

LUXLINE™

3528/84/6 - RGB

Flexible LED Strip Lighting

VIVID COLOR

For applications requiring dazzling creativity and an electrifying burst of color, we offer our slim 6mm **LUXLINE™ RGB Light Strip 3528**. Like all of our LUXLINE products, cut, flex, and curve this LED strip to fit your specific custom applications with brilliant, colorful illumination. This RGB strip is Wi-Fi compatible and works with multiple controls that can be used to control each strip individually for complex installations.



COMPATIBLE
WITH RGB
CONTROLLER



OUTSTANDING
BRIGHTNESS



LONG LED
LIFESPAN



WIDE BEAM
ANGLE



FLEX & CURVE



SLIM WIDTH



CUTTABLE



80% ENERGY
EFFICIENT



CUSTOM
LENGTHS



CUSTOM
COLOR TEMPS



CONSTANT
VOLTAGE



Place no limits on your creativity with this easy-to-control lighting solution.

ASSURED QUALITY



E477011



100% QC



LIMITED
WARRANTY



LEDCONN

— Be the FOCUS —



(714) 256-2111



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(714) 256-2118



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Brea, CA, 92821

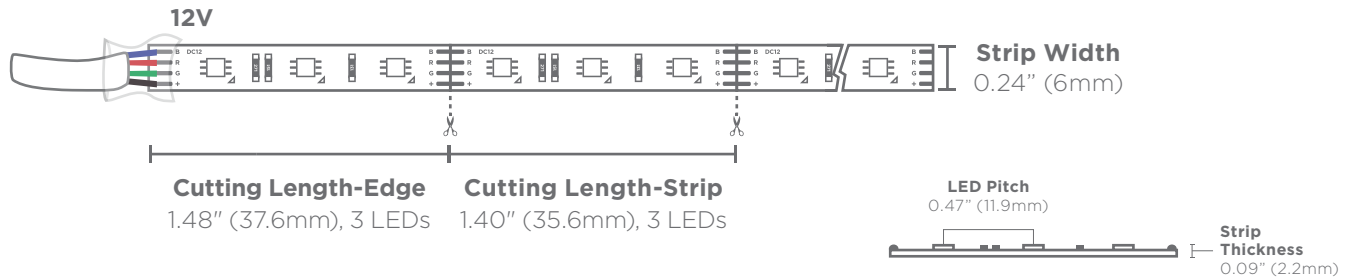


www.ledconn.com

MECHANICAL

LED STRIP CUTTING DIAGRAM

Not drawn to scale.



PARAMETERS

S	V	P	C ₁	C ₂	W	#	KEY
3528RGB	12V	0.47" (11.9mm)	1.48" (37.6mm)	1.40" (35.6mm)	0.24" (6mm)	3	<p>S Strip Type</p> <p>V Operating Voltage</p> <p>P Center-to-Center Pitch</p> <p>C₁ Cutting Length - From Edge</p> <p>C₂ Standard Cutting Length</p> <p>W Strip Width</p> <p># # LEDs per Cut Strip</p>

PARAMETERS

LED Type EPISTAR 3528 RGB LED
LED Count 25 pc/ft (84 pc/m)
Dimensions 0.24" (w) x 0.09" (h) [6mm (w) x 2.2mm (h)]
LED Pitch 0.47" (11.9mm)
LED Strip Width 0.24" (6mm)
LED Node Size 3528
Roll Length 16 ft 3/8 in (5m)

INSTALLATION

Field Cuttable 1.40" (35.65mm), every 3 LEDs

Mounting Options

- 3M™ Adhesive
- Magnets

Heat Sink Not required

Environment Indoor/dry location

IP Rating¹ IP22

Ambient Temperature -40°F-212°F (-40-100°C)

Operating Temperature -40°F-185°F (-40-85°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

PHOTOMETRICS

Wide Beam Angle 120°

Lamp Life 60,000+ hours

Standard Colors RGB

- Red - 625nm
- Green - 525nm
- Blue - 465nm

Custom Color Temperatures Available

UL Listed E477011

POWER SUPPLY

Input Voltage 12VDC constant voltage

Input Current (R/G/B) 0.17 A/ft (0.56 A/m)

Power Consumption 6.15 W/ft (20.16 W/m)

Lumen Efficacy 75 lm/W

Luminous Flux 152 lm/ft (502 lm/m)

