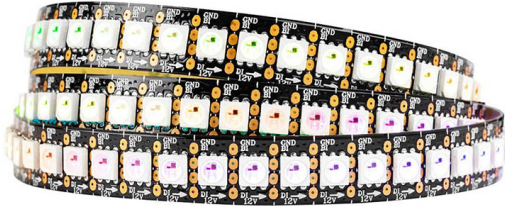


DC12V WS2815 Individually Addressable Digital LED Strip Lights

Model: DCFLS-12V-WS2815X144



- WS2815 Breakpoint Resume
- 144 LEDs / m , 720 LEDs / 16.4ft
- JST Connector
- Every LED can be cut (10.41mm/0.41")
- IP 20 / 65 / 67 / 68 optional
- RGB / Warm White 3000K / Daylight White 6000K



Description

12V individually addressable WS2815 LED strip has a high density of 144 LED chips per meter, featuring three color types: RGB for dreamy colors, 6000K daylight white or 3000K warm white for running water lighting effects. Choose from 1m, 2m, 3m, 4m, or 5m strip lengths, each with varying IP ratings to suit your needs. This pixel tape light is available in regular version and engineering version. The LED chip of the engineering WS2815 LED pixel version adds resistance, compared with the regular WS2815 addressable LED strip, under the same ultra long running length and weak SPI signal, the engineering version will not flicker, and the lighting effect is better.

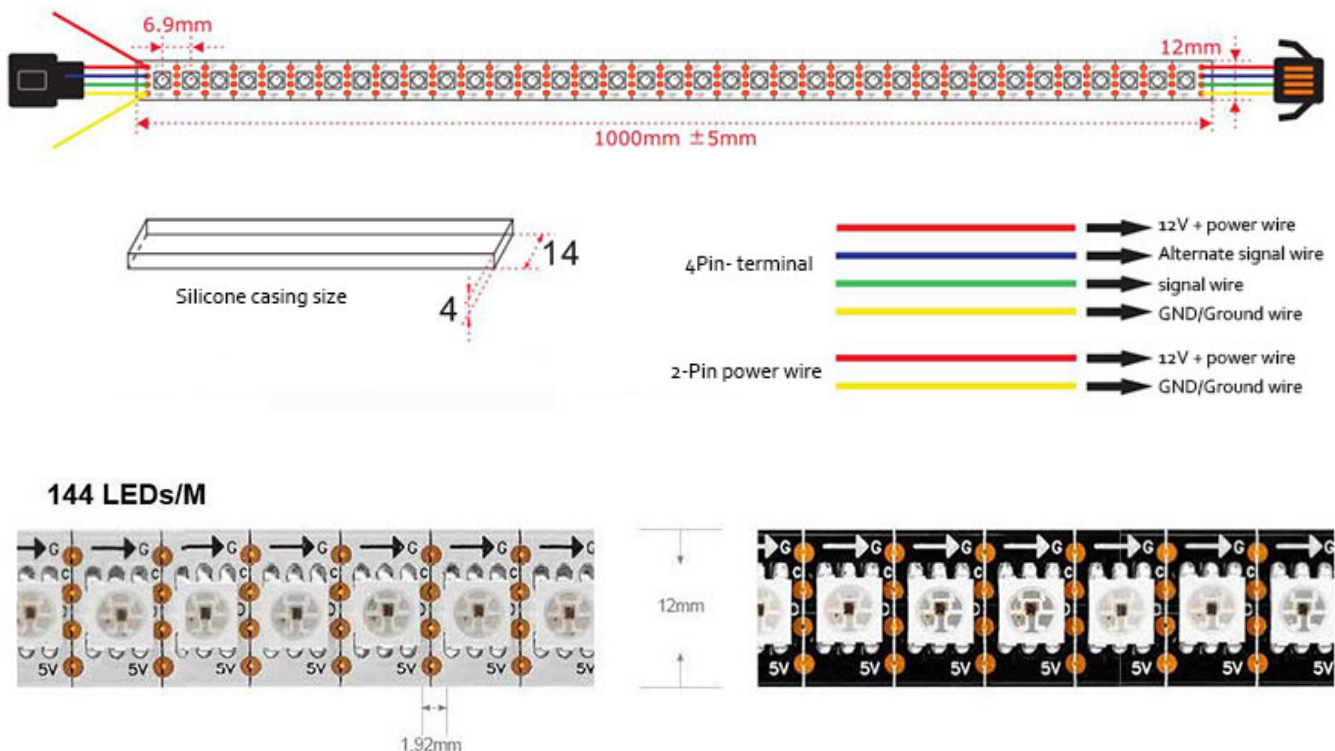
Product Specification

Product Type:	DC12V WS2815 SMD5050 Individually Addressable LED Strip Lights
Chip:	WS2815 IC, 5050 SMD
Input Voltage:	DC12V
Power:	28.8W/m, 144W/16.4ft
Working Temperature:	-20℃ ~ +45℃
Storage Temperature:	-20℃ ~ +60℃
LED Color:	Addressable RGB / Warm White 3000K / Daylight White 6000K
PCB Width:	12mm/0.47" IP20 15mm/IP67/68
LED Quantity:	144LEDs/m
Waterproof Rating:	IP20 / IP65/ IP67 / IP68
Cuttable:	10.41mm/0.41", Every LED can be cut
Lumen:	20lm/LED, 2880lm/m
Lifespan:	50,000 hours +
Beam Angle:	120°
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.

Features

1. Dual-signal wires version, signal break-point continuous transmission. If one led is damaged, it will not affect the other LEDs working.
2. With 4-pins male connector and separated power/ground wire at both ends for easy interconnection and power connection.
3. Waterproof : For IP67 the ribbon light is covered with silicone protective sleeve, which can protect it well and makes it easy to clean. For IP68, the LED strip has undergone a potting process with silicone encapsulant, which ensures it is waterproof and suitable for underwater use.
4. Individually addressable: Every 1 IC control 1 LEDs, every LED can be individually addressable and show any color you want. The strip can be cut off between every one LED without damaging the rest strip if you want it to shorten or lengthen, also can be re-connect by provided connectors.
5. The digital LED WS2815 fully color integrates all electronic components into a single 5050 luminaire, without the need for any other peripheral electronic components to assist in forming a complete internal control pixel.in the meanwhile, the WS2815 LED strip reduces resistance caused by inverting the product during installation.
6. Wide compatibility. Works great with LED screen, LED wall, advertising board, and widely apply for KTV, hotel, bars, clubs, wedding party lighting, etc.



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Product Use Precautions:

1. Please take care to protect the LED strip to prevent the light-emitting area from coming into contact with sharp or hard objects.
2. After opening the package, please solder within 24 hours to prevent oxidation of the soldering points from affecting the soldering effect. If the product is not used up after opening, please vacuum seal it.
3. Avoid direct contact between the light-emitting area of the strip and high-temperature objects. The surface of the light-emitting area should not come into contact with temperatures above 210°C for an instant.
4. When soldering, the temperature of the soldering iron must be below 300°C. Please control the soldering time for each pad within 3 seconds.
5. Twisting the product within a short distance is strictly prohibited. The maximum twist angle for a single strip (0.5 meters) is 720° (Figure 1).
6. Bend at any position with a radius greater than 1CM (Figure 2).

