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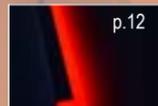
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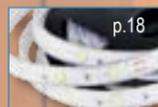
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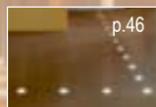
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NOTE: New LED Products are constantly coming to the market. Consult [www.SolidApollo.com](http://www.SolidApollo.com) for brand new products and ideas on how to use them for best results. Please call Solid Apollo (866-592-3873) for questions about new LED products!

# DRIVERLESS A/C LED STRIP 120(V)

**LED CHIP**  
SMD 5050 Dimensions = 5.0mm x 5.0mm

**SMD5050 LED Chips** have 3 LED diodes in one housing or encapsulation (sometimes called tri-chips), and are brighter than individual chips with just one diode. They are commonly used when high illumination for your project area is needed. SMD 5050 LED's offer light output 3x that of the other chips such as the SMD3528, and SMD3020, therefore the 5050 LED is well suited for lighting up areas that may be subject to high levels of ambient light or that need more lighting. LED's are able to illuminate for 50,000 hours (≈10 years @ 8 hours per day!) at an 80% energy reduction over incandescent lights.



## UP TO 165 FT. CONTINUOUS ILLUMINATION

**Solid Apollo introduces Direct Plug-In, Driverless 120V A/C LED Strip Lights with protective, waterproof, silicone extrusion casing. This Driverless LED Strip Lighting Solution can plug directly into any common wall socket. Driverless LED Strip can install up to 165(ft) of continuous strip from a common A/C outlet without a separate power transformer, known as a driver. Solid Apollo puts the power back into the hands of the user with the ability to light ANY project, ANYWHERE and do it with ease.**

### A REVOLUTION IN LED STRIP LIGHTING:

Plug-and-Play immediately out of the box, place outside or inside, on a roof or buried in the ground the possibilities are limitless! Solid Apollo's Driverless 120V LED Strip Lights are like nothing else available on the market, it is a revolution in Dimmable Driverless LED Strip Lighting! Until now, installing low voltage LED Strip Lights required the use of transformers or drivers. If the project design called for a large number of LED strips, complex wiring and the use of many drivers was needed to secure a long lasting instal-

lation. Simply plug one end into a common A/C wall outlet and instantly have the ability to light up 165(ft) of continuous strip with just one connection, no drivers, transformers or complex wiring necessary. Driverless LED Strip runs off of any A/C wall outlet, an advantage because the LED Strip can operate virtually anywhere. Now, anyone can enjoy LED accent lighting at a low cost and with no professional assistance! Thanks to the heavy duty silicone extrusion casing, Solid Apollo's Driverless A/C LED Strip can go anywhere and do anything. Outdoor and indoor applications are a breeze. Installation is quite simple as the product already comes in a plug-and-play configuration. Every section of Driverless A/C LED Light Strip is made with the same high quality components professional installers and architects have come to rely on, including Solid Apollo's 3 year warranty.

### Features:

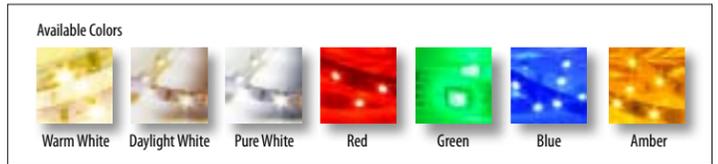
- Plug and Play, no drivers or special connections needed
- High grade silicone encapsulation for added safety
- Can be cut every 19.68(in) (50 cm)

# DRIVERLESS LED Strip Light

## LED Strip Light- 165ft. Continuous SMD 5050

### DESCRIPTION

Solid Apollo's Driverless, Dimmable LED Light Strips are like nothing else available on the market, it is a revolution in Driverless LED Lighting technology! Until now, installing low voltage LED Strip Lights required the use of transformers or drivers. If the project design called for a large number of LED strips, complex wiring and the use of many drivers was needed to secure a long lasting installation. Now, you only need to plug one end of the strip into a wall outlet and instantly have the ability to light up 165(ft) of continuous LED strip with just one connection, no drivers, transformers or complex wiring necessary. Driverless A/C LED Strip runs off of any wall A/C outlet, an advantage because the LED Strip can operate virtually anywhere. Now, anyone can add accent lighting virtually anywhere at a low cost and with no professional assistance!



Comes Plug-in Ready!

