

LUXLINE™

2835H3/288/22

Indoor/Dry Location Series

SUPER BRIGHT LIGHTING

LUXLINE™ LED Strip 2835H3/288/22 is a wide strip solution that provides maximum brightness for a myriad of applications. Use this strip for applications requiring high lumen output and flexibility. Great for under cabinet lighting, cove lighting, and general office lighting.



KEY FEATURES



OPTIMAL COLOR RENDERING



HIGH EFFICACY & BRIGHTNESS



CONSISTENT LIGHT COLOR



WIDE BEAM ANGLE



FLEX & CURVE



LONG LED LIFESPAN



CUTTABLE



80% ENERGY EFFICIENT



CUSTOM LENGTHS



CUSTOM COLOR TEMPS



CONSTANT VOLTAGE



EXCELLENT WEATHERABILITY

BRIGHT ACCENT LIGHTING

See page 3 for more popular application ideas.



ASSURED QUALITY



E477011



100% QC



LIMITED WARRANTY



PROJECT NAME/NO.	PART NUMBER
SPECIFIED BY	NOTE

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MECHANICAL

PARAMETERS

LED Type SMD 2835**LED Count** 87 LEDs/ft (288 LEDs/m)**LED Strip Dimensions** 0.87" (w) x 0.04" (h) [22mm x 1mm]**LED Pitch** Edge-to-Center 0.28" (7.2mm) • Center-to-Center 0.39" (10.4mm)**LED Strip Width** 0.87" (22mm)**LED Node Size** 2835**Max. Run** 16 ft 6/16in (5m)

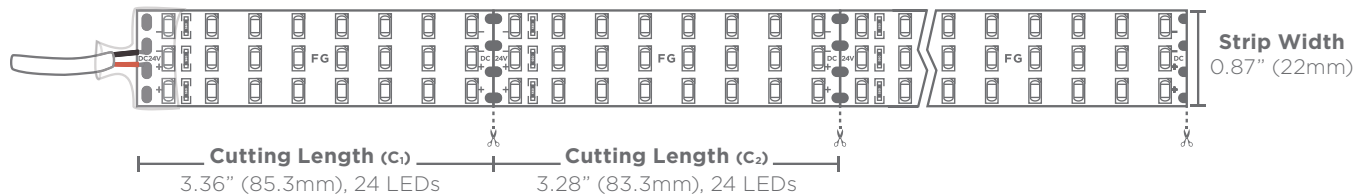
CONSTRUCTION & BASE MATERIAL

Substrate Material Flexible PET**Metal Material** Rolled copper for PCB flexibility

COMPLIANCE & REGULATORY APPROVAL

UL E477011 • cUL E477011 • RoHs • CE • Lead Free • Warranty 5 years

LED STRIP CUTTING DIAGRAM



LED SIZE	OPERATING VOLTAGE	PITCH edge-to-center	PITCH center-to-center	CUTTING LENGTH from edge (C ₁)	CUTTING LENGTH standard (C ₂)	WIDTH	# LEDs per cut section
2835	24V	0.28" 7.2mm	0.41" 10.4mm	3.36" 85.3mm	3.28" 83.3mm	0.87" 22mm	24

ELECTRICAL

PHOTOMETRICS

Wide Beam Angle 120°**Lamp Life** 54,000+ hours**Color Rendering Index** 90+ across all color temperatures**Standard Color Temperatures** 3000K • 4100K • 5300K • 6500K**Custom Color Temperatures** Available upon request**Lumen Output** 871 lm/ft (2856 lm/m) - 1187 lm/ft (3893 lm/m)**Lumen Efficacy** 109 lm/W - 150 lm/W

DIMMING

- Pulse-width modulation dimming (PWM)
- 0-10V dimming
- Magnetic low voltage (MLV)

POWER SUPPLY

Input Voltage 24VDC constant voltage**Input Current** 0.33 A/ft (1.08 A/m)**Power Consumption** 7.90 W/ft (25.92 W/m)**Wire Size** 20 AWG 2 Wire**Please Use Only with Class 2 Power Supply****Connector Type** Molex® • DC Barrel Jack • Hardwire

