LL LENGTH

COLOR TEMPERATURE (CCT)

W 6500K

V 5300K

Y 4100K

Z 3000K

C CUSTOM CCT

LENS

N NO LENS

CONNECTOR

B DC BARREL

H HARDWIRE

M MOLEX CONNECTOR

N NO CONNECTOR

C SPECIAL

LED STRIP TYPE

-2835R 2835R/120/8 (8mm)

SET (OPTIONAL)

-x2set SET (OMIT IF N/A)

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER

PART NUMBER