### RELATED PRODUCTS



### ADVANTAGES

- + Up To 165Ft of Continuous Strip With Just One Connection
- + Dimmable With Almost Any Wall Dimmer In The Market
- + Indoor/Outdoor Applications
- + Plug And Play No Drivers Or Cumbersome Transformers Needed
- + Installs In Seconds
- + No Wires To Cut And Solder
- + High Grade Silicone Housing For Added Protection
- + Can be Cut Every 30 LED's, or 19.68(in) (=50cm)

### Essential Product Features

- Operating Voltage 120V A/C
- White Printed Circuit Board (PCB)
- 3 Year Warranty
- Dimensions: Variable
- Watts Per Foot = 4.4 W
- Beam Angle = 120°
- IP Rating = IP67

### Typical Applications

- Lighting Extended Distances
- Kitchen, Bathroom, Laundry/Utility
- Outdoor Architectural/Hospitality Lighting
- Landscape Lighting
- Decks, Paths, Gardens
- Driveway
- Cove lighting for difficult access



AC Strip Interconnector re-connect a cut section of AC Strip, go around corners: SKU# SA-DLS-inter

Waterproof Strip Joiner join two pieces of driverless strip together when severed at cut point: SKU# SA-DLS-JOINER

AC Strip Power Cord plug AC Strip directly into any wall outlet: SKU# SA-DLS-POWER

Waterproof Strip Bracket attach any strip section to mounting surface: SKU# SA-DLS-Bracket

Waterproof End Cap waterproof the end of a strip that has been severed at a cut point: SKU# SA-DLS-ENDCAP

### TECHNICAL INFORMATION

LED COLOR	SKU#	TEMP (K)	LED / Ft.	LUMENS / Ft	WATTS / Ft.	LED TYPE	(CRI) Color Rendering Index	MINIMUM CUT
WARM WHITE	SA-DLS-5050-WW	3100°K	18	220lm	4.4W	SMD 5050	80	19.68 in.
DAYLIGHT WHITE	SA-DLS-5050-DW	4500°K	18	274lm	4.4W	SMD 5050	82	19.68 in.
PURE WHITE	SA-DLS-5050-W	6000°K	18	274lm	4.4W	SMD 5050	82	19.68 in.
RED	SA-DLS-5050-RED	N/A	18	95lm	4.4W	SMD 5050	N/A	19.68 in.
BLUE	SA-DLS-5050-BLUE	N/A	18	78lm	4.4W	SMD 5050	N/A	19.68 in.
GREEN	SA-DLS-5050-GREEN	N/A	18	68lm	4.4W	SMD 5050	N/A	19.68 in.
AMBER	SA-DLS-5050-AMBER	N/A	18	60lm	4.4W	SMD 5050	N/A	19.68 in.

120V LED Strip

# LED STRIP LIGHTS



## LED CHIPS

SMD 5050 Dimensions = 5.0mm x 5.0mm  
SMD3528 Dimensions = 3.5mm x 2.8mm

**SMD5050 LED Chips** have 3 LED diodes in one housing or encapsulation (sometimes called tri-chips), and are brighter than individual 3528 LED chips. They are commonly used when for high illumination for your project area. SMD 5050 LED's offer light output 3x that of the 3528 chip, and therefore the 5050 LED is well suited for lighting up areas that may be subject to high levels of ambient light or that need more lighting. LED's are able to illuminate for 50,000 hours (≈10 years @ 8 hours per day!) at an 80% energy reduction over incandescent lights.

**SMD3528 LED Chips** are great for LCD TV backlighting, Cove Lighting, Under Cabinet Lighting, Color Splashing Walls, Accent Lighting For Shelves, Artwork, Pictures, Under Tables, Bars, Etc. 3528 LED's can be most cost effective.

# ILLUMINATING SOLUTIONS

**LED Strip Lights** are flexible lighting solutions with infinite possibilities. LED Light strips usually come in 16.4ft Spools and contain different amounts of LED's (Light Emitting Diodes). Depending on the type of Diodes and the quantity, each LED Light Strip will enable you to achieve the exact tone and brightness levels you need for a specific project.

## WHAT COLORS ARE AVAILABLE?

Solid Apollo offers a wide range of colors as well as different hues of white light using Color Temperature Kelvin(K°) Scale: Red, Green, Blue, Amber, RGB (Color Changing), Warm White, Daylight White & Pure White

## WHAT IS COLOR TEMPERATURE?

Color temperature is a description of the warmth or coolness of a light source. Yellows are considered warm, and pure whites are considered cool. LED light is exactly the same. Higher Kelvin temperatures (K°6000) are considered cool, lower Kelvin temperatures (3100K°) are considered warm. Cool light is preferred for visual tasks because it produces higher contrast than warm light. Warm light is preferred for living spaces because it is more flattering to skin tones and clothing. A color temperature of 2700–3600 K°

is generally recommended for most indoor ambient light and task lighting applications.