Wire Size 20 AWG 2 Wire

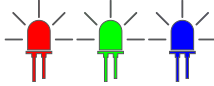



Please use only with Class 2 power supply

Connector Type

- Molex®
- Hardwire

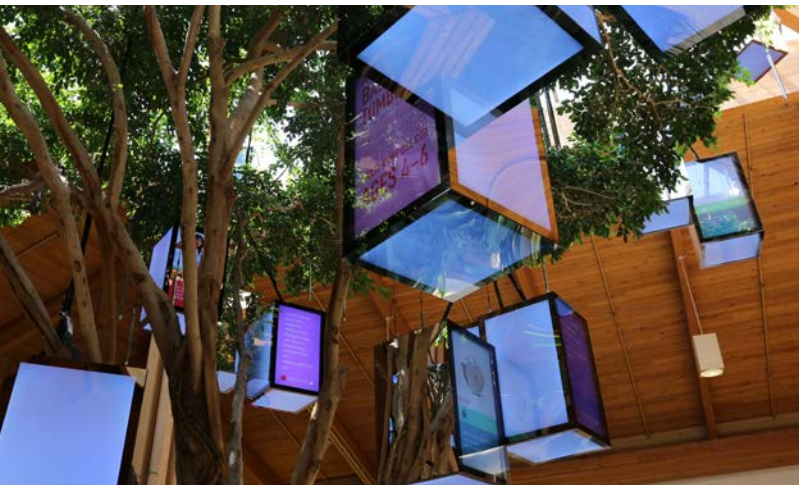
COMPATIBLE CONTROL

- DMX Control
- Wi-Fi Control for smart devices
- Radio Frequency (RF) remote control
- 0-10V

CCT	EFFICACY	BEAM ANGLE	LUMINOUS FLUX	POWER
 RGB Combined	75 lm/W	120°	152 lm/ft (502 lm/m)	6.15 W/ft (20.16 W/m)
 Red 625nm	22 lm/W		44 lm/ft (145 lm/m)	
 Green 525nm	43 lm/W		88 lm/ft (290 lm/m)	2.05 lm/ft (6.72 lm/m)
 Blue 465nm	10 lm/W		20 lm/ft (67 lm/m)	

SPECIFICATION SUBMITTAL

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EXPERIENTIAL ILLUMINATION

ENTERTAINMENT LIGHTING (MOVIE THEATER CONCESSION STAND)

APPLICATIONS

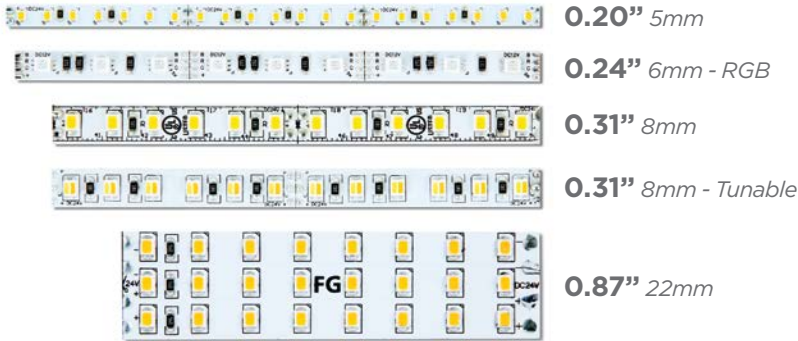
- Stage & Entertainment Accent Lighting
- High-End Residential
- Nightclubs, Restaurants & Theaters
- Theme Park Rides & Attractions
- Indoor Accent Lighting
- Under Cabinet LED Lighting
- Showcase & Bookshelf Lighting
- Retail Merchandising Displays
- Illuminated POP Displays
- Path and Contour Marking
- Signage
- ...And Many More!

SPECIFICATION SUBMITTAL

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PART NUMBER

ADDITIONAL STRIP WIDTHS



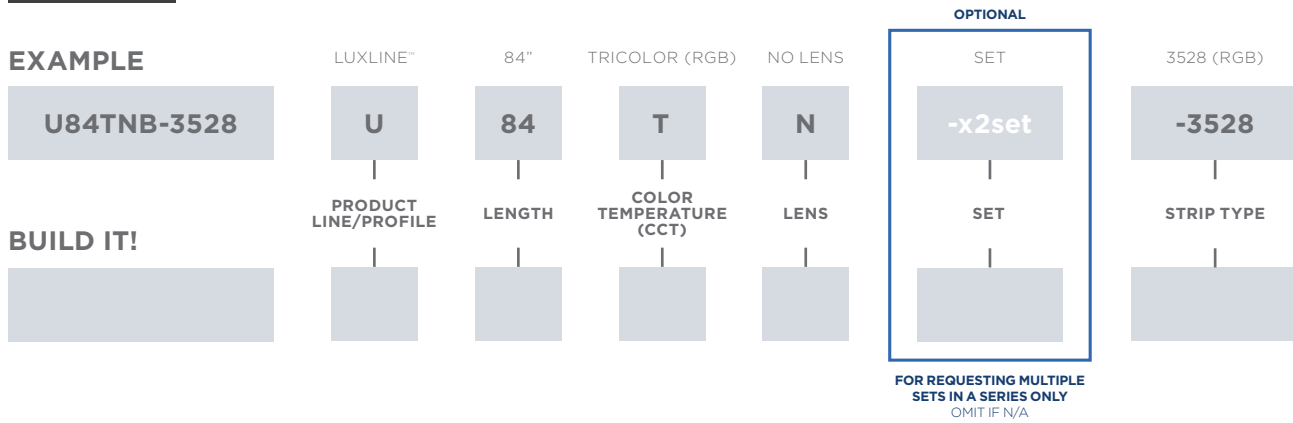
AVAILABLE IN

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)
- 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)

SPECIFICATION SUBMITTAL

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