

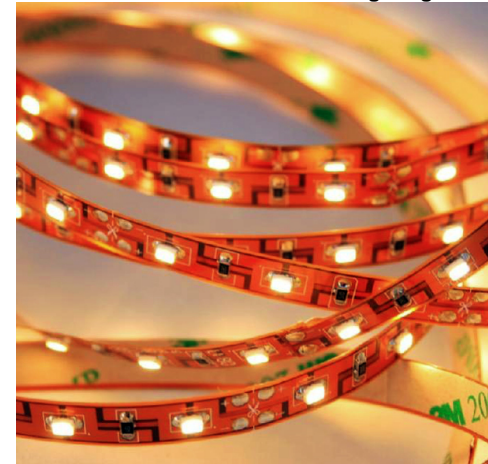
LED FLEX STRIP

FSA-5M-300-12V-X (X = COLOR)

LED WORLD INC.

1800-387-4081

www.ledworldlighting.com



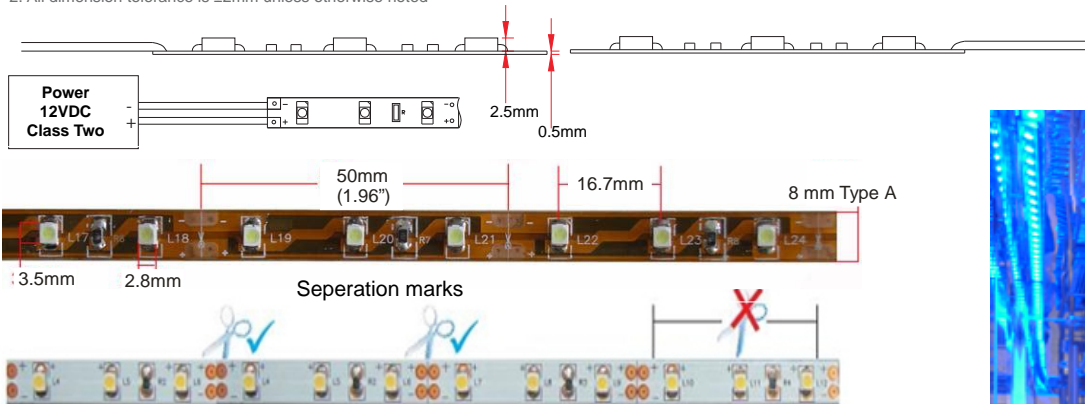
FEATURES

- View Angle: 120°.
- Package: Reel, 5 meters (16.4ft) / REEL (300/LEDS)
- No RF interference
- Available in 12 volts.
- UL Recognized component when used with Class Two power supply.
- Use in Channel letters or with channel Track
- Little or no heat, low power consumption (+ 5C @TA)
- Can be cut to size at marked intervals and rejoined (Qualified personnel).
- Continuous length
- Flexible LED light strips
- Solid-state, high vibration resistant
- Available in Red, Green, Blue, Yellow, Warm White (3200k) and Pure white (5500k).

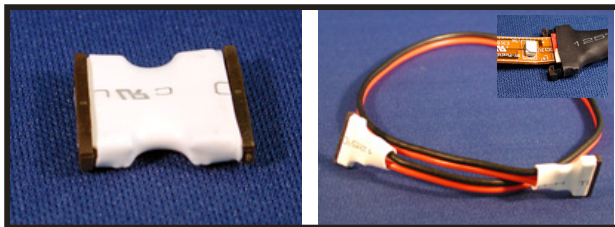
SPECIFICATIONS

| | |
|------------------------|--|
| ITEM | FSA-5M-300-12V-W (or XX) Type (A) BV-FLEXIBILITY: |
| Max voltage: | 12 VDC (UL/CSA Class Two Power) |
| Current: | 170 ~ 200mA/ 0.5 M (19.7") |
| Watt/Reel: | 24 (16.4FT) |
| Watts/Foot | 1.46W |
| Dimensions: | 5000(L) x 8(W) x 2.5(H) mm. |
| Light source: | 60pcs/ Meter (39.4") 3528 LED |
| LEDs Type: | 3528 SMD |
| LED Angle: | 120° |
| Lamp life: | >30,000 hours estimated average |
| IP Rating: | IP22 type A |
| Brightness: | 130 ~ 158LM* (0.5m) / @ 3200k - 5500k |
| Max Length | 5 Meters (16.4ft) |
| Operating temperature: | C -25~+45 |
| Relative humidity: | <65% |

Notes: 1. All Dimension units are millimeters.
2. All dimension tolerance is ±2mm unless otherwise noted



Quick Connectors



ITEM: SF2 (Single color)
Mini Splice connector.
Connect two pieces

ITEM: SF2W
Connect two pieces of LED Flex Strip.