## Typical Applications:

LED Strip Lights are so dynamically useful, they can be used in a multitude of applications. Thanks to its flexible Printed Circuit board and 3M™ Double-Sided Tape, it's easy to install them, even go around corners or make graceful curves. As LED strips have such a low profile and emit very minimal heat, the applications available to use these state-of-the-art LED Lighting Solutions are immense and limitless!

## Use in any of these Applications:

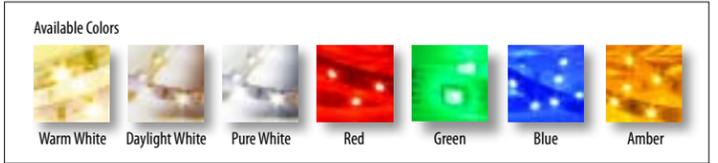
Retail Stores • Product Display • Display Cases • Kitchen • Bathroom • Bedroom • Gardens • Decks • Water Features • Restaurants • Lounges • Casinos • Cove Lighting • Decorative & Accent Lighting • Edge Lighting Glass Or Acrylic Plates • Lighting Art Or Accent Pieces • Egress Lighting • Flat Screens • TV's • Entertainment Centers & Home Theaters • Trade Show Exhibits • Stair Cases • Wine Cellars • Under Cabinet Lighting • Vending Machines • Freezers & Food Displays • Yachts & Recreational Boats • Arts & Crafts • Models • Hobbies

# Bright LED Strip Light 24W

## LED Strip Light-300 Units SMD 3528

## DESCRIPTION

Solid Apollo's 16.4ft LED Strip is the perfect solution to light up areas that require ambient light without much space for installation. It is available in a wide array of colors and temperatures. Thanks to its white printed circuit board with double sided tape, it can be easily installed. It is the perfect strip for narrow areas and is a very economical way to give accent lighting to any space, no matter how small. Includes a jack connector so you can light it up with any of our power supplies that have a jack connector. No need to solder or cut cables. Each Flexible LED Strip contains 300 surface mounted 3528 LED Chips individually picked by BIN Number in order to have a very steady Color Rendering Index (CRI). Strip can be cut every 4(in) or 6 LED's. This LED Strip runs at 24V, an advantage because it operates at a lower current, which maximizes its estimated lifetime of 50,000 Hrs. Printed on white circuit board (PCB), the finishing look has more reflective capabilities compared to traditional LED Strips.



Also Available  
in 12 V DC!



## Essential Product Features

- Operating Voltage 24V DC
- White Printed Circuit Board (PCB)
- 3 Year Warranty
- Dimensions: 16.4ft X 0.31in
- Weighs Only 0.44 lbs
- LED/Spool = 300/16.4 Feet
- Watts Per Foot = 1.5W
- Beam Angle = 120°

## Typical Applications

- Cove Lighting
- Accent Lighting
- Under Cabinet Lighting
- Architectural Lighting
- Hospitality Lighting

## RELATED PRODUCTS



**8mm Snap-&-Lite LED Strip Interconnector Cable** easily connect LED strips to one another, designed to go around corners and change the angle of installation: SKU# SKU335



**Female Barrel Connectors** this connector is specifically designed to be connected to a power supply, or to LED accessories: SKU# SA-LS-ACC-003



**iTouch LED Dimmer ON/OFF** switch and control brightness of the LED strip: SKU# SA-CTRL-0088



**8mm Solderless LED Strip Power Adapter** used to power LED Strips, use with female barrel connectors: SKU# SA-LS-ACC-007-2