SAFETY DISCLOSURES

Electric Code Compliance Please make sure to install LUXLINE™ in accordance with standard national and local electrical codes.**Actual Product Color May Vary** Please note that the product color as seen in this specification sheet, photography, and related marketing material for this product may vary slightly from your actual customized product due to photographic and design limitations.**Specifications are Subject to Change Without Notice** While we try to make every effort to inform customers of updates to our products, we reserve the right to make modifications and improvements to our fixture specifications and designs without advance notice.**Manufacturer is Not Liable for Matching Fixtures to Pre-Existing Fixture Installations** We cannot guarantee matching the CCT appearance, product design, or lumen output for pre-installed fixtures or reorders.Current  Compatible

- Energy Savings
- Versatile
- Scalable
- Outdoor Rated
- Wired, Wireless or Hybrid

Contact us to inquire about other compatible controls





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PHOTOMETRIC DATA TABLE

	CCT	CRI	EFFICACY	BEAM ANGLE	LUMINOUS FLUX	POWER
	3000K Warm White	≥90	109 lm/W	120°	871 lm/ft 2856 lm/m	7.9 W/ft (25.92 W/m)
	4100K Neutral White		124 lm/W		976 lm/ft 3201 lm/m	
	5300K Daylight		137 lm/W		1083 lm/ft 3552 lm/m	
	6500K Cool White		150 lm/W		1187 lm/ft 3893 lm/m	

INSTALLATION

Field Cuttable LUXLINE is fully field cuttable and may be cut vertically along the designated cutting lines. Light strips may be cut every 3.28" (83.3mm) or every 24 LEDs. LUXLINE™ is versatile in application and fully customizable for many curved and space-sensitive projects.

Environment Indoor/dry location safe. For best performance, avoid mounting LUXLINE LED strips in direct sunlight, near direct water contact, or by surfaces subject to puddling caused by rainfall or sprinkler sprays. Our craftsmen make every effort to customize and assemble your lighting solution. Even so, dust, debris, water, or moisture may still creep into the adjoining pieces over time.

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

Custom IP Ratings Available Outdoor application treatment for LUXLINE is available upon request. Available IP Ratings include IP65, IP67, and IP68. Please ask a Sales Rep for information.

Mounting May be mounted with 3M adhesives. All LUXLINE™ strips feature 3M adhesive on the reverse side of the sheet.

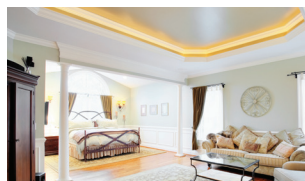
Avoiding Hotspots To prevent hotspots, we recommend installing LUXLINE at least 1-2" away from the diffuser or illuminated surface.

Connectors LUXLINE may be connected with Molex® connectors, DC barrel jack, or hardwire.

Curved Applications LUXLINE may be flexed for curved or radius applications to best fit your retail or architectural environment.

APPLICATIONS

- Retail Environments
- General Office Lighting
- Corporate Buildings
- Cove Lighting
- Indoor Accent Lighting
- Under Cabinet LED Lighting
- Showcase Lighting
- Retail Merchandising Displays
- Illuminated POP Displays
- Path & Contour Marking
- ...And Many More!



COVE LIGHTING



GENERAL OFFICE LIGHTING



INDOOR ACCENT LIGHTING



UNDER CABINET LIGHTING

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LUXLINE™ LIGHT STRIP PART NUMBER

EXAMPLE

U328VNB-2835H3-x2set

LUXLINE™

U

PRODUCT
LINE/PROFILE

328"

328

LENGTH

5300K

V

COLOR
TEMPERATURE
(CCT)

NO LENS

N

LENS

DC BARREL

B

CONNECTOR

2835H3

-2835H3

LED STRIP TYPE

OPTIONAL

SET

-x2set

SET

FOR REQUESTING MULTIPLE
SETS IN A SERIES ONLY
OMIT IF N/A

BUILD IT!

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

-2835H3 2835H3/288/22 (22mm)

SET (OPTIONAL)

-x2set SET (OMIT IF N/A)

PROJECT NAME/NO.

PART NUMBER

SPECIFIED BY

NOTE