

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 |

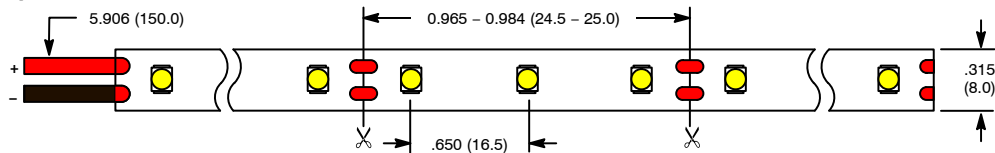
Accessories

| 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 |
| Mounting Clips | |
| 69-MC1 | Hold-Down Clip for 8mm Type IP20 LED Strips |
| 69-MC2 | Hold-Down Clip for 8mm Type IP65 (WR) LED Strips |

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

Dimensions

300 LEDs per 5m



600 LEDs per 5m

