

Single Color 3528 Size Flexible LED Strips

Features

- Available in 3 Different Waterproof Ratings
 - Non-Waterproof (IP20)
 - Water Resistant (IP65)
 - Waterproof (IP68)
- Adhesive Back, Peel & Stick (EXCLUDING WP Suffix)
- 20 AWG Heat Resistant PVC Leads
- Available in 100 Ft (30.48 Meter) Reels, 16.4 Ft. (5 Meter) Reels, and 19.69 In (0.5 Meter) Pre-Cut Strips
- Standard 16.4 Ft. (5 Meter) Reels can be cut to smaller lengths
- Pre-Cut 19.69 In (0.5 Meter) Strips come Pre-Wired with a 69-A1 Connector already Attached
- 2 Different LED Densities
 - 30/Strip or 60/Strip (0.5 Meter Lengths)
 - 300/Reel or 600/Reel (5 Meter Lengths)
- RoHS Compliant
- Very Bright and Low Power Consumption
- 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: 2.4W

60 LED Count: 4.8W

300 LED Count: 24W

600 LED Count: 48W

Operating Temperature: -20° to +50°C

Storage Temperature: -30° to +80°C

Life Span: 50,000 hours min

** The 100 ft. length is available in either 12V or 24V.

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			
69-36R	69-312R	69-36R-02	69-312R-02	Red	400mcd	620 – 630nm
69-36A	69-312A	69-36A-02	69-312A-02	Amber	400mcd	585 – 595nm
69-36B	69-312B	69-36B-02	69-312B-02	Blue	300mcd	455 – 470nm
69-36G	69-312G	69-36G-02	69-312G-02	Green	800mcd	510 – 525nm
69-36PI	69-312PI			Pink	450mcd	452.5 – 455nm
69-36PU	69-312PU			Purple	450mcd	385 – 400nm
69-36W **	69-312W	69-36W-02	69-312W-02	White	4lm	6000 – 7000K
69-36WW	69-312WW	69-36WW-02	69-312WW-02	Warm White	4lm	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			
69-36R-WR	69-312R-WR	69-36R-WR-02	69-312R-WR-02	Red	400mcd	620 – 630nm
69-36A-WR	69-312A-WR	69-36A-WR-02	69-312A-WR-02	Amber	400mcd	585 – 595nm
69-36B-WR	69-312B-WR	69-36B-WR-02	69-312B-WR-02	Blue	300mcd	455 – 470nm
69-36G-WR	69-312G-WR	69-36G-WR-02	69-312G-WR-02	Green	800mcd	510 – 525nm
69-36PI-WR	69-312PI-WR			Pink	450mcd	452.5 – 455nm
69-36PU-WR	69-312PU-WR			Purple	450mcd	385 – 400nm
69-36W-WR	69-312W-WR	69-36W-WR-02	69-312W-WR-02	White	4lm	6000 – 7000K
69-36WW-WR	69-312WW-WR	69-36WW-WR-02	69-312WW-WR-02	Warm White	4lm	3000 – 3500K

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

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Silicon Tube and Waterproof Types

NTE Type No.		LED Color	Luminous Intensity (per LED)	WL (nm) & CCT (K)
300 / Reel	600 / Reel			
69-36R-WP	69-312R-WP	Red	400mcd	620 – 630nm
69-36A-WP	69-312A-WP	Amber	400mcd	585 – 595nm
69-36B-WP	69-312B-WP	Blue	300mcd	455 – 470nm
69-36G-WP	69-312G-WP	Green	800mcd	510 – 525nm
69-36PI-WP	69-312PI-WP	Pink	450mcd	452.5 – 455nm
69-36PU-WP	69-312PU-WP	Purple	450mcd	385 – 400nm
69-36W-WP	69-312W-WP	White	4lm	6000 – 7000K
69-36WW-WP	69-312WW-WP	Warm White	4lm	3000 – 3500K

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

Power Supplies & Dimmers

NTE Type No.	Description
Power Supplies	
LEDTA-6	12V, 2A, 24W, 2.1mm x 5.5mm plug
69-D24	12V, 2A, 24W, 2.1mm x 5.5mm plug
69-D36	12V, 3A, 36W, 2.1mm x 5.5mm plug
69-D48	12V, 4A, 48W, 2.1mm x 5.5mm plug
69-D72	12V, 6A, 72W, 2.1mm x 5.5mm plug
Dimmers	
69-DIM1	RF, Remote Controlled, 12V, 8A, 96W for Single Color LED Strips. For use with up to four 24 watt, two 36 watt, two 48 watt, or one 72 watt LED Strip(s). Contains 1 remote and 1 dimmer.
69-DIM2	Knob Operated Control, 12V, 8A, 96W for Single Color LED Strips. For use with up to four 24 watt, two 36 watt, two 48 watt, or one 72 watt LED Strip(s).

Accessories

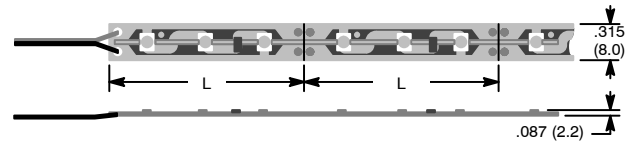
NTE Type No.	Description
Connectors	
*69-A1	Female DC Connector with 5.75 inch leads, 5.5mm x 2.1mm for power supplies and remote receiver
*69-A2	LED Connector with 5.75 inch leads – Add to cut strips
69-A5	LED Solid Color Connector – For joining strips
69-A8	Solid Color Connector
69-A9	Waterproof DC Connectors (Male and Female) for power supplies and remote receiver
*69-A11	L Connector – For joining strips
*69-A14	T Connector – For joining strips
69-A17	Female DC Connector with 2 ft. leads, 5.5mm x 2.1mm for power supplies and remote receiver
69-A18	Female DC Connector with 5 ft. leads, 5.5mm x 2.1mm for power supplies and remote receiver
69-A19	Female DC Connector with 10 ft. leads, 5.5mm x 2.1mm for power supplies and remote receiver
**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

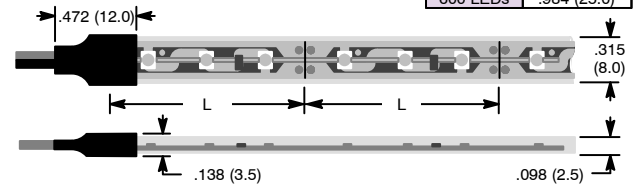
Non-Waterproof

Density	L
30 LEDs	1.968 (50.0)
60 LEDs	.984 (25.0)
300 LEDs	1.968 (50.0)
600 LEDs	.984 (25.0)



Water Resistant

Density	L
30 LEDs	1.968 (50.0)
60 LEDs	.984 (25.0)
300 LEDs	1.968 (50.0)
600 LEDs	.984 (25.0)



Waterproof

Density	L
30 LEDs	1.968 (50.0)
60 LEDs	.984 (25.0)

