Product type:HC-F5V-F12-WS2811
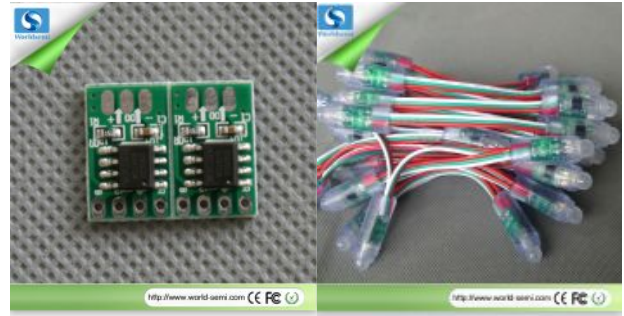
Product description:

1.50pcs/string full colors DC 5V IP66 waterproof

2.Flag alphabet background light background light

3.Input side: is the side with WS2811

Product Features

- Features
    - Please note that these require a smart pixel controller - these will not work with dumb controllers!
    - Smart / Pixel Nodes
    - Pixel protocol WS2811 (supported by every major pixel controller)
    - Viewing angle of 120 degrees
- Lights
    - Total LEDs per node: 3 (Red, Green, Blue)
    - Total LED nodes per string: 50
    - Total DMX channels required per string: 150 DMX Channels
- Dimensions
    - Overall Length from node 1 to node 50: 12 feet, 2 inches
    - Node to node (center) distance: ~3 inches
    - Lead in and lead out wire length: 4 inches (both ends)
    - Maximum diameter of node: 12mm / .47"
    - Length of node body: 30mm / 1.21"
    - Overall length of node and LED: 1.46"
- Weather
    - Silicone body/base
    - Epoxy sealed body/casing to ensure waterproof wiring and electronics
    - IP68
- Wiring colors:
    - Red = Power Input Anode/+/Positive
    - Black or White = Power Input Cathode/-/Negative
    - Blue or Green = Data Signal

    - Pixel direction is marked with arrows on circuit board (input side)
- Power
    - **5v DC Input**
    - White (all three colors) per node: 60 miliamps / .3 Watts
    - White (all three colors) per string (50 nodes): 3 amps / **15 Watts**

Product picture:

Control system:

Power supply(5v)→→ Controller →→WS2811 LED Pixel Light

1. Power supply: Switching power supply: 50w~400w, Input voltage:AC65~264v.

2. Controller:(HC201S,T--1000S, DMX512, Arduino)

HC201S: controller, programmable, SD card offline work, it can control Max 2048 pixels, remote controller. We can provide the software;

T-1000S: it can work both online and offline, can control Max 4096/8192 pixel, connect with PC. software is free of charge

PS: This kind of software is very easy to operate, no need a very well knowledge in software.