

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	 CONSISTENT COLOR

Slim. Bright. Flexible.

ASSURED QUALITY



LEDCONN

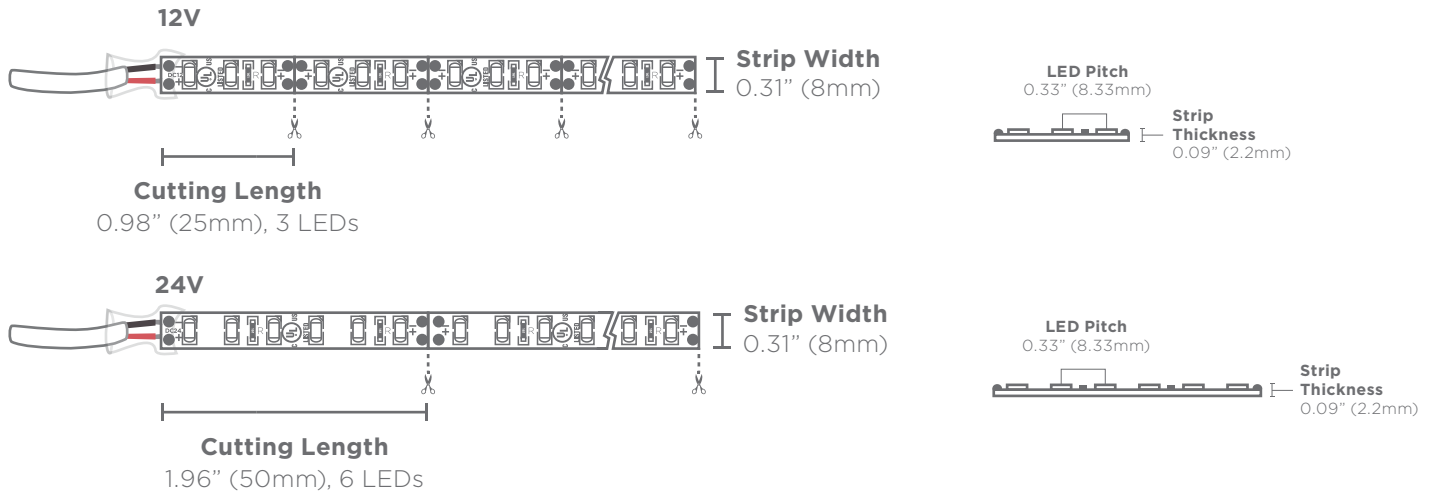
— Be the FOCUS —

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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

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

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

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

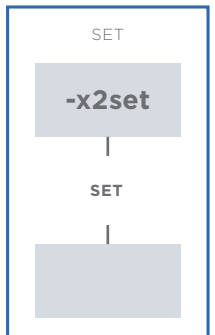
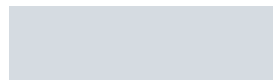
OPTIONAL

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