**8mm Snap-&-Lite LED Strip Joiner** connect two pieces of LED strip together: SKU# SA-LS-ACC-0012-8mm-02



**24 W Power Supply** perfect for supplying steady voltage to one spool: SKU# SA-PS-24V-1A-24W

## TECHNICAL INFORMATION

LED COLOR	SKU#	TEMP (K)	LED / Ft.	LUMENS / Ft	WATTS / Ft.	LED TYPE	TOTAL (W)	(CRI) Color Rendering Index	MINIMUM CUT
WARM WHITE	SA-LS-WW-3528-300-24V	3100°K	18	70lm	1.5 W	SMD 3528	24W	80	4 in.
DAYLIGHT WHITE	SA-LS-DLW-3528-300-24V	4500°K	18	79lm	1.5 W	SMD 3528	24W	82	4 in.
PURE WHITE	SA-LS-W-3528-300-24V	6000°K	18	82lm	1.5 W	SMD 3528	24W	82	4 in.
RED	SA-LS-RE-3528-300-24V	N/A	18	12 lm	1.5 W	SMD 3528	24W	N/A	4 in.
GREEN	SA-LS-GR-3528-300-24V	N/A	18	55 lm	1.5 W	SMD 3528	24W	N/A	4 in.
BLUE	SA-LS-BL-3528-300-24V	N/A	18	12 lm	1.5 W	SMD 3528	24W	N/A	4 in.
AMBER	SA-LS-AM-3528-300-24V	N/A	18	18 lm	1.5 W	SMD 3528	24W	N/A	4 in.

# Double Brightness 48W

## LED Strip Light-600 Units SMD 3528

# Ultra High Brightness 72W

## LED Strip Light-1200 Units SMD 3528

### DESCRIPTION

Solid Apollo's 16.4ft LED Strip is the perfect solution to light up areas in a linear format. It contains twice as many LEDs per strip than the normal density LED Strip thus producing double the amount of lumens/ft. Thanks to its white printed circuit board with double sided tape, it can be easily installed even in small spaces. It includes a jack connector so you can light it up with any of our power supplies that have a jack connector. No need to solder or cut cables. Each Flexible LED strip contains 600 surface mounted 3528 LED Chips individually picked by BIN Number in order to have a very steady Color Rendering Index (CRI). LED Strip runs at 24V, an advantage because the LED Strip can operate at a lower current, which maximizes its estimated lifetime of 50,000 Hrs. Printed on white circuit board (PCB), the finishing look has more reflective capabilities compared to traditional LED Strips.



### RELATED PRODUCTS

**8mm LED Strip Interconnector Cable** easily connect LED Strips to one another, designed to go around corners: SKU# SA-LS-ACC-14

**Female Barrel Connectors** this connector is specifically designed to be connected to a power supply, or to LED Accessories: SKU# SA-LS-ACC-003

**iTouch LED Dimmer ON/OFF** Switch and control brightness of the LED strip: SKU# SA-CTRL-0088

**8mm Solderless LED Strip Power Adapter** connect power supply to LED Strips: SKU# SA-LS-ACC-007

**8mm Solderless LED Strip Joiner** connect two pieces of LED Strip together: SKU# SA-LS-ACC-0012-8mm

**48W Power Supply** perfect for supplying steady current to one spool, small size makes it easy to hide: SKU# SA-PS-24V-2A-48W



### Essential Product Features

- Operating Voltage 24V DC
- White Printed Circuit Board (PCB)
- 3 Year Warranty
- Dimensions: 16.4ft X 0.31in
- Weighs Only 0.5 lbs
- LED/Spool = 600/16.4 Feet
- Watts Per Foot = 3W
- Beam Angle = 120°

### Typical Applications

- Cove Lighting
- Accent Lighting
- Under cabinet Lighting
- Architectural Lighting
- Hospitality Lighting
- Landscape Lighting

### TECHNICAL INFORMATION

LED COLOR	SKU#	TEMP (K)	LED / Ft.	LUMENS / Ft	WATTS / Ft.	LED TYPE	TOTAL (W)	(CRI) Color Rendering Index	MINIMUM CUT
WARM WHITE	SA-LS-WW-3528-600-24V	3100°K	36	139lm	3W	SMD 3528	48W	80	2 in.
DAYLIGHT WHITE	SA-LS-DLW-3528-600-24V	4500°K	36	159lm	3W	SMD 3528	48W	82	2 in.
PURE WHITE	SA-LS-W-3528-600-24V	6000°K	36	165lm	3W	SMD 3528	48W	82	2 in.

