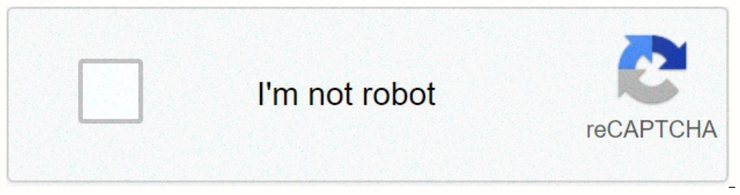

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Uv led strip lights

Why trust the best reviews? BestReviews spends thousands of hours researching, analyzing and testing products to recommend the best picks for most consumers. We only make money if you buy a product through our links and all opinions about the product are our own. Read more BestReviews spends thousands of hours researching, analyzing and testing its products to recommend the best choice for most consumers. We only make money if you buy a product through our links and all opinions about the product are our own. Read more BestReviews spends thousands of hours researching, analyzing and testing its products to recommend the best choice for most consumers. We buy all products with our own funds and we do not accept free products from manufacturers. Read more Davide D. by davide D. Fotolia.com Custom cars may include custom accent lighting as a finishing touch to highlight grille and headlight lines or illuminate foot wells in vehicles. The flat LED strip easily meets the gap between the trim panels and is easily fit for various lighting solutions. Flat LED lighting strips can be cut to the right length for any project and connected to existing vehicle wiring. Led wiring can be connected to various automatic lighting circuits to control the illumination of the light. Cut the light to the desired length by cutting the LED strip light between groups of lights according to the manufacturer's recommendations. Expose and remove the end of the wire leading to the LED light. Identify the wiring circuit to tap to power the light - the circuit used determines when the light is on. For example, install an LED light that flashes at a turn signal. Use the voltage tester to determine the correct wire. For example, remove the turn signal wiring harness, turn on the signal, and probe the wiring harness to identify the wires that carry the current. Identify the fuse in the wiring circuit to be tapped and remove the fuse. Tap the wiring circuit and use a pinch-type splitter to connect the length of the wire to the LED light - simply insert the wire end into the splitter and pinch closed. Wrap the splitter and wire bundle in electrical tape. Use the electrician's fish wire to pull the wire under the carpet and route the wiring to the place where the LED light is attached. If necessary, glue the wiring under the trim panel. Remove the end of the power line and solder it to one wire on the LED strip light to cover the soldered wire with electrical tape. Remove both ends of the wire, which is long enough to reach from the LED light to the bolts or screws in the vehicle's frame. Loosen the bolts and connect one end of the wire. Route the other end of the wire to the LED light and nod to the LED ground wire. Cover the wires with the sneds with electrical tape. Install the LEDsStrips securely fastened with silicone adhesive or zip ties. Photo: depositphotos.comLED light strips are long circuit boards with surface-mounted light-emitting diodes (SMD LEDs) that give any room a warm glow. Strips are also known as LED tapes or ribbon lights and usually have adhesive backing for easy installation. The best LED light strips can be used for many different interior design projects, such as lighting a kitchen countertop with recessed lighting, backlighting, or lighting under a cabinet. The LED light strips below are some of the best in each category selected for quality, functionality and attractive design. Photos: depositphotos.com What to look for when buying LED light strips Before buying LED light strips, keep these factors in mind to make sure your choice meets or exceeds expectations for the intended application. Location of use It is essential to decide where to install your LED light strip before you decide which product to use. Some designs meet specific purposes, such as step lighting or TV backlighting. This specialization makes it different from the average LED light strip. For example, a product intended for tv backlighting comes with four precut pieces and a TV-specific sync option, which changes color to mimic the color of the screen. Other location considerations are water resistance for patio use, dimming compatibility for LED light strips in bedrooms, or motion-sensing LED tape for halls, bathrooms, or stairs. Even more common installation locations, such as walls and ceilings, guarantee some considerations before buying, so you don't end up with specialized products that you don't have the intention to put it on. Length light strips come in a variety of lengths, from 1 foot to 32 feet on average, depending on their brightness and purpose. LED light strips intended for use in TV backlights and stairs tend to be shorter for easier installation. Low-brightness LED light strips can be up to 32 feet long with 300 LED lights. High-brightness LED light strips have the same number of LED modules, but only measure up to 16 feet long. However, the most flexible light strips can be cut using scissors to shorten them if necessary. Alternatively, if you want longer LED tape, you can also connect the pieces to customize the length you want. Flexibility Most light strips have a flexible circuit board that runs around corners or over curved surfaces. Some LED light strips are flexible enough to bend up to 90 degrees without damaging the circuit board. However, as the power of led light strips increases, flexibility decreases, and some light strips are completely stiffened. These inflextable products are very short in length and sometimes only a foot long and tend to be significantly brighter than the average lightIt is also equipped with motion sensing technology, making it ideal for lighting stairs. Brightness The brightness of the LED light strip is measured in lumens or LM units per meter and is determined by the density of LED lights within 1 meter. Brightness can be difficult to figure out for yourself, and some manufacturers don't include this information. By taking note of the LED density, you can find the average brightness of the light strip. The average light band has two densities: standard density (SD) of 30 LEDs (9.1 LED/ft) per meter or high density (HD) of 60 LEDs (18.3 LEDs/ft) per meter. Standard density (SD) light strips produce an average of 540 LM and require 27 watts of power. They run up to 32.8 feet. High