Model

FSX-5M-300-12V-W

Color:
W=Color, Pure White, WW Warm White
R= Red, G= Green, B= Blue, Y= Yellow

Voltage
LED Amount

Roll size in meters

Flex Strip IP type (A, B, C)
A = IP22, B=IP44 C = IP54



WARNING: ONLY QUALIFIED PERSONNEL SHOULD PERFORM INSTALLATION

TO AVOID ELECTRICAL SHOCK OR COMPONENT DAMAGE, DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OF THE POWER SUPPLIES. Failure to install the power supplies and/or LED modules in accordance with the National Electric Code (NEC), all applicable Federal, provincial, State and local electric codes as well as the specific Underwriters Laboratories or CSA (UL/CSA) safety standards for the installation, location and application may cause serious personal injury, death, property damage and/or product malfunction. These instructions are guidelines for installation modules and power supplies. Installation requirements may vary depending on the application. Licensed electricians should provide all installation services for connection of both primary and secondary (input/output) of the power supplies (class II type power supplies UL 1310).

Noted trademarks are owned by their registered company, LED World Inc. Copyright, All rights reserved. Specifications subject to change without notice. Expect some variations in product due to changes in the manufacturing process. *Actual life of LED will vary with application and install environment. Luminosity of LEDs is provided by the manufacturer at 100 hours of use. Actual luminosity of LEDs will vary with hours of use and environmental conditions.

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Technical Parameter: (TA=25C) 1 Meter (39.37")

| Color | Voltage | Current (mA) | Wattage (w) | Peak Wavelength | View Angle | Luminous Flux (lm) | | LED Qty (pcs) | Center Spacing Distance (mm) |
|------------|---------|--------------|-------------|-----------------|------------|--------------------|-----|---------------|------------------------------|
| | | | | | | Min | Max | | |
| Pure White | 12 | <400 | <4.8 | 5000-5500k | 120 | 260 | 316 | 60 | 16.7 |
| Warm White | 12 | <400 | <4.8 | 3200-3300k | 120 | 225 | 300 | 60 | 16.7 |
| Green | 12 | <400 | <4.8 | 525 | 120 | 152 | 184 | 60 | 16.7 |
| Blue | 12 | <400 | <4.8 | 470 | 120 | 155 | 185 | 60 | 16.7 |
| Yellow | 12 | <400 | <4.8 | 590 | 120 | 70 | 86 | 60 | 16.7 |
| Red | 12 | <400 | <4.8 | 626 | 120 | 65 | 80 | 60 | 16.7 |

WARNING: INSTALLATION FOR QUALIFIED PERSONNEL ONLY

Install LED Flex Strip in accordance with the National Electric Code (NEC), all applicable Federal, Provincial, State and local electric codes. Follow all instructions enclosed with product as other important safety instructions may not be mentioned in this document.

Licensed electricians should provide all installation services for connection of both primary and secondary of the power supplies (class II type).

During installation, do not damage the printed circuit. Exposed wires can cause short circuit damaging product and creating a serious hazard. Make sure connection points are seal with non-conductive material electrical material.

Only qualified electrician can perform installation. Correct polarity is imperative (+/- is marked on printed circuit). Parallel connection only.

Voltage must not exceed 12VDC and must be regulated. The Voltage is printed every 3 LEDS. Check that it is the correct voltage before apply power.

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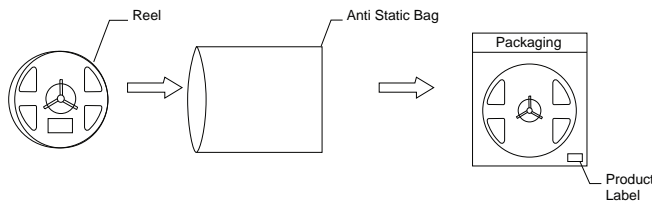
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DO NOT POWER ON WHEN ON ROLL. Lighting must be installed in a straight line. DO NOT CURL OR TWIST with power on. Roll out completely straight before applying power. Product may overheat if power is applied when rolled. Do not install in walls or through walls. For stationary use only not subjected to movement.

For use with Class Two type power supplies. Max 5 amps, 12VDC, CSA, UL, cETLus Listed*

Packaging: Anti Static Bag

Quantity: roll
Size: 24x21.5 (cm)
Weight: 0.1kg



Type/Color

Project:

Item:

Length: