24VDC 3528SMD 146LEDs/Ft High CRI 95 Quad Row LED Strip Lights

Model: FSLQR-24V-3528X5M

- SMD 3528
- 146 LEDs/m, 2400 LEDs/16.4ft
- 7~8lm/LEDs 19200lm/16.4ft, 1170lm/ft, 3840lm/m
- every 24 PCS LED can be cut
- IP20/67/68 optional
- RGB/ Yellow/ 3000K/ 4000K/ 6000K/ 7000K

Description

This super-bright LED light strip is great for creating a high-power light fixture. It operates on 24 VDC and can be used in longer runs than 12V strips. The powerful LED tape light emits 1,170 lumens of cool white illumination per foot. And with a high CRI (color-rendering index) of up to 95.3, light from the LEDs will show the true colors of any object or surrounding. The 16.4' quad-row LED tape light can be easily cut into separate 24-LED segments and installed with its peel-and-stick 3M adhesive backing. This strip is designed to last 60,000 hours. It's great for retail shops, supermarkets, food and meat cases, museums, galleries, videography, and other indoor applications where presentation, appearance, and depth of color are critical. Also available in custom lengths. Product specifications LED Strip Type: Quad row led strip lights LED Chip: SMD 3528 480LEDs/m Light Color: Daylight White(6212k) Input Voltage(V): 24VDC Working Power: 8Amps 194W /16.4ft Max CRI (Ra>): 95.3 Working Temperature: -4°F (-20℃) ~ 122°F (50℃) Dimension: 16.4ft/roll, Can be cut every 24LEDs 0.2" (50mm) LED Quantity: 2400 LEDs /roll , 146 LEDs/ft Lifespan: 50,000+hours Dimensions: L500cm(197.6 in) x W2.8cm(1.1 in) x H0.13cm(0.05 in) Lamp Luminous Flux(lm): Up to 16,800 Lumen/roll Beam Pattern: 120 degree Water Proof: Non-Waterproof.
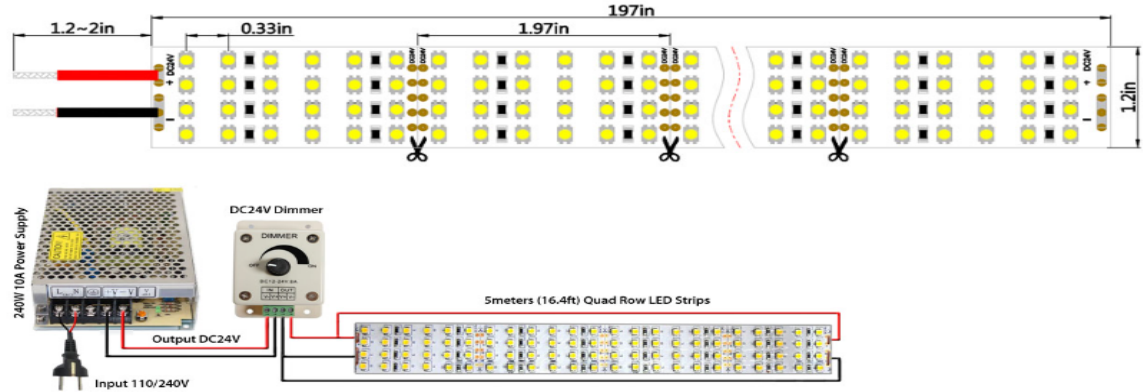
Product Specific Specifications

Product Type:	SMD 3528 2400PCS/16.4ft
LED Chip:	Epistar Chip
Input Voltage:	DC24V
Power:	7A 194W /16.4ft Max
Working Temperature:	-20℃~+50℃
Storage Temperature:	-40℃~+80℃
LED Color:	Warm White, Daylight White,Cool White, Red, Green, Blue, Amber (optional)
Cuttable	16.4ft/roll, every 24 PCS LED can be cut
LED Quantity:	480 LEDs per meter (39.4 in)
Waterproof Rating:	IP20 / IP67 / IP68
Dimensions:	L500cm(196.8 in) x W2.8cm(1.10 in) x H0.20cm(0.08 in)
Lamp Luminous Flux(lm):	7~8lm/LEDs 19200lm/16.4ft，1170lm/ft, 3840lm/m
Wavelength NM(RGBY):	Red(620-630nm), Green(515-525nm), Blue(465-475nm), Yellow(585-595nm)
Beam Angle:	120 degree
Strip Length:	5m/16.4Ft

*CCT may be +/-100K but always ordered from same bin and will present no noticeable differences perceived by the human eye.
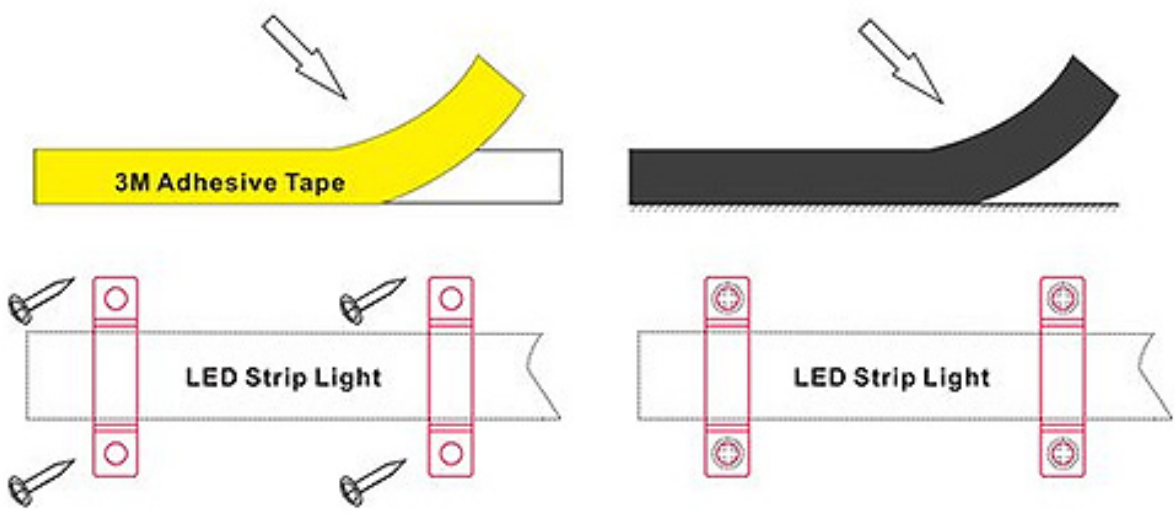
LED Strip Wiring

Controlling addressable LED strips via SPI or DMX controllers is a commonly used method. The SPI or DMX signals allow each LED or group of LEDs on the light strip to be addressed individually for simple APP control and RF remote control. Default with 3pin JST connector for easy connection.
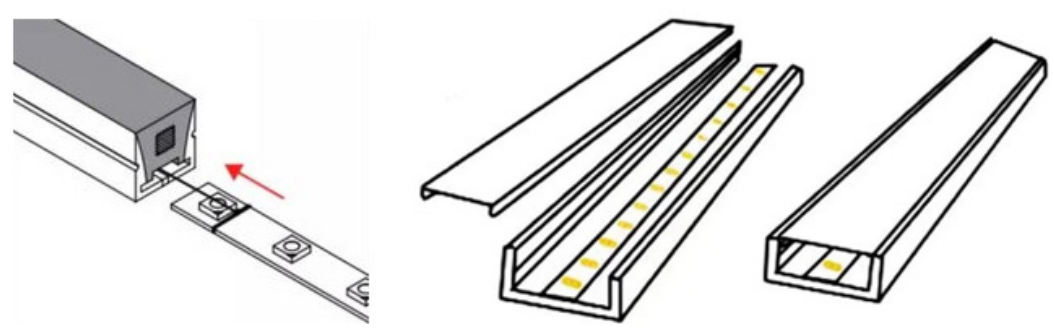

LED Strip Installation

We provide a variety of LED strip light mounting methods to meet the needs of different users and use scenarios. IP20, IP65 strip light through the adhesive backing on the object, IP67 and IP68 outdoor strip light we provide adhesive backing and bracket fastening two ways.