density (HD) light strips provide an average of 1080 LM and require 40 watts of power at up to 16.4 feet long. Color and color temperature The color of the light strip should be noted. Some light strips are only one color, while others have a multi-million color range of colors to choose from. The color options you choose depend entirely on your personal preferences. The color temperature is measured in Kelvin (K) degrees to show how warm or cold the color of the light looks. The soft glow of the average incandescent bulb is a cool temperature of 2,700K, while natural sunlight is much warmer, averaging 6,500K. However, this is only a factor in light strips with a mono color option. WattageWattage is a measure of the amount of energy a light strip needs to function at optimal brightness. Light strips that require more energy than a light source can supply work correctly and often produce much weaker light. Led light strips work using batteries, power adapters and can be hardwired directly to your home electrical system using a power adapter that plugs into an electrical outlet. LED light strips with low brightness requirements, such as 540 LM strips, also reduce wattage requirements. As the demand for brightness increases, so does the demand for power, requiring a 16.4-foot standard density light strip that requires 27 watts of power and a 16.4-foot high-density LED light strip that requires 40 watts. Many years before operation, LED light strips were hardwired into electrical systems to operate on light switches or plug into power outlets and be controlled by buttons. However, LED light strips have a long way from their original design. You can now get light strips that connect to Bluetooth, Wi-Fi, remote, or mobile phone apps. You can use these controls to adjust brightness and color, program lights to sync with music, and schedule when you wake up, get home from work, or go to sleep. LED light strips that connect with smart home ecosystems such as Amazon Alexa and Google Home can also be controlled using voice commands, but you can also use simpler options with just one color.Take the remote control and turn the light on or off. Our top pick regardless of the type of LED light strip you buy, you want it to be a high quality product. These LED light strips are some of the best available based on the above buying factors, price, effectiveness and reputation. Photo: Amazon.com1.Best Overall: Govee 32.8ft Smart LED Strip Lights These LED strip lights feature nearly 33 feet of bright, 1,080 LM lighting with up to 16 million color options to choose from through the Govee Home app. Light strips can be connected to Amazon Alexa and Google Home to give you voice control over your lighting. You can also turn lights on and off as you enter the area to control color settings without lifting your finger. It comes in a 16.4-foot roll with two coverages and requires 40 watts of power for optimum functionality. Use your smartphone to schedule operations or enjoy a sound-responsive microphone that prompts you to change color to LED with music beats, hand clapping, and other sounds. Photo: Amazon.com2.Runner-up: Nexirmi 50ft LED Strip Nen Kisiyumi's 50 Foot Music Sink LED Light Strip uses 540 LM LED lights for perfect room and entertainment center accents. Two flexible 25ft light strips are included along with several straight and L-shaped connectors so that the light strip can be cut and applied anywhere. The low brightness of these LEDs means that only 27 watts of power is required for the best light output. Download the Ehome Light app to get a fully customizable color selection, response to music beats and brightness optimization. For those who find the smartphone application offensive, it also includes a remote control with the same function. Photo: Amazon.com3.Backlight Pick: Designed for PANGTON Villa LED Strip Light TV Backlight, this kit from PANTTON VILLA has adhesive backing and four strips for simple applications. The 540 LM lighting is perfect for setting the mood behind your TV while curling up to play your favorite games or watch scary movies. The light strip connects directly to the TV via a USB port, so you don't have to worry about wattage requirements. If your TV doesn't have a USB port, you can plug the adapter (included) into a power outlet. Choose between 16 colors or darken the lights with the included remote control. However, this light strip kit is dedicated to TVs and computer monitors and is not a great option for other types of lighting. Photo: Amazon.com4.Motion Activated Topic: Cotanic 70 LED Closet Light Cotonic 70 LED Closet Lights are not as flexible as most other light strips. It provides a 10-foot area where motion sensors can detect movement and automatically turn on led light strips. After being inactive for 18 seconds within a range of 10 feet, the light strip is cut off. High density light stripsEliminate the need for wires by installing or removing them from magnetic mounts for easy charging through USB ports. The ultra-thin design is ideal for dark hallways and sets of stairs, providing lighting during the darkest hours while keeping a low profile at your feet. The glare-free diffusion plate becomes the ideal nighttime guide to prevent it from disappearing into the eye when it is automatically activated. Photo: amazon.com5.colorful pick:Govee Dream Color LED Strip Light RGBIC This high density LED light strip is a color lover's dream, with millions of shades available through a customizable color palette. Light strips can be controlled via Govee's Home app to light multiple colors at the same time on the same strip. You can also use the built-in microphone to synchronize lighting to ambient audio. However, proper measurement is important because the simultaneous multi-color lighting feature means that the flexible LED light strip cannot be cut to fit like other flexible light strips. Photo: Amazon.com6.TECH PICK:WenTop LED Strip Light Kit Smart Home Integration controls the WenTop smartphone-controlled LED light strip with your voice, smartphone, included remote control, or smart home link device. The flexible 16.4-foot LED light strip works with Amazon Alexa and Google Home using WiFi and Bluetooth connectivity. You can also use remote, app, or smart home controls to set colors to a specific color temperature to increase Kelvin measurement accuracy for optimal comfort. Comfort.