

LUXLINE™

3528H0/90/5

Flexible LED Strip Lighting

COMPACT & EASY ON THE EYES

For applications requiring a slim LED producing a median lumen output, our **LUXLINE™ LED Light Strip 3528H0/90/5 series** fits well into compact spaces and features comfortable illumination that's easy on the eyes. This strip series is used frequently to create ambient lighting for comfortably lit environments and outline lighting for glowing effects. Available color temperatures include 3000K-65000K at a CRI of 80+ as well as single colors such as red, green, and blue. All color temperatures offered in this series are designed to fit into all LUXLINEAR™ LED Tube profiles.



Great for creating soft glow ambient and outline illumination.



STRONG 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 LIGHT COLOR

ASSURED QUALITY



E477011



100% QC



LIMITED WARRANTY



LEDCONN

— Be the FOCUS —



(714) 256-2111



sales@ledconn.com



(714) 256-2118



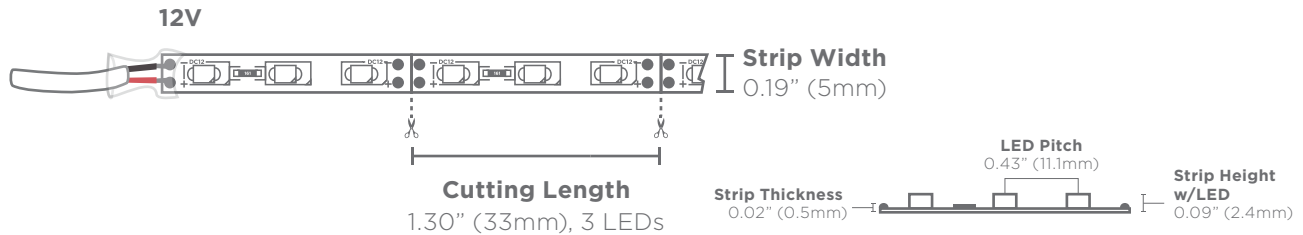
301 Thor Place
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www.ledconn.com

MECHANICAL

LED STRIP CUTTING DIAGRAM



PARAMETERS

| S | V | P | C | W | # |
|-------|-----|-------------------|-----------------|----------------|---|
| 3528H | 12V | 0.43" (11.1mm) | 1.30" (33mm) | 0.19" (5mm) | 3 |

KEY

- S** Strip Type
- V** Operating Voltage
- P** Center-to-Center Pitch
- C₁** Cutting Length - From Edge
- C₂** Standard Cutting Length
- W** Strip Width
- #** # LEDs per Cut Strip

PARAMETERS

- LED Type** EPISTAR 3528 LED
- LED Count** 27 pc/ft (90 pc/m)
- Dimensions** 0.19" (w) x 0.09" (h) [5mm (w) x 2.4mm (h)]
- LED Pitch** 0.43" (11.1mm)
- LED Strip Width** 0.19" (5mm)
- LED Node Size** 3528
- Roll Length** 16 ft 3/8 in (5m)

MOUNTING

Field Cuttable 1.30" (33mm), every 3 LEDs

Mounting Options

- 3M™ Adhesive
- Magnets

Heat Sink Not required

Environment Indoor/dry location

IP Rating¹ IP22

Ambient Temperature -13°F-158°F (-25-70°C)

Operating Temperature -13°F-140°F (-25-60°C)

¹ Custom IP Ratings—including EXTERIOR applications (IP 67 & 68)—available upon request.

SPECIFICATION SUBMITTAL

| | |
|-------------------|-------------|
| JOB NAME / NUMBER | PART NUMBER |
|-------------------|-------------|

ELECTRICAL

PHOTOMETRICS

Wide Beam Angle 120°

Lamp Life 54,000+ hours

Color Rendering Index (CRI/Ra) 80+

Standard Colors

- 3000K
- 4100K
- 5300K
- 6500K
- Red
- Green
- Blue

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

Input Current

- 3000K-6500K: 0.17 A/ft (0.56 A/m)
- Red, Green, Blue: 0.19 A/ft (0.62 A/m)

Power Consumption

- 3000K-6500K: 2.05 W/ft (6.72 W/m)
- Red, Green, Blue: 2.25 W/ft (7.38 W/m)