### DESCRIPTION

Solid Apollo's 16.4ft LED Strip is the perfect solution to provide amazing light output in a small package. It has twice as many LEDs per strip as the Double Brightness Strip thus producing twice as many lumens/ft. Thanks to its white printed circuit board with double sided tape, it can be easily installed. It includes a jack connector so you can light it up with any of our power supplies that have a jack connector. No need to solder or cut cables. Each Flexible LED strip contains 1200 surface mounted 3528 LED Chips individually picked by BIN Number in order to have a very steady Color Rendering Index (CRI). Solid Apollo's Ultra High Brightness Flexible LED strip can be cut every 12 LED's or every 2". Its 1200 SMD 3528 LED's, which are 4 times brighter than normal LED strips, run at 24V, an advantage because the LED strip can operate at a lower current maximizing its estimated lifetime of 50,000 Hrs. Printed on white circuit board (PCB), the finishing look has more reflective capabilities compared to traditional LED Strips.



### RELATED PRODUCTS

**96W Power Supply** recommended power supply for 72W strips with even voltage: SKU V# SA-PS-24V-4A-96W

**5 Zone LED Strip Dimmer and Receiver** individually control up to five different zones: SKU# SA-CTRL-002B  
5-Zone Receiver SKU# SA-CTRL-002B-R

**iTouch LED Dimmer ON/OFF** switch and control brightness of the LED Strip: SKU# SA-CTRL-0088



### Essential Product Features

- Operating Voltage 24V DC
- White Printed Circuit Board (PCB)
- 3 Year Warranty
- Dimensions: 16.4ft X 0.5512in
- LED/Spool = 1200/16.4 Feet
- Weighs Only 0.5 lbs
- Watts Per Foot = 4.4W
- Beam Angle = 120°

### Typical Applications

- Cove Lighting
- Accent Lighting
- Under Cabinet Lighting
- Architectural Lighting
- Hospitality Lighting
- Landscape Lighting

### TECHNICAL INFORMATION

LED COLOR	SKU#	TEMP (K)	LED / Ft.	LUMENS / Ft	WATTS / Ft.	LED TYPE	TOTAL (W)	(CRI) Color Rendering Index	MINIMUM CUT
WARM WHITE	SA-LS-WW-2835-1200-24V	3100°K	72	278lm	4.4W	SMD 3528	72W	80	2 in.
PURE WHITE	SA-LS-CW-2835-1200-24V	6000°K	72	329lm	4.4W	SMD 3528	72W	82	2 in.

# High Brightness 43W

## LED Strip Light-150 Units SMD 5050

# Ultra High Brightness 72W

## LED Strip Light-300 Units SMD 5050

LED Strip Lights

LED Strip Lights

### DESCRIPTION

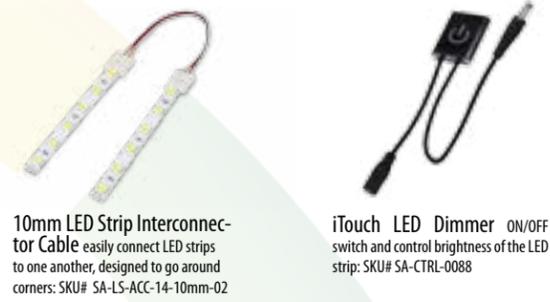
Solid Apollo's 16.4ft High Brightness LED strip is the perfect solution to light up areas in a linear format. Thanks to its white printed circuit board with double sided tape, it can be easily installed. It includes a jack connector so you can light it up with any of our power supplies that have a jack connector. No need to solder or cut cables. Each Flexible LED strip contains 150 surface mounted 5050 LED Chips individually picked by BIN Number in order to have a very steady Color Rendering Index (CRI). Solid Apollo's Flexible LED strip can be cut every 6 LED's or every 6<sup>1/2</sup>(in) approx. Its 150 SMD 5050 LED's, which are 3 times brighter than normal LED strip, run at 24V, an advantage because the LED strip can operate at a lower current maximizing its estimated lifetime of 50,000 Hrs. Printed on white circuit board (PCB), the finishing look has more reflective capabilities compared to traditional LED Strips.

### DESCRIPTION

Solid Apollo's 16.4ft Ultra High Brightness LED strip is the perfect solution to light up areas in a linear format with high intensity lighting. Thanks to its white printed circuit board with double sided tape, it can be easily installed. It includes a jack connector so you can light it up with any of our power supplies that have a corresponding jack connector. No need to solder or cut cables. Each Flexible LED strip contains 300 surface mounted 5050 LED Chips individually picked by BIN Number in order to have a very steady color rendering index (CRI). Solid Apollo's Ultra High Brightness Flexible LED strip can be cut every 6 LED's or every 3<sup>15/16</sup>in. Its 300 Tri-Chip (three individual diodes per chip) SMD 5050 LED's, which are 5 times brighter than normal LED strip, run at 24V, an advantage because the LED strip can operate at a lower current, which maximizes its estimated lifetime of 50,000 Hrs. Printed on white circuit board (PCB), the finishing look has more reflective capabilities compared with traditional LED Strips.



