

# 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**
- 
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## LEDCONN

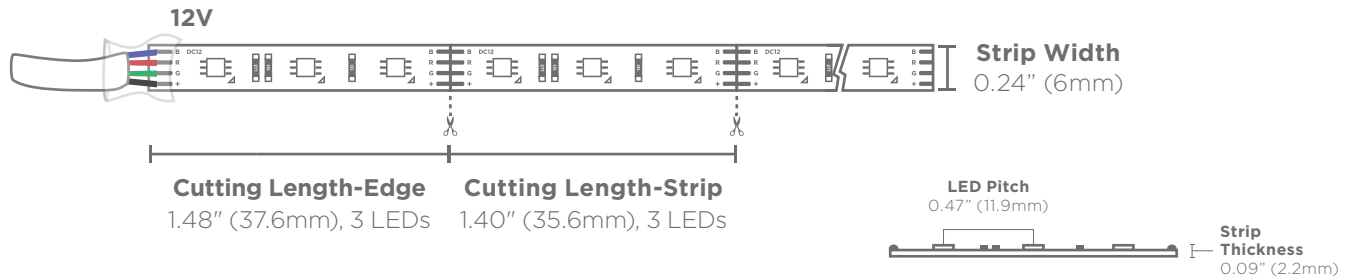
— Be the FOCUS —

-  (714) 256-2111
-  sales@ledconn.com
-  (714) 256-2118
-  301 Thor Place  
Brea, CA, 92821
-  [www.ledconn.com](http://www.ledconn.com)

# MECHANICAL

## LED STRIP CUTTING DIAGRAM

Not drawn to scale.



## PARAMETERS

S	V	P	C <sub>1</sub>	C <sub>2</sub>	W	#	KEY
3528RGB	12V	0.47" (11.9mm)	1.48" (37.6mm)	1.40" (35.6mm)	0.24" (6mm)	3	<p><b>S</b> Strip Type</p> <p><b>V</b> Operating Voltage</p> <p><b>P</b> Center-to-Center Pitch</p> <p><b>C<sub>1</sub></b> Cutting Length - From Edge</p> <p><b>C<sub>2</sub></b> Standard Cutting Length</p> <p><b>W</b> Strip Width</p> <p><b>#</b> # 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 Rating**<sup>1</sup> IP22

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

**Operating Temperature** -40°F-185°F (-40-85°C)

<sup>1</sup> 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

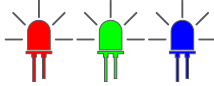



**Please use only with Class 2 power supply**

**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)

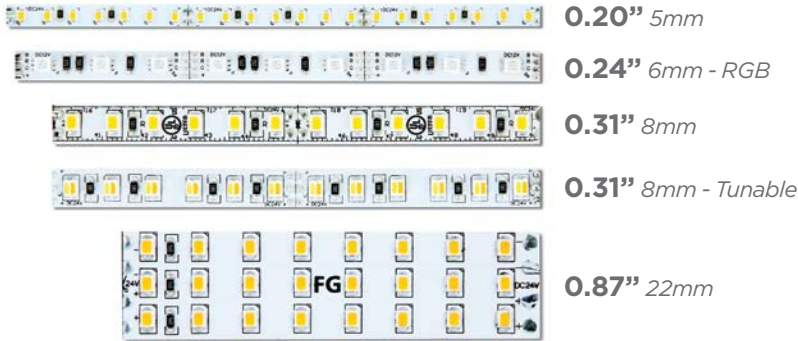
## APPLICATIONS

- 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

JOB NAME / NUMBER	PART NUMBER
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# ADDITIONAL STRIP WIDTHS



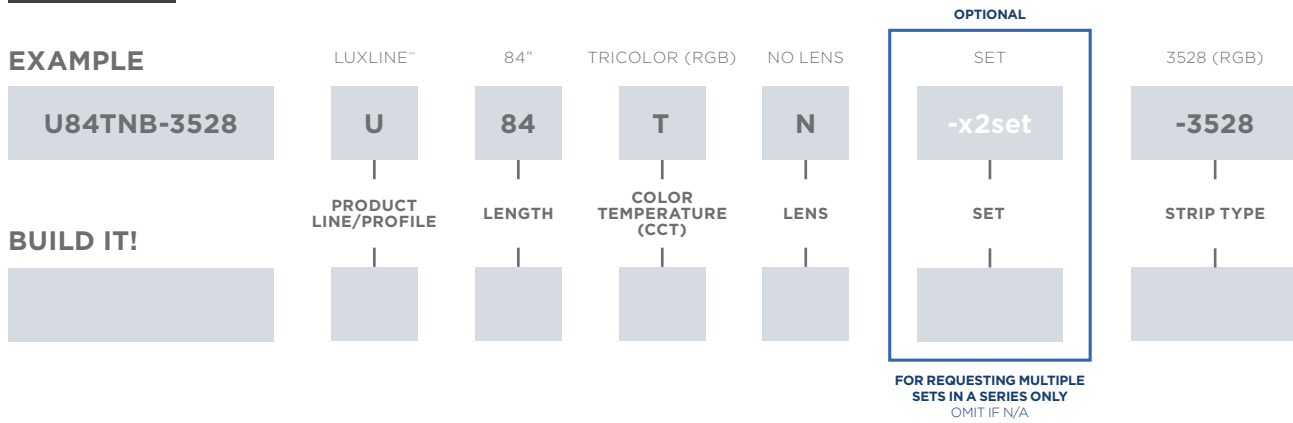
## AVAILABLE IN

MULTIPLE STRIP WIDTHS & COLOR TEMPERATURES

Contact a Sales Rep for More Information



# LUXLINE™ LIGHT STRIP PART NUMBER



### 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

JOB NAME / NUMBER	PART NUMBER
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