Optical accessories

To improve lighting effect and the appearance of light strip installation, you can use two supplementary materials or accessories, LED neon covers or aluminum profiles. The light scattered by the silicone or PC material will become even and soft or even spotless.
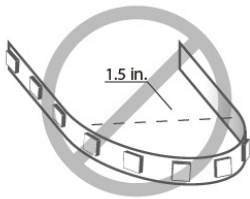
Precautions

Do not bend led strip light to a diameter less than 1.5 inches;
Do not fold or crease led strip light; Do not bend led strip light on a horizontal plane;
Do not put excessive pressure on surface of strip light (e.g. glass/acrylic panes, etc);
Do not cover strip light with any material except neon tube, aluminum profile, etc. optical accessories;
Do not cut off or modify the strip light or attached AC cord that provides power to the strip light;
Do not power strip light while attached to spool or tightly coiled;
Please don't connect low voltage led strips directly to AC110 or AC220V line voltage, otherwise it will burn out the LEDs.

Application Scenes

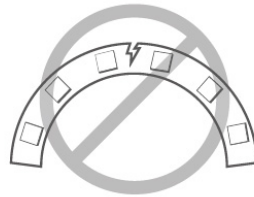LED strip lights is a very flexible and versatile lighting solution for:
1. Home Lighting - LED strip can be installed in all corners of the home, such as under cabinets, staircase edges, TV backdrops, etc., to provide a soft background light and increase the coziness of your home.
2. Commercial Lighting - In shopping malls, hotels, restaurants and other commercial places, LED light strips can be used to highlight the display of goods and create a comfortable shopping and dining environment.
3. Landscape Lighting - LED strips can be used for outlining architectural silhouettes, lighting gardens and landscapes, as well as beautifying city streets to enhance the beauty of the urban nightscape.
4. Automotive decorative lighting - LED strips are also widely used in the automotive field, such as interior and exterior decorative lights, dashboard backlighting, etc., providing safer and personalized lighting.
5. Festive decoration - During festivals, LED strips can be used as decorative lights to add festive atmosphere.
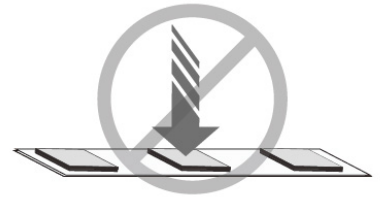
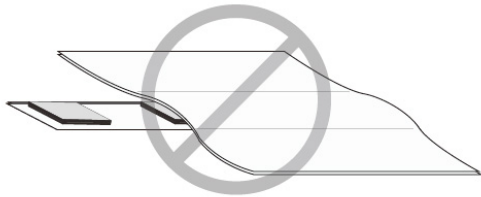Do not bend LED strip light to a diameter less than 1.5 inches.
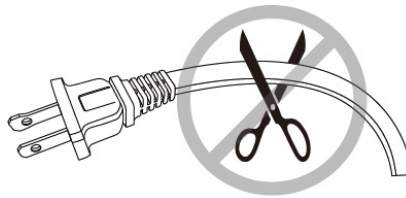
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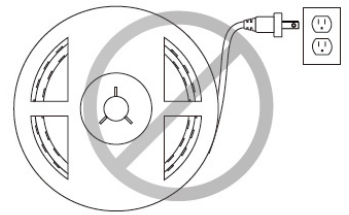Do not bend LED strip light on a horizontal plane.

Do not put excessive pressure on surface of strip light (e.g. glass/acrylic panes etc.).

Do not cover strip light with any materials.

Do not cut off or modify the strip light or attached AC cord that provides power to the strip light.

Do not power strip light while attached to spool or tightly coiled.