

Single Color 2835 Size Flexible LED Strips

Features

- Available in 2 Different Ratings
Non-Waterproof (IP20)
Water Resistant (IP65)
- 16.4 Ft. (5 Meter) Reels
- Low Profile Thickness
Non-Waterproof – .054" (1.38mm)
Water Resistant – .083" (2.12mm)
- 2–3 times larger heat sink than 3528, allowing excellent heat dissipation
- Oversized light-emitting surface improves the rate of light up to 90%
- 2–3 times higher luminous efficiency than 3528; capable of up to 90–100 Lumens per Watt
- RoHS Compliant
- Dimmable to 6V DC
- Applications Include: Interior Lighting, Ceilings, Shelves, Cabinets, Showcases, Motor Homes, RV's, Boats and Aviation



Specifications

Viewing Angle: 120°

Voltage: 12V DC

Wattage per Reel:

30 LED Count: 5.25W

60 LED Count: 10.5W

300 LED Count: 52.5W

600 LED Count: 105W

Operating Temperature: -20° to +50°C

Storage Temperature: 30° to +80°C

Life Span: 50,000 hours min

Ordering Information

Non-Waterproof Types

NTE Type No.				LED Color	Luminous Intensity (per LED)	WL (nm) & CCT (K)
5 Meter Length		1/2 Meter Length				
300 / Reel	600 / Reel	30 / Strip	60 / Strip			
69-28R	69-282R	69-28R-02	69-282R-02	Red	N/A	620 – 630nm
69-28A	69-282A			Amber	N/A	585 – 595nm
69-28B	69-282B	69-28B-02	69-282B-02	Blue	N/A	455 – 470nm
69-28G	69-282G			Green	N/A	510 – 525nm
69-28W	69-282W	69-28W-02	69-282W-02	White	22–24lm	6000–7000k
69-28WW	69-282WW	69-28WW-02	69-282WW-02	Warm White	22–24lm	3000–3500k

NOTE: LED strips should not be used in sealed environments or in areas where ambient temperatures are extremely hot.

Epoxy Water Resistant Types

NTE Type No.				LED Color	Luminous Intensity (per LED)	WL (nm) & CCT (K)
5 Meter Length		1/2 Meter Length				
300 / Reel	600 / Reel	30 / Strip	60 / Strip			
69-28R-WR	69-282R-WR	69-28R-WR-02	69-282R-WR-02	Red	N/A	620 – 630nm
69-28A-WR	69-282A-WR			Amber	N/A	585 – 595nm
69-28B-WR	69-282B-WR	69-28B-WR-02	69-282B-WR-02	Blue	N/A	455 – 470nm
69-28G-WR	69-282G-WR			Green	N/A	510 – 525nm
69-28W-WR	69-282W-WR	69-28W-WR-02	69-282W-WR-02	White	22–24lm	6000–7000k
69-28WW-WR	69-282WW-WR	69-28WW-WR-02	69-282WW-WR-02	Warm White	22–24lm	3000–3500k

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Power Supplies

NTE Type No.	Description
57-12D-6000-4	12V, 6A, 72W, 2.1mm x 5.5mm plug
57-12D-8000-4	12V, 8A, 96W, 2.1mm x 5.5mm plug
57-12D-10000-4	12V, 10A, 120W, 2.1mm x 5.5mm plug

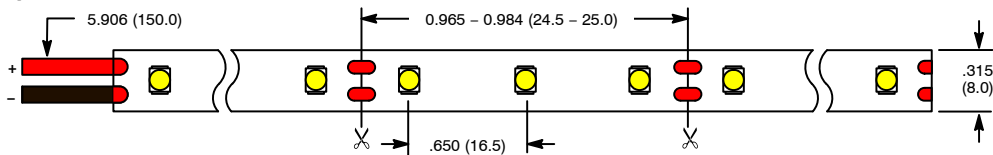
Accessories

NTE Type No.	Description
Connectors	
*69-A2	LED Connector with 5.75 inch leads – Add to cut strips
*69-A5	LED Solid Color Connector – For joining strips
*69-A11	L Connector – For joining strips
*69-A14	T Connector – For joining strips
**69-A20	Single Color IP65 (WR) Strip Connector – For joining strips to AWG22-20 wire.
**69-A21	Single Color IP20 Strip Connector – For joining strips to AWG22-20 wire.
**69-A22	Single Color IP65 (WR) Strip Connector – For joining strips
**69-A23	Single Color IP20 Strip Connector – For joining strips

NOTE: * for 300 LED count only.
 ** for 600 LED count only

Dimensions

300 LEDs per 5m



600 LEDs per 5m