### RELATED PRODUCTS



**10mm LED Strip Interconnector Cable** easily connect LED strips to one another, designed to go around corners: SKU# SA-LS-ACC-14-10mm-02

**iTouch LED Dimmer** ON/OFF switch and control brightness of the LED strip: SKU# SA-CTRL-0088



**5 Zone LED Strip Dimmer and Receiver** individually control up to five different zones: SKU# SA-CTRL-002B  
5-Zone Receiver SKU# SA-CTRL-002B-R

**Female Barrel Connectors** this connector is specifically designed to be connected to a power supply, or to LED accessories: SKU# SA-LS-ACC-003



**10mm Solderless Snap & Light LED Strip Joiner** connect any LED strips at cut point: SKU# SA-LS-ACC-0012-10mm

**Power Supply** 48 W Power Supply is perfect for supplying steady current to one spool: SKU# SA-PS-24V-2A-48W



### Essential Product Features

- Operating Voltage 24V DC
- White Printed Circuit Board (PCB)
- 3 Year Warranty
- Weighs Only 0.5 lb.
- Dimensions: 16.4ft X 0.39in
- LED/Spool = 150/16.4 Feet
- Watts Per Foot = 2.6W
- Beam Angle = 120°

### Typical Applications

- Cove Lighting
- Accent Lighting
- Under Cabinet Lighting
- Architectural Lighting
- Hospitality Lighting
- Landscape Lighting

### TECHNICAL INFORMATION

LED COLOR	SKU#	TEMP (K)	LED / Ft.	LUMENS / Ft.	WATTS / Ft.	LED TYPE	TOTAL (W)	(CRI) Color Rendering Index	MINIMUM CUT
WARM WHITE	SA-LS-WW-5050-180-24V	3100°K	9	110lm	2.6W	SMD 5050	43W	80	6 <sup>1/2</sup> in.
DAYLIGHT WHITE	SA-LS-DLW-5050-180-24V	4500°K	9	118lm	2.6W	SMD 5050	43W	82	6 <sup>1/2</sup> in.
PURE WHITE	SA-LS-W-5050-180-24V	6000°K	9	137lm	2.6W	SMD 5050	43W	82	6 <sup>1/2</sup> in.



### Essential Product Features

- Operating Voltage 24V DC
- White Printed Circuit Board (PCB)
- 3 Year Warranty
- Dimensions: 16.4ft X 0.39 in
- LED/Spool = 300/16.4 Feet
- Weighs Only 0.5 lb.
- Watts Per Foot = 4.4W
- Beam Angle = 120°

### Typical Applications

- Cove Lighting
- Accent Lighting
- Under Cabinet Lighting
- Architectural Lighting
- Hospitality Lighting

### TECHNICAL INFORMATION

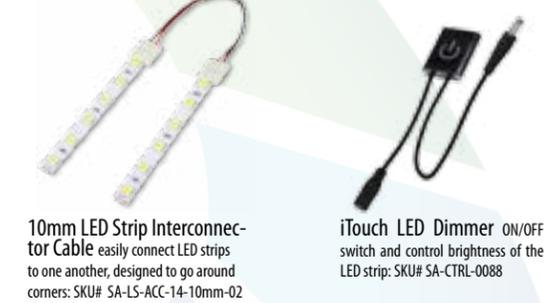
LED COLOR	SKU#	TEMP (K)	LED / Ft.	LUMENS / Ft.	WATTS / Ft.	LED TYPE	TOTAL (W)	(CRI) Color Rendering Index	MINIMUM CUT
WARM WHITE	SA-LS-WW-5050-300-24V	3100°K	18	220lm	4.4W	SMD 5050	72W	80	3 <sup>15/16</sup> in.
DAYLIGHT WHITE	SA-LS-DLW-5050-300-24V	4500°K	18	274lm	4.4W	SMD 5050	72W	82	3 <sup>15/16</sup> in.
PURE WHITE	SA-LS-W-5050-300-24V	6000°K	18	274lm	4.4W	SMD 5050	72W	82	3 <sup>15/16</sup> in.