Wire Size 20 AWG 2 Wire

Please use only with Class 2 power supply

Connector Type

- Molex®
- DC Barrel Jack
- Hardwire

| CCT | CRI | EFFICACY | BEAM ANGLE | LUMINOUS FLUX | POWER |
|--|------|------------|------------|-------------------------|-------------------------|
|  3000K Warm White | | | | | |
|  4100K Neutral White | | | | | |
|  5300K Daylight | ≥ 80 | 93.66 lm/W | | 192 lm/ft (630 lm/m) | 2.05 W/ft (6.72 W/m) |
|  6500K Cool White | | | 120° | | |
|  Red | | 57.34 lm/W | | 129 lm/ft (424 lm/m) | |
|  Green | N/A | 43.56 lm/W | | 98 lm/ft (322 lm/m) | 2.25 W/ft (7.38 W/m) |
|  Blue | | 20 lm/W | | 45 lm/ft (148 lm/m) | |

SPECIFICATION SUBMITTAL

| | |
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|-------------------|-------------|



INTERIOR COVE LIGHTING



INDOOR ACCENT LIGHTING

APPLICATIONS

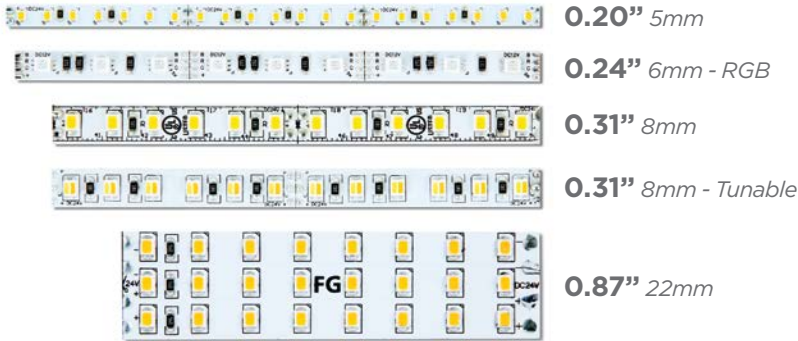
- Cove Lighting
- Indoor Accent Lighting
- Ambient Lighting
- Under Cabinet LED Lighting
- Showcase & Bookshelf Lighting
- Retail Merchandising Displays
- Illuminated POP Displays
- Outline illumination
- Path and Contour Marking
- Ultra LED-slim light boxes & light panels
- ...And Many More!

SPECIFICATION SUBMITTAL

JOB NAME / NUMBER

PART NUMBER

ADDITIONAL STRIP WIDTHS



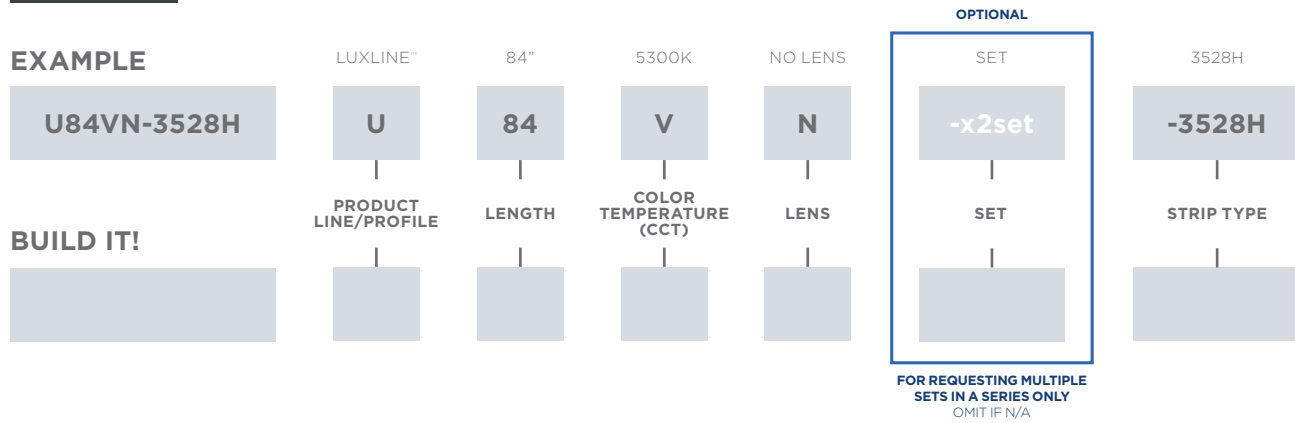
AVAILABLE IN

MULTIPLE STRIP WIDTHS & COLOR TEMPERATURES

Contact a Sales Rep for More Information



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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