



Ledlightmake
TECHNOLOGY

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This is 12mm LPD6803 Pixel Module String , with Waterproof IP68;DC5V input; full color;50pcs a string,Round Shape。 The customer can test them easily, easy to use

50 pieces per strand

These pixels use a LPD6803 chip for full 24 bit color

5V power, 60mA maximum per pixel (LED on full white)

2-pin SPI-like protocol LPD6803 Datasheet for the chip inside each pixel

Brightness: Red = 3.3 Lumens/300 mcd, Green = 10 Lumens/1000 mcd, Blue = 2.7 Lumens/300 mcd

(mcd calculation based on full 120 degree beam)

Application:

Can be outdoor luminous characters, outdoor signs to show more brand and fashion business, greatly enhance the scale and level of. Mainly used for: building roof characters, hotels and other places of entertainment, outdoor signs, KTV signs, sign, the door head sign etc..



RGB Pixels are digitally-controllable lights you can set to any color, or animate. Each RGB LED and controller chip is molded into a 'dot' of silicone.The dots are waterproof and rugged.There are four flanges molded in so that you can 'push' them into a 12mm drill hole in any material up to 1.5mm/0.06"

thick. They're typically used to make outdoor signs The pixels use 8mm diffused RGB LEDs,with a 120 degree beam width. The total max brightness of all LEDs is about 1600mcd but with the light more evenly distributed &mixed than a clear LED

Remark:

1. LED modules should be stored in the dry sealed package
2. Please use this product with 5V DC.
3. Don't push and no scratch on the surface of the LED
4. Recommended length for installation is 50pcs,and no more than 6meter avoiding the voltage dropping.
5. Caculate the power consumption before install the modules

Customer made item:

*Some item may have different cover/shell,customer-made logo ,customer-made wire color and length is avaiable.

Please contact us for more detail information.

please take notice of the input voltage(AC110/AC220) and output(DC 5V). RGB products need powersupply and RGB controller,maybe Power amplifier also. RGB with IC products(fullcolor pixel series) need powersupply and Fullcolor controller,please take notice of the IC type and Signal line definition.If you have DMX & Madrix, DMX decoder is a must.

Please check Controller webpage for your reference