### RELATED PRODUCTS



**96W Power Supply** recommended power supply for 72W strips with even voltage: SKU #SA-PS-24V-4A-96W

**10mm Solderless Snap & Light LED Strip Joiner** connect any LED strips at cut point: SKU# SA-LS-ACC-0012-10mm



**10mm LED Strip Interconnector Cable** easily connect LED strips to one another, designed to go around corners: SKU# SA-LS-ACC-14-10mm-02

**iTouch LED Dimmer** ON/OFF switch and control brightness of the LED strip: SKU# SA-CTRL-0088



**5 Zone LED Strip Dimmer and Receiver** individually control up to five different zones: SKU# SA-CTRL-002B  
5-Zone Receiver SKU# SA-CTRL-002B-R

**Female Barrel Connectors** this connector is specifically designed to be connected to a power supply, or to LED accessories: SKU# SA-LS-ACC-003

# Side-Emitting LED Strip 36W

## LED Strip Light-600 Units SMD 335

### DESCRIPTION

Solid Apollo's, 16.4' high density, dimmable Side Emitting LED Strip Light Spool, emits the light at a 90° angle from the surface of the strip. It's 600 high intensity, side emitting Epistar SMD 335 LED's, will cast a light with no shadows. Usually side emitting LED strips are used to light up acrylics and glass through the edges. This Side Emitting LED strip, can be cut every 6 LED's or every 1.96" (50mm) and includes double sided premium 3M tape. Each flexible LED strip contains 600 surface mounted Epistar SMD 335 Chips individually picked by BIN Number in order to have a very steady Color Rendering Index (CRI). LED strip runs at 24V, an advantage because the LED strip can operate at a lower current, which maximizes its estimated lifetime of 50,000 Hrs. Printed on white circuit board (PCB), the finishing look has more reflective capabilities compared to traditional LED strips. We recommend one of our power supplies with at least 40W at 24V; for example our 24V, 48W Power Transformer.



### Essential Product Features

- Operating Voltage 24V DC
- White Printed Circuit Board (PCB)
- 3 Year Warranty
- Dimensions: 16.4ft X 5/16in
- LED/Spool = 600/16.4 Feet
- Weighs Only 0.35 lbs
- Watts Per Foot = 2.2W
- Beam Angle = 120°

### Typical Applications

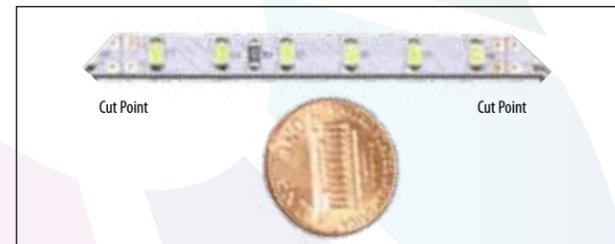
- Side Lighting Of Acrylics And Glass
- Signage Lighting
- Creation Of Halo In Extruded Letters
- Furniture And Display Lighting
- Display Furniture
- Jewelry Applications
- Under Cabinet Lighting
- Cove Lighting

# NANO High Density LED Strip 36W

## SMD3020 LED Strip Light 600 Chip

### DESCRIPTION

Solid Apollo's 16.4 Foot Dimmable, Nano LED Strip Light is the first in its class to have a very low profile of just 5mm (.19") width. The Dimmable Nano LED Strip Light is flexible and can be cut every 5cm (1.96"). This new LED Strip Light is perfect for those places where conventional LED Lighting Strip can't fit. Its 3020 Epistar LED's produce an outstanding light output of 165 Lumens/foot and boasts 36 Single LED's per foot as well. LED Strip is the perfect solution to light up areas in a linear format. Thanks to its white printed circuit board with double sided tape, it can be easily installed. Each Flexible LED strip contains 600 surface mounted Epistar SMD 3020 Chips individually picked by BIN Number in order to have a very steady Color Rendering Index (CRI). LED strip runs at 24V, an advantage because the LED strip can operate at a lower current, which maximizes its estimated lifetime of 50,000 Hrs. Printed on white circuit board (PCB), the finishing look has more reflective capabilities compared to traditional LED Strips.



### Essential Product Features

- Operating Voltage 24V DC
- White Printed Circuit Board (PCB)
- 3 Year Warranty
- Dimensions: 16.4ft X 5/16in
- LED/Spool = 600/16.4 Feet
- Weighs Only 0.35 lbs
- Watts Per Foot = 2.2W
- Beam Angle = 120°

### Typical Applications

- Illuminating Incredibly Tight Spaces
- Furniture And Display Lighting
- Display Furniture
- Jewelry Applications
- Under Cabinet Lighting
- Cove Lighting
- Drawer Lighting

# Signage LED Lighting Modules

## SMD5050 LED 20 Module String

### DESCRIPTION

#### Color Changing RGB 3 LED 20 Module String

Solid Apollo's RGB LED Light Module String is made with 3 high intensity Color Changing LED's per module and 20 modules per string. With the an optional RGB controller, these modules can change color and play fading effects. Can be set to any color (Green, Blue, Red, Yellow, Cyan, Purple, White etc).

#### Pure White 3 LED 20 Module String

Solid Apollo's Pure White LED Light Module String is made with 3 high intensity LED's per module and 20 modules per string.

#### Pure White 4 LED 20 Module String (See fig.1, fig.2, fig.3)

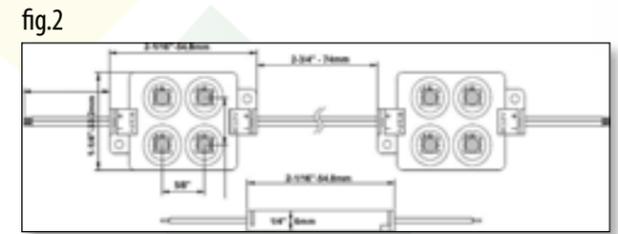
Solid Apollo's Pure White LED Light Module String is made with 4 high intensity LED's per module and 20 modules per string. These LED light modules are commonly used in lighting Channel Letters (see fig.1), Sign Making, Cove Lighting, Accent Lights, Jewelry Lighting and Retail Lighting.

#### Advantages for LED Signage Modules Are:

- Compact design and ABS Outer casing that will fit most applications
- Up to 70% energy saving compared to Neon or fluorescent
- Easier installation than Neon of Fluorescent tubes
- Maintenance free
- Low voltage operation (12V DC)
- Brightness maintenance over 50,000 hrs
- Each String has 20 Modules with a total length of 8' or 245cm
- High Brightness: We only use super bright SMD 5050 LED's
- Comes ready to install with 3M™ Double Sided Tape on the back of each module (except RGB)
- Extended Life: Low heat, proper drive characteristic and high quality LED's, brightness levels are maintained through out the lifetime of the LED's
- Friendly Environment: Lead(Pb) free, With CE/RoHS/SGS certificate, our Waterproof LED Modules are up to 70% more energy efficient than Neon
- Safe Application: Low Voltage DC 12V, provides safety and stability

#### Typical Applications

- Channel Letters in Signage
- Sign Making
- Cove Lighting
- Accent Lights
- Jewelry Lighting
- Retail Lighting



### RELATED PRODUCTS



### TECHNICAL INFORMATION

LED COLOR	SKU#	TEMP (K)	LED / Ft.	LUMENS / Ft	WATTS / Ft.	LED TYPE	TOTAL (W)	(CRI) Color Rendering Index	MINIMUM CUT
WARM WHITE SIDE-EMITTING	SA-LS-WW-335-600SMD-24V	3100°K	36	98lm	2.2W	Epistar SMD 335	36W	80	1.96 in.
PURE WHITE SIDE-EMITTING	SA-LS-W-335-600SMD-24V	6000°K	36	110lm	2.2W	Epistar SMD 335	36W	82	1.96 in.
WARM WHITE NANO	SA-LS-WW-3020-600SMD-24V	3100°K	36	139lm	2.2W	Epistar SMD 3020	36W	80	1.96 in.
PURE WHITE NANO	SA-LS-W-3020-600SMD-24V	6000°K	36	165lm	2.2W	Epistar SMD 3020	36W	82	1.96 in.

### TECHNICAL INFORMATION

LED COLOR/MODULE	SKU#	TEMP (K)	LED'S	LUMENS /Module	TOTAL MODULES	TOTAL WATTS	LED TYPE	(CRI)	LENGTH	IP
RGB MODULE	SA-LM-3X5050-RGB-12V	N/A	60 LED/string	39 lm per module	20 unit string	11 W	Trichip RGB 5050	N/A	8ft/245cm	IP65
PURE WHITE SQUARE	SA-LM-4X5050-W-12V	6000°K	80 LED/string	70 lm per module	20 unit string	18 W	Trichip SMD 5050	82	8ft/245cm	IP65
PURE WHITE RECTANGLE	SA-LM-3X5050-W-12V	6000°K	60 LED/string	48 lm per module	20 unit string	11 W	Trichip SMD 5050	82	8ft/245cm	IP65