

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 —



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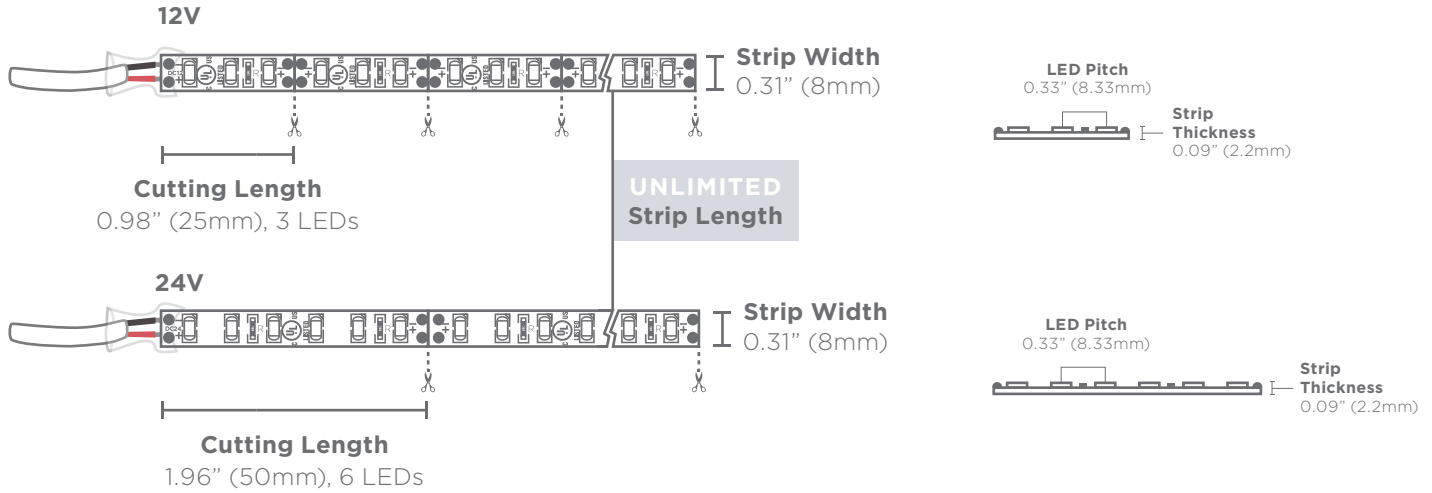


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MECHANICAL

LED STRIP CUTTING DIAGRAM

Unless otherwise noted, dimension tolerance is ±1mm.



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 3/8in (5m)

INSTALLATION

Field Cuttable

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

Mounting Options

- 3M™ Adhesive
- Magnets

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
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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			86 lm/W		250 lm/ft (821 lm/m)	
 4100K Neutral White	≥90	≥50	94 lm/W	120°	275 lm/ft (903 lm/m)	2.9 W/ft (9.6 W/m)
 5300K Daylight						
 6500K Cool White			103 lm/W		300 lm/ft (985 lm/m)	

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER	PART NUMBER
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INTERIOR COVE LIGHTING



INDOOR ACCENT LIGHTING

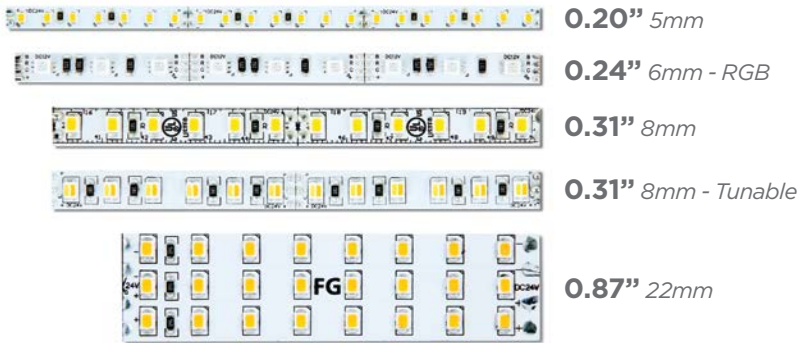
APPLICATIONS

- 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

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ADDITIONAL STRIP WIDTHS



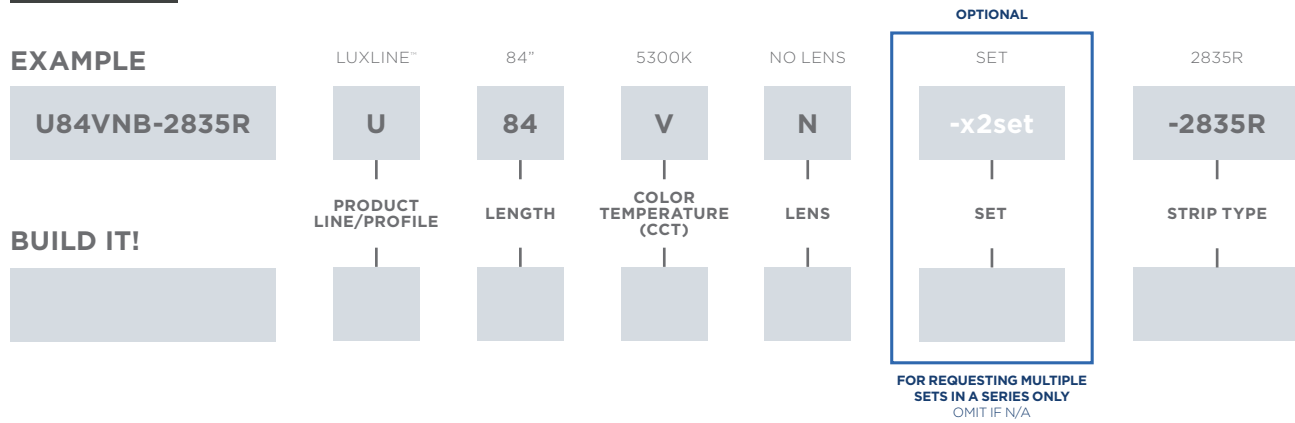
AVAILABLE IN

MULTIPLE STRIP WIDTHS & COLOR TEMPERATURES

Contact a Sales Rep for More Information



LUXLINE™ LIGHT STRIP PART NUMBER



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)
- 2835R0** 2835R0/84/8 (8mm)
- 2835H3** 2835H3/288/22 (22mm)
- 3528H** 3528H/90/5 (5mm)
- 3528** 3528/120/8 - TUNABLE WHITE (6mm) & 3528RGB/84/6 - RGB (6